

CURRICULUM VITAE

NAME

Klett, James E

ADDRESS

Horticulture and Landscape Architecture
College of Agricultural Sciences

Shepardson
Shepardson

PHONE

(970) 491-7179

EDUCATION

1974 Ph D, U OF ILLINOIS

1971 MS, U OF ILLINOIS

1969 BS, OHIO STATE UNIV

ACADEMIC POSITIONS

August 1969 - January 1974 Graduate Research and Teaching Assistant, University of Illinois.

OTHER POSITIONS

July 1992 - Present Professor, Colorado State University.

January 1980 - July 1992 Associate Professor, Colorado State University.

July 1978 - January 1980 Associate Professor, South Dakota State University.

January 1, 1974 - June 1, 1978 Assistant Professor, South Dakota State University.

June 1972 - September 1974 Captain, U.S. Army Reserves.

(2008 - Present) Director, Department

(1994 - Present) Department Chairperson

(1992 - Present) Director

PUBLISHED WORKS

Refereed Journal Articles

(2012). Evaluating a Natural Zeolite as an Amendment for Extensive Green Root Substrate. *J of Enviro Hort*, 30(4), 201-206.

(2012). Evaluation of Green Roof Plants and Materials for Semi-Arid Climates, EPA-National Center for

Environmental Publications. *EPA/600/R-12-592* ; 78 pages.

- (2011). Moisture Content of Extensive Green Roof Substrate and Growth Response of 15 Temperate Plant Species During Dry Down. *HortScience*, 46(3), 518-522.
- (2010). Extensive Green Roof Species Evaluation Using Digital Image Analyzer. *HortScience*, 45(8), 1288-1292.
- (1988). Effects of Pruning and Cold-Storage on Growth of Container-Grown Malus Radiant. *Hortscience*, 23, 814-814.
- (1988). Herbicide-Organic Matter Media Interaction with 2 Container-Grown Woody Ornamentals. *Hortscience*, 23, 733-733.
- (1988). Preemergent Weed-Control in Container-Grown Perennials. *Hortscience*, 23, 27-27.
- (1987). Water Requirements of Herbaceous Perennials. *Hortscience*, 22, 1052-1052.
- (1984). Evaluation of Iron Materials for Controlling Iron Chlorosis on Acer-Saccharinum L. *Hortscience*, 19, 585-585.
- (1984). Evaluation of Some Indigenous Western Plants for Xeric Landscapes. *Hortscience*, 19, 856-858.
- (1983). Evaluation of Iron Materials for Controlling Iron Chlorosis on Ornamental Plants. *Hortscience*, 18, 851-851.
- (1983). The Effects of Dormant Pruning on Root and Shoot Growth of Bare-Root Trees. *Hortscience*, 18, 607-607.
- (1983). The Potential Use of Native and Adapted Plants in Landscape Situations, Germination Aspects. *Hortscience*, 18, 850-850.
- (1982). Evaluation of Iron Materials for Controlling Iron Chlorosis on 3 Ornamental Plant-Species. *Hortscience*, 17, 577-577.
- (1981). Effect of Different Nitrogen-Sources and Overwintering Methods on Growth of Junipers. *Hortscience*, 16, 438-438.
- (1980). The Effect of Additional Long Days and Split-Night Temperature on Growth and Flowering of Poinsettia. *Hortscience*, 15, 389-389.
- (2012). *2012 Flower Winners* (1st ed., vol. 28, pp. 16-17). CSU Research Update, Colorado Green.
- (2012). *2012 Superior Annuals* (6th ed., vol. 30, pp. 16-18). CSU Update CNGA Looseleaf.
- (2012). *Annual Flower Trial Garden Performance Report*.
- (2012). *Evergreen Shrubs*. CSU Extension Fact Sheet No 7 414.
- (2012). *Exceptional Woody Plants* (4th ed., vol. 28, pp. 10). CSU Research Update, Colorado Green.
- (2012). *Horticulture Related Water Studies* (2nd ed., vol. 29, pp. 7-Jun). Colorado Water.
- (2012). *Large Deciduous Trees*. CSU Extension Fact Sheet No 7 419.

