

CURRICULUM VITAE

NAME

Wallner, Stephen J

ADDRESS

Horticulture and Landscape Architecture
College of Agricultural Sciences

Shepardson

PHONE

(970) 491-7018

EDUCATION

1973 Ph D, Iowa State University

1969 MS, South Dakota State University

1967 BS, South Dakota State University

OTHER POSITIONS

1995 - Present Professor and Head, Colorado State University.

1988 - 1995 Professor and Head, Pennsylvania State University.

1979 - 1988 Professor/Associate Professor, Colorado State University.

1975 - 1979 Assistant Professor, Pennsylvania State University.

1973 - 1975 Research Officer (Promoted to Captain, 1975), U.S. Army Natick Food Labs-Northeastern University.

PUBLISHED WORKS

Refereed Journal Articles

(2004). Growth response of four turfgrass species to salinity. *Agr Water Manage*, 66, 97-111.

(1991). Ethylene and Ethane Evolution during Cold-Acclimation and Deacclimation of Ponderosa Pine. *Can J Forest Res*, 21, 601-605.

(1990). Cell-Wall and Extensin Messenger-Rna Changes during Cold-Acclimation of Pea-Seedlings. *Plant Physiol*, 93, 1021-1026.

(1988). Freezing Woody Plant Stems Produces Acoustic Emissions. *J Am Soc Hortic Sci*, 113, 636-639.

(1988). Role of Regulation and Accumulation of Extensin in the Cell-Walls of Etiolated Pea-Seedlings Exposed to Stress. *Hortscience*, 23, 802-802.

(1987). Comparison of Freezing Tolerance in Cultured Plant-Cells and Their Respective Protoplasts. *Cryobiology*,

24, 53-57.

- (1987). Demonstration That the Galactosyl and Arabinosyl Residues in the Cell-Wall Arabinogalactan of Mycobacterium-Lepae and Mycobacterium-Tuberculosis Are Furanoid. *Carbohydr Res*, 166, 299-308.
- (1986). Basic Research Ideas and Opportunities for Horticulturists in Stress Physiology - Introduction to the Symposium. *Hortscience*, 21, 1312-1313.
- (1986). Changes in Extracellular Polysaccharides during Cold-Acclimation of Cultured Pear Cells. *J Am Soc Hortic Sci*, 111, 769-773.
- (1985). Effect of Temperature on Freezing and Heat-Stress Tolerance of Cultured Plant-Cells. *Cryobiology*, 22, 191-195.
- (1985). Estimation of Cold Hardiness of Douglas-Fir and Engelmann Spruce Seedlings by Differential Thermal-Analysis of Buds. *Ann Appl Biol*, 106, 393-397.
- (1984). Cell-Wall Changes in Pea and Wheat Seedlings during Cold-Acclimation. *Hortscience*, 19, 548-548.
- (1984). Conditioning of Micropropagated Potato Plants for Improved Field Performance. *Hortscience*, 19, 537-537.
- (1984). Drought and Growth Stage Interactions of Onion. *Hortscience*, 19, 574-574.
- (1984). Dta of Seedling Douglas-Fir and Engelmann Spruce Buds. *Hortscience*, 19, 549-549.
- (1984). Extracellular Polysaccharides and Freezing-Injury in Pear Cell-Cultures. *Hortscience*, 19, 548-548.
- (1984). Heat-Shock Vs 30-Degrees-C Growth Effects on Pear Cell Heat Tolerance. *Hortscience*, 19, 548-548.
- (1984). Heat-Stress Responses in Cultured Plant-Cells - Effect of Culture Handling and Age. *Plant Physiol*, 74, 944-946.
- (1984). Heat-Stress Responses in Cultured Plant-Cells - Heat Tolerance Induced by Heat-Shock Versus Elevated Growing Temperature. *Plant Physiol*, 75, 778-780.
- (1983). Effect of Water-Stress on Invitro Heat Tolerance of Turfgrass Leaves. *Hortscience*, 18, 93-95.
- (1983). Heat-Stress Responses in Cultured Plant-Cells - Development and Comparison of Viability Tests. *Plant Physiol*, 72, 817-820.
- (1982). Ecotypic Differences in Heat-Resistance of Aspen Leaves. *Hortscience*, 17, 52-53.
- (1982). Effect of Growth Stage on the Relationship between Soil-Moisture Depletion and Evaporative Power of the Air in an Onion Field in Ne Colorado. *Hortscience*, 17, 25-26.
- (1982). Heat-Stress Responses of Suspension-Cultured Pear Cells. *Hortscience*, 17, 487-487.
- (1982). Lettuce Seed Differential Thermal-Analysis (Dta). *Hortscience*, 17, 26-26.
- (1982). Measurement of Turfgrass Heat Tolerance Invitro. *J Am Soc Hortic Sci*, 