- (2012). *Long lived Perennials* (5th ed., vol. 30, pp. 18). CSU Update CNGA Looseleaf.
- (2012). *Multi-Site Trial of Woody Plants: 2006 Planting and Evaluation of Differences and Drought Tolerance of Three Amelanchier Species*. MS Thesis, Spring, 74 pgs.
- (2012). *Nursery Tree Production and Transplant Success of Chanticleer Pear* (3rd ed., vol. 30, pp. 18-19). CSU Update CNGA Looseleaf.
- (2012). *Nursery Tree Production and Transplant Success of Pyrus calleryana 'Glen's Form' (Chanticleer) Influenced by Container Types and Overwintering Treatments* (9th ed., vol. 47, pp. 203). Hort Science Supplement.
- (2012). *Nursery Tree Production and Transplant Success of Pyrus calleryana 'Glen's Form' (Chanticleer) Influenced by Container Types and Overwintering Treatment*. Abstract 2012 Conference Proceedings, International Society of Arboriculture, 88th Annual Conference, Portland, Oregon.
- (2012). *Perennial Flower Trial Performance Report*.
- (2012). *Perennials that Pack a Punch* (2nd ed., vol. 28, pp. 16-17). CSU Research Update, Colorado Green.
- (2012). *Plant Select for 2013* (6th ed., vol. 28, pp. 13-Dec). CSU Research Update, Colorado Green.
- (2012). *Plant Trials - Highlight Four Good Woodies and Three to Avoid* (3rd ed., vol. 28, pp. 13-Dec). CSU Research Update, Colorado Green.
- (2012). *Responses of Four Shrub Species to Four Levels of Irrigation in a Semi-Arid Environment*. MS Thesis, Spring, 143 pgs.
- (2012). *Small Deciduous Trees*. CSU Extension Fact Sheet No 7 418.
- (2012). *Superior Annuals from the CSU Trials* (1st ed., vol. 30, pp. 24). CSU Update CNGA Looseleaf.
- (2012). *Top Perennial Performers* (2nd ed., vol. 30, pp. 18-19). CSU Update CNGA Looseleaf.
- (2012). *Try These Woody Plants* (5th ed., vol. 28, pp. 13-Dec). CSU Research Update, Colorado Green.
- (2012). *Weed Control in Container-Grown Herbaceous Ornamental Plants* (9th ed., vol. 47, pp. 330). Hort Science Supplement.
- (2012). *Woody Plant Evaluations* (4th ed., vol. 30, pp. 18-19). CSU Update CNGA Looseleaf.
- (2011). *2010 Annual Flower Winners* (1st ed., vol. 27, pp. 14-Dec). CSU Research Update, Colorado Green.
- (2011). *2010 Flower Winners* (2nd ed., vol. 27, pp. 16-18). CSU Research Update, Colorado Green.
- (2011). *2010 Top Perennial Performers* (2nd ed., vol. 29, pp. 20-21). CSU Update CNGA Looseleaf.
- (2011). *Alternatives to Overused Woody Plants* (4th ed., vol. 27, pp. 13-Dec). CSU Research Update, Colorado Green.
- (2011). *Annual Flower Trial Garden Performance Report 184 p.*
- (2011). *Hedges*. CSU Extension Fact Sheet No 7208.
- (2011). *Impact of Limited Irrigation on Four Common Shrub Species* (4th ed., vol. 29, pp. 20). CSU Update

CNGA Looseleaf.

- (2011). *Impact of Limited Irrigation on Four Common Shrub Species* (2nd ed., vol. 28, pp. 4-Feb). Colorado Water.
- (2011). *Multi-Site Woody Plant Trials* (4th ed., vol. 29, pp. 20). CSU Update CNGA Looseleaf.
- (2011). *Multi-Site Woody Plant Trials Tracking Five Species* (1st ed., vol. 29, pp. 19). CSU Update CNGA Looseleaf.
- (2011). *Nursery Tree Production and Transplant Success of *Pyrus calleryana* 'Glen's Form' (Chanticleer) Influenced by Container Types and Overwintering Treatment* (9th ed., vol. 46, pp. 5325). Abstract Hort Sci.
- (2011). *Perennial Flower Trial Performance Report 30p*.
- (2011). *Plant Select for 2012* (5th ed., vol. 27, pp. 11-Oct). CSU Research Update, Colorado Green.
- (2011). *Shrub Water Study: An Evaluation of Four Landscape Shrub Subjected to Different Watering Regimes*. Abstract 2011 Conference Proceedings, International Society of Arboriculture, 87th Annual Conference, Sydney, Australia.
- (2011). *Sustainable Landscaping*. CSU Extension Fact Sheet No 7 243.
- (2011). *Tough and Proven Perennials for Colorado* (6th ed., vol. 27, pp. 13-Dec). CSU Research Update, Colorado Green.
- (2011). *Try These Woody Plants* (3rd ed., vol. 27, pp. 14-15). CSU Research Update, Colorado Green.
- (2011). *Underused Perennials for Colorado* (6th ed., vol. 29, pp. 20). CSU Update CNGA Looseleaf.
- (2011). *Weed Control Options in Container-Grown Herbaceous Ornamentals* (3rd ed., vol. 29, pp. 20). CSU Update CNGA Looseleaf.
- (2011). *Woody Plant Evaluation in Colorado*. MS Thesis, Spring 2011: 54 p.
- (2010). *2009 Annual Flower Winners* (1st ed., vol. 26, pp. 14-16). CSU Research Update, Colorado Green.
- (2010). *2009 Best Annual Flower List Announced* (1st ed., vol. 27, pp. 11). CNGA Looseleaf.
- (2010). *2009 Perennial Top Performers* (2nd ed., vol. 27, pp. 11-Oct). CNGA Looseleaf.
- (2010). *2009 Perennial Trial Report 32p*.
- (2010). *2009-10 Cool Season Trial Performance Report 21p*.
- (2010). *2010 Best Annuals from Colorado State University* (6th ed., vol. 27, pp. 19). CNGA Looseleaf.
- (2010). *Annual Flower Trial Garden Performance Report 184p*.
- (2010). *Cool Season Top Performers* (5th ed., vol. 26, pp. 20-21). CSU Research Update, Colorado Green.
- (2010). *Cool Season Top Performers* (5th ed., vol. 27, pp. 12). CNGA Looseleaf.
- (2010). *Extensive Green Roofs in Colorado: Plant Species Performance, Growing Media Modifications and Species Response to Growing Media Dry Down*. PhD Thesis Spring 2010 85p.

- (2010). *Impact of Four Irrigation Treatment on Four Shrub Species* (8th ed., vol. 45, pp. 29). HortScience.
- (2010). *Impact of Limited Irrigation on Health of Four Common Shrub Species* (4th ed., vol. 27, pp. 13-Dec). CNGA Looseleaf.
- (2010). *Moisture Content of Extensive Green Roof Growing Media and Growth Response of 15 Plant Species During Dry Down* (8th ed., vol. 45, pp. 44). HortScience.
- (2010). *Multisite Woody Plant Trials* (3rd ed., vol. 27, pp. 11). CNGA Looseleaf.
- (2010). *Preemergence Weed Control in Container Grown Herbaceous Perennials* (8th ed., vol. 45, pp. 111). Hort Science.
- (2010). *Superior Perennials* (6th ed., vol. 26, pp. 13-14). CSU Research Update, Colorado Green.
- (2010). *The True Test* (7th ed., vol. 74, pp. 56). Grower Talks.
- (2010). *Top-performing Perennials* (3rd ed., vol. 26, pp. 11-Oct). CSU Research Update, Colorado Green.
- (2010). *Two Methods of Quantifying Plant Cover for Evaluating Species for Extensive Green Roof Culture* (8th ed., vol. 45, pp. 44). HortScience.
- (2010). *Weed Control* (4th ed., vol. 26, pp. 14). CSU Research Update, Colorado Green.
- (2010). *Woody Plants for Year-Round Interest* (2nd ed., vol. 26, pp. 11-Oct). CSU Research Update, Colorado Green.
- (2010). *Xeriscapping: Perennials and Annual Flowers*. Fact Sheet No 7 231.

Abstract

- O'Connor, A. S., Klett, J. E., Koski, A. J. (2014). *Container Type Affects Irrigation Requirement of Viburnum trilobum 'Compactum'*. American Society for Horticultural Science.
- O'Connor, A. S., Klett, J. E., Koski, A. J. (2014). *Container Type Affects Landscape Establishment and Growth of Chanticleer Pear*. American Society for Horticultural Science. <https://ashs.confex.com/ashs/2014/webprogramarchives/Paper18411.html>
- O'Connor, A. S., Koski, A. J., Struve, D., Kawamura, K., Klett, J. E. (2014). *Turf Fertilization Effects on Nitrogen Status of Kentucky Bluegrass and 'Autumn Blaze' Maple Growing in a Mixed Landscape*. American Society for Horticultural Science. <https://ashs.confex.com/ashs/2014/webprogramarchives/Paper18409.html>

poster paper

- Klett, J. E. *Plant Select, Plant Smarter*. Horticultural Science.

PERFORMANCES, EXHIBITS, PRODUCTIONS (Visual/Performing Arts):

October 15, 2015 - May 15, 2016

May 15, 2015 - October 15, 2015, Annual Trial Garden

May 15, 2014 - November 1, 2014

May 15, 2014 - November 1, 2014

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

2012, "During the 2012 Calendar Year - 38 Oral presentations, and/or tours, and/or workshops were given to professional groups in Colorado and Nation. Talks were given at Pro Green 2012, Rocky Mountain Turf Conference 2012, Western Regional Coordinating Committee 1013, Colorado Garden and Home Show, Homeowners, Garden Club Groups, and Colorado Master Gardener Groups, Extension Agents, Civic Groups, Colorado Nursery and Greenhouse Association, Twilight Garden Series Programs, Annual Trial Garden Events including Evaluation Day, Tree Boards and at commercial garden centers along with other events throughout the year."

2012, "Presentation at ASHS with Alison O'Connor and Ronda Koski".

2012, "Presentation at ISA with Alison O'Connor and Ronda Koski".

2012, "Presented Poster at ASHS with Ronda Koski".

2012, "Presented Water Related Research at CNGA Short Course".

2011, "During the 2011 Calendar Year - 42 Oral presentations, and/or tours, and/or workshops were given to professional groups in Colorado, Nation, and Worldwide. Talks were given at Pro Green 2011, Rocky Mountain Turf Conference 2011, Western Regional Coordinating Committee, Short Course, Colorado Garden and Home Show, Master Gardener Groups, Extension Agents, Homeowners and Garden Club Groups, Civic Groups, Colorado Nursery and Greenhouse Association, Twilight Garden Series Programs, Annual Trial Garden Events including Evaluation Day, Tree Boards and at commercial garden centers along with other events throughout the growing season."

2011, "Klett, J and Smith, J. – Shrub Water

Study: An evaluation of four landscapes shrubs subjected to different watering regimes – Presented at International Society of Arboriculture 87th Annual Conference in Sydney, Australia."

2011, "O'Connor, A., Klett, J., and Koski, A. 2011. Nursery Tree Production and Transplant Success of Pyrus Calleryana 'Glens Form' Chanticleer Influenced by container types and over-watering treatments. - National ASHS Meeting - September 2011 - Honolulu, Hawaii."

2010, "Bousselot, J. Klett, J. and Koski, R. 2010. Evaluating a Natural Zeolite as an amendment for extensive Green Roof Growing Media. Poster Paper Presentation from the 8th North America Green Roof Conference, Cities Alive! Greening Rooftops for Sustainable communities, Vancouver, Canada 1-3 December 2010.", peer-reviewed/refereed.

2010, "During the 2010 calendar year 40 oral presentations, and/or tours, and/or workshops were given to professional groups in Colorado and Nation. Talks were given at ProGreen 2010, Rocky Mountain Turf Conference (2010), Western Regional Coordinating Committee, Field Day, Garden and Home Show, Master Gardeners Groups, Extension Agents, Homeowner and Garden Club groups, Colorado Nursery and Greenhouse Association, Twilight Garden Series Program, Annual Trial Garden Events including Evaluation day, and other events throughout the growing season."

2010, "Staats, D. Klett, J. 2010 Preemergence Weed Control in Container Grown Herbaceous Perennials - National ASHS Meeting - August 2010. Palm Desert, California.", peer-reviewed/refereed.

OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

"Working with Plant Select® on acquiring plant patents for 2011, 2012, 2013, and 2014 introductions along with trademarks for other introductions in Plant Select® program.." (Submitted: 2012, Application: 2012, Approved: 2012, Licensed: 2012).

"Working with Plant Select® on acquiring plant patent for 2011 and 2012 introduction along with trademarks for

other introductions in Plant Select® program.." (Submitted: 2011, Application: 2011, Approved: 2011, Licensed: 2011).

(January 1, 2015 - December 31, 2015). Continuing Education Program, "Creating Inclusive Excellence Program," CSU, Fort Collins, CO, United States. Approximate Number of Hours Spent Per Year: 40.

(January 1, 2014 - December 31, 2015). Continuing Education Program, College of Agricultural Sciences, Fort Collins, Colorado, United States. Approximate Number of Hours Spent Per Year: 8.

(August 8, 2015 - August 12, 2015). Conference Attendance, "International Society of Arboriculture," ISA, Orlando, Florida, United States.

(August 4, 2015 - August 7, 2015). Professional Meeting, "ASHS," ASHS, New Orleans, Louisiana, United States.

(July 28, 2014 - July 31, 2014). Professional Meeting, "American Society of Horticultural Science Annual Conference," ASHS, Alexandria, Virginia, United States. Approximate Number of Hours Spent Per Year: 35.

TEACHING:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
2016	Spring	HORT496 - Group Study	18	2
2016	Spring	HORT221 - Landscape Plants	4	29
2016	Spring	HORT221 - Landscape Plants - Lab	0	21
2016	Spring	HORT221 - Landscape Plants - Lab	0	8
2016	Spring	HORT321 - Nursery Production and Management	4	10
2016	Spring	HORT321 - Nursery Production and Management - Lab	0	10
2016	Spring	HORT698 - Research	18	15
2016	Spring	HORT384 - Supervised College Teaching	5	3
2016	Spring	HORT784 - Supervised College Teaching	18	5
2016	Spring	HORT699 - Thesis	18	7
2015	Fall	HORT322 - Herbaceous Plants	3	24
2015	Fall	HORT322 - Herbaceous Plants -Lab	0	15
2015	Fall	HORT322 - Herbaceous Plants -Lab	0	9
2015	Fall	HORT487 - Internship	18	25
2015	Fall	HORT221 - Landscape Plants	4	20
2015	Fall	HORT221 - Landscape Plants - Lab	0	5
2015	Fall	HORT221 - Landscape Plants -Lab	0	15
2015	Fall	HORT698 - Research	18	18
2015	Fall	HORT384 - Supervised College Teaching	5	4
2015	Fall	HORT784 - Supervised College Teaching	18	5
2015	Fall	HORT699 - Thesis	18	2
2015	Fall	F466 - Urban and Community Forestry	3	3
2015	Fall	HORT466 - Urban and Community Forestry	3	4
2015	Summer	HORT487 - Internship	18	24
2015	Spring	HORT496 - Group Study	18	4
2015	Spring	HORT495 - Independent Study	18	7
2015	Spring	HORT221 - Landscape Plants	4	21
2015	Spring	HORT221 - Landscape Plants - Lab	0	9
2015	Spring	HORT221 - Landscape Plants - Lab	0	12
2015	Spring	HORT321 - Nursery Production and Management	4	15
2015	Spring	HORT321 - Nursery Production and Management - Lab	0	15
2015	Spring	HORT698 - Research	18	13
2015	Spring	HORT384 - Supervised College Teaching	5	2
2015	Spring	HORT784 - Supervised College Teaching	18	4
2014	Fall	HORT496 - Group Study	18	2

2014	Fall	HORT322 - Herbaceous Plants	3	19
2014	Fall	HORT322 - Herbaceous Plants -Lab	0	14
2014	Fall	HORT322 - Herbaceous Plants -Lab	0	5
2014	Fall	HORT487 - Internship	18	30
2014	Fall	HORT221 - Landscape Plants	4	29
2014	Fall	HORT221 - Landscape Plants - Lab	0	7
2014	Fall	HORT221 - Landscape Plants -Lab	0	22
2014	Fall	HORT698 - Research	18	12
2014	Fall	HORT384 - Supervised College Teaching	5	4
2014	Fall	HORT784 - Supervised College Teaching	18	5
2014	Summer	HORT487 - Internship	18	30
2014	Summer	HORT699 - Thesis	18	1
2014	Spring	HORT496 - Group Study	18	4
2014	Spring	HORT221 - Landscape Plants	4	29
2014	Spring	HORT221 - Landscape Plants	4	29
2014	Spring	HORT221 - Landscape Plants - Lab	0	13
2014	Spring	HORT221 - Landscape Plants - Lab	0	16
2014	Spring	HORT321 - Nursery Production and Management	4	24
2014	Spring	HORT321 - Nursery Production and Management - Lab	0	24
2014	Spring	HORT698 - Research	18	10
2014	Spring	HORT384 - Supervised College Teaching	5	3
2014	Spring	HORT784 - Supervised College Teaching	18	6
2014	Spring	HORT699 - Thesis	18	4
2013	Fall	HORT466 - Community Forestry	3	9
2013	Fall	HORT466 - Community Forestry - Lab	0	9
2013	Fall	HORT496 - Group Study	18	4
2013	Fall	HORT322 - Herbaceous Plants	3	39
2013	Fall	HORT322 - Herbaceous Plants -Lab	0	23
2013	Fall	HORT322 - Herbaceous Plants -Lab	0	16
2013	Fall	HORT487 - Internship	18	36
2013	Fall	HORT221 - Landscape Plants	4	14
2013	Fall	HORT - Landscape Plants	4	14
2013	Fall	HORT221 - Landscape Plants -Lab	0	14
2013	Fall	HORT698 - Research	18	10
2013	Fall	HORT384 - Supervised College Teaching	5	1
2013	Fall	HORT784 - Supervised College Teaching	18	4
2013	Fall	HORT699 - Thesis	18	4
2013	Summer	HORT487 - Internship	18	35
2013	Spring	HORT221 - Landscape Plants	4	33
2013	Spring	HORT221 - Landscape Plants - Lab	0	17
2013	Spring	HORT221 - Landscape Plants - Lab	0	16
2013	Spring	HORT321 - Nursery Production and Management	4	31
2013	Spring	HORT321 - Nursery Production and Management - Lab	0	31
2013	Spring	HORT698 - Research	18	13
2013	Spring	HORT384 - Supervised College Teaching	5	3
2013	Spring	HORT784 - Supervised College Teaching	18	5
2012	Fall	HORT322 - Herbaceous Plants	3	37
2012	Fall	HORT322 - Herbaceous Plants -Lab	0	26
2012	Fall	HORT322 - Herbaceous Plants -Lab	0	11
2012	Fall	HORT487 - Internship	18	44
2012	Fall	HORT221 - Landscape Plants	4	25
2012	Fall	HORT221 - Landscape Plants -Lab	0	21
2012	Fall	HORT221 - Landscape Plants -Lab	0	4
2012	Fall	HORT698 - Research	18	15
2012	Fall	HORT384 - Supervised College Teaching	5	3

2012	Fall	HORT784 - Supervised College Teaching	18	4
2012	Summer	HORT487 - Internship	18	42
2012	Summer	HORT698 - Research	18	1
2012	Spring	HORT487 - Internship	18	3
2012	Spring	HORT221 - Landscape Plants	4	27
2012	Spring	HORT221 - Landscape Plants - Lab	0	17
2012	Spring	HORT221 - Landscape Plants - Lab	0	10
2012	Spring	HORT321 - Nursery Production and Management	4	24
2012	Spring	HORT321 - Nursery Production and Management - Lab	0	24
2012	Spring	HORT698 - Research	18	14
2012	Spring	HORT384 - Supervised College Teaching	5	5
2012	Spring	HORT784 - Supervised College Teaching	18	2
2011	Fall	HORT322 - Herbaceous Plants	3	43
2011	Fall	HORT322 - Herbaceous Plants -Lab	0	28
2011	Fall	HORT322 - Herbaceous Plants -Lab	0	15
2011	Fall	HORT495 - Independent Study	18	7
2011	Fall	HORT487 - Internship	18	60
2011	Fall	HORT221 - Landscape Plants	4	30
2011	Fall	HORT221 - Landscape Plants -Lab	0	23
2011	Fall	HORT221 - Landscape Plants -Lab	0	7
2011	Fall	HORT698 - Research	18	15
2011	Fall	HORT384 - Supervised College Teaching	5	4
2011	Fall	HORT784 - Supervised College Teaching	18	3
2011	Fall	HORT699 - Thesis	18	3
2011	Summer	HORT487 - Internship	18	57
2011	Spring	HORT487 - Internship	18	2
2011	Spring	HORT221 - Landscape Plants	4	42
2011	Spring	HORT221 - Landscape Plants - Lab	0	27
2011	Spring	HORT221 - Landscape Plants - Lab	0	15
2011	Spring	HORT321 - Nursery Production and Management	4	28
2011	Spring	HORT321 - Nursery Production and Management - Lab	0	28
2011	Spring	HORT698 - Research	18	9
2011	Spring	HORT384 - Supervised College Teaching	5	2
2011	Spring	HORT784 - Supervised College Teaching	18	3
2011	Spring	HORT699 - Thesis	18	2
2010	Fall	HORT322 - Herbaceous Plants	3	39
2010	Fall	HORT322 - Herbaceous Plants -Lab	0	28
2010	Fall	HORT322 - Herbaceous Plants -Lab	0	11
2010	Fall	HORT487 - Internship	18	40
2010	Fall	HORT221 - Landscape Plants	4	38
2010	Fall	HORT221 - Landscape Plants -Lab	0	23
2010	Fall	HORT221 - Landscape Plants -Lab	0	15
2010	Fall	HORT698 - Research	18	10
2010	Fall	HORT384 - Supervised College Teaching	5	4
2010	Fall	HORT784 - Supervised College Teaching	18	2
2010	Fall	HORT699 - Thesis	18	2
2010	Summer	HORT487 - Internship		42
2010	Spring	HORT799 - Dissertation	18	2
2010	Spring	HORT221 - Landscape Plants	4	57
2010	Spring	HORT221 - Landscape Plants - Lab	0	34
2010	Spring	HORT221 - Landscape Plants - Lab	0	23
2010	Spring	HORT321 - Nursery Production and Management	4	20
2010	Spring	HORT321 - Nursery Production and Management - Lab	0	20
2010	Spring	HORT698 - Research	18	10
2010	Spring	HORT384 - Supervised College Teaching	5	5

2010	Spring	HORT699 - Thesis	18	4
2009	Fall	HORT799 - Dissertation	18	1
2009	Fall	HORT322 - Herbaceous Plants	3	40
2009	Fall	HORT322 - Herbaceous Plants -Lab	0	28
2009	Fall	HORT322 - Herbaceous Plants -Lab	0	12
2009	Fall	HORT495 - Independent Study	18	9
2009	Fall	HORT487 - Internship	18	34
2009	Fall	HORT221 - Landscape Plants	4	39
2009	Fall	HORT221 - Landscape Plants -Lab	0	26
2009	Fall	HORT221 - Landscape Plants -Lab	0	13
2009	Fall	HORT698 - Research	18	12
2009	Fall	HORT384 - Supervised College Teaching	5	6
2009	Fall	HORT784 - Supervised College Teaching	18	4
2009	Fall	HORT699 - Thesis	18	4
2009	Summer	HORT799 - Dissertation	18	1
2009	Summer	HORT487 - Internship	18	29
2009	Spring	HORT221 - Landscape Plants	4	32
2009	Spring	HORT221 - Landscape Plants - Lab	0	21
2009	Spring	HORT221 - Landscape Plants - Lab	0	11
2009	Spring	HORT321 - Nursery Production and Management	4	16
2009	Spring	HORT321 - Nursery Production and Management - Lab	0	16
2009	Spring	HORT698 - Research	18	8
2009	Spring	HORT384 - Supervised College Teaching	5	6
2009	Spring	HORT784 - Supervised College Teaching	18	3
2009	Spring	HORT699 - Thesis	18	3
2008	Fall	HORT322 - Herbaceous Plants	3	27
2008	Fall	HORT322 - Herbaceous Plants -Lab	0	18
2008	Fall	HORT322 - Herbaceous Plants -Lab	0	9
2008	Fall	HORT487 - Internship	18	35
2008	Fall	HORT221 - Landscape Plants	4	33
2008	Fall	HORT221 - Landscape Plants -Lab	0	24
2008	Fall	HORT221 - Landscape Plants -Lab	0	9
2008	Fall	HORT698 - Research	18	12
2008	Fall	HORT384 - Supervised College Teaching	5	7
2008	Fall	HORT699 - Thesis	18	3
2008	Summer	HORT487 - Internship	18	35
2008	Summer	HORT698 - Research	18	3
2008	Spring	HORT221 - Landscape Plants	4	51
2008	Spring	HORT221 - Landscape Plants-Lab	0	35
2008	Spring	HORT221 - Landscape Plants-Lab	0	16
2008	Spring	HORT321 - Nursery Production and Management	4	22
2008	Spring	HORT321 - Nursery Production and Management-Lab	0	10
2008	Spring	HORT321 - Nursery Production and Management-Lab	0	12
2008	Spring	HORT698 - Research	18	12
2008	Spring	HORT384 - Supervised College Teaching	5	9
2008	Spring	HORT784 - Supervised College Teaching	18	3
2008	Spring	HORT699 - Thesis	18	3
2007	Fall	HORT496 - Group Study	18	0
2007	Fall	HORT322 - Herbaceous Plants	3	44
2007	Fall	HORT322 - Herbaceous Plants-Lab	0	26
2007	Fall	HORT322 - Herbaceous Plants-Lab	0	18
2007	Fall	HORT487 - Internship	18	48
2007	Fall	HORT221 - Landscape Plants	4	26
2007	Fall	HORT221 - Landscape Plants-Lab	0	13
2007	Fall	HORT221 - Landscape Plants-Lab	0	13

2007	Fall	HORT698 - Research	18	7
2007	Fall	HORT384 - Supervised College Teaching	5	7
2007	Fall	HORT784 - Supervised College Teaching	18	2
2007	Fall	HORT699 - Thesis	18	4

Guest Lectures:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u># of Guest Lectures</u>	<u>Delivery Mode</u>
2015	Fall	HORT466 - Hort/F Community Urban Forestry	3	Face to Face
2015	Fall	AGRI292 - Transfer Seminar	1	Face to Face
2014	Spring	AGRI292 - Transfer Seminar	2	Face to Face
2013	Fall	HORT466 - Community Forestry	3	Face to Face
2013	Fall	AGRI292 - Transfer Seminar	2	Face to Face
2013	Spring	AGRI292 - Transfer Seminar	2	Face to Face

Evidence of Teaching Effectiveness (Annual Input)

Other Evidence

Fall 2013, HORT 466–Community Forestry
Team Taught Course with Keith Wood

EXTENSION/ENGAGEMENT ACTIVITIES/ACCOMPLISHMENTS

Presentation

14 tours to various extension groups, county master gardeners, university retirees and commodity groups etc., Various. Number of times program was made: 14. Percent Responsible: 100%. Full Year 2015.

32 talks given on various horticulture research and or plant material throughout 2015. Adult, Various. Percent Responsible: 100%. Full Year 2015.

Horticultural talks in state and at national meeting and tour of Annual trial gardens and Plant Environmental Research Center. Adult, Fort Collins and Denver area, Colorado and nationwide. Number of times program was made: 46. Total number of participants: 5000. Percent Responsible: 100%. Full Year 2014.

Talks and Tours

Annual Flower Trials AND PERC. Fort Collins and Denver, CO. Number of times program was made: 32. Total number of participants: 3200. Percent Responsible: 100%. 2013.

COMMITTEES

Plant Select® - President Board of Directors, (2008 - Present).

Chair- PlantTalk Colorado™, (1994 - Present).

Director - Plant Environmental Research Center, (1992 - Present).

Campus Tree Committee, (January 2014 - December 2017).

(2012).

(2011).

Plant Select® - President Board of Directors, (2008 - Present).

Chair- PlantTalk Colorado™, (1994 - Present).

Director - Plant Environmental Research Center, (1992 - Present).

College Resident Instruction, (January 2014 - December 2015).

(2012).

(2011).

Plant Select® - President Board of Directors, (2008 - Present).

Chair- PlantTalk Colorado™, (1994 - Present).

Director - Plant Environmental Research Center, (1992 - Present).

Plant Select Board, (April 15, 2014 - April 15, 2015).

(2012).

(2011).

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

American Society of Horticultural Science. (October 1, 2013 - Present).

ISA. (2010 - Present).

WERA - 1013 International Regional Evaluation and Introduction of Native Plants. (2005 - Present).

ISA - Rocky Mountain Chapter. (2002 - Present).

ISA - Rocky Mountain Chapter. (1998 - Present).

ProGreen Expo Trade Show. (1997 - Present).

Associated Landscaping Contractors of Colorado. (1995 - Present).

Plant Select®. (1995 - Present).

Plant Select®. (1995 - Present).

Garden Centers of Colorado. (1990 - Present).

Colorado Nursery and Greenhouse Association (CNGA). (1985 - Present).

ISA. (1985 - Present).

Pi Alpha Xi National. (1985 - Present).

ASHS. (1980 - Present).

ASHS. (1980 - Present).

ASHS. (1980 - Present).

ASHS. (1980 - Present).

ASHS. (January 1974 - Present).

GreenCo Foundation. (1990 - 2013).

WRC - 58 Handling of Nursery Stock. (1982 - 2013).

Green Roof Subcommittee for EPA Building in Denver. (2006 - 2011).

Denver Post and other local papers and trade magazines. (January 1, 2015).

Denver Post and other local papers and trade magazines. (January 1, 2015).

CNGA Looseleaf. (December 31, 2014).

Colorado Green. (December 31, 2014).

Blog. (December 31, 2014).

Committee Member, ASHS.

Committee Member, CSU Extension.

ASHS, Miami, FL. (2012 - Present).

Member, Campus Tree Advisory Committee. (2012 - Present).

CNGA Looseleaf. (2012 - Present).

Colorado Green. (2012 - Present).

International Society of Arboriculture, Portland, OR. (2012 - Present).

Journal of Arboriculture and Urban Forestry. (2012 - Present).

Member, Selection Committee for Boulder County Extension Director. (2012 - Present).

Member, Selection Committee for Horticulture Office Personnel. (2012 - Present).

WERA 1013, El Paso, TX. (2012 - Present).

Editorial Board for Eight issues of Green Scene published in 2011. (2011 - Present).

Member, Served on selection committee for Horticulture Extension Agent - Adams County. (2011 - Present).

Gave 38 oral presentations and/or tours and/or short courses to professional groups in CO and Nation, CO. (2010 - Present).

High Plains Environmental Center. (2010 - Present).

HortScience. (2010 - Present).

Member, ISA. (2010 - Present).

Journal of Arboriculture and Urban Forestry. (2010 - Present).

Plant Select® - President Board of Directors. (2008 - Present).

Attendee, Meeting, WERA - 1013 International Regional Evaluation and Introduction of Native Plants. (2005 - Present).

ISA - Rocky Mountain Chapter. (2002 - Present).

Specialty Crops Program Advisory Committee. (2001 - Present).

Extension Plan of Work. (2000 - Present).

Publication Sub-committee. (2000 - Present).

ProGreen Expo Trade Show. (1997 - Present).

Member, Associated Landcape Contractors of Colorado. (1995 - Present).

Plant Select®. (1995 - Present).

Committee Chair, Plant Select®. (1995 - Present).

Chair- PlantTalk Colorado™. (1994 - Present).

Committee Chair, Horticultural Research Gardens/Annual Trial Gardens Advisory Committee. (1993 - Present).

Director - Plant Environmental Research Center. (1992 - Present).

Committee Chair, Student and Social Activities Committee. (1992 - Present).

College of Agricultural Sciences Academic Affairs. (1990 - Present).

ISA. (1985 - Present).

Pi Alpha Xi - Chi Chapter. (1985 - Present).

Pi Alpha Xi National. (1985 - Present).

Scholarships and Awards Committee. (1985 - Present).

Resident Instruction Committee. (1983 - Present).

WRC - 58 Handling of Nursery Stock. (1982 - Present).

ASHS. (1980 - Present).

ASHS. (1980 - Present).

ASHS. (1980 - Present).

ASHS. (1980 - Present).

FFA Horticulture Coordinator. (1980 - Present).

Horticulture Club. (1980 - Present).

Served on selection committee for Horticulture Extension Agent Douglas County. (2010 - 2011).

Departmental Code Committee. (2006 - 2011).

Green Roof Subcommittee for EPA Building in Denver. (2006 - 2011).

Member, ISA. (2005 - 2011).

Colorado Garden and Home Show - CSU Education Garden - Horticulture Advisor. (2010).

CSU/GreenCO Horticulture Short Course - Chair (odd years). (2010).

CSUCE - Environmental Horticulture Plan of Work - CoChair. (2010).

Plant Select® for the Rocky Mountains and Plains States (introduced 7 plants in 2010) President Board of Directors, and member of Marketing and Propagation Committee. (2010).

PlantTalk Colorado" - Chair. (2010).

Turf and Landscape Field Day - CoChair (even years). (2010).

Twilight Garden Series - Coordinator. (2010).

Committee Chair, Promotion and Tenure Committee. (2004 - 2010).

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

Green Industry Companies, Green Industry, Front Range, Colorado, United States. (January 1, 2014 - December 31, 2015).

(2012).

(2011).

Board of Directors of a Company, ISA - Rocky Mountain Chapter. (1998 - Present).

Board of Directors of a Company, Garden Centers of Colorado. (1990 - Present).

Board of Directors of a Company, GreenCo Foundation. (1990 - Present).

Board of Directors of a Company, Colorado Nursery and Greenhouse Association (CNGA). (1985 - Present).

Church of Blessed Sacrament. (2012 - Present).

Fort Collins Community Horticulture Program and Gardens at Spring Creek. (2012 - Present).

Church of Blessed Sacrament. (2011 - Present).

Fort Collins Community Horticulture Program and Gardens at Spring Creek. (2011 - Present).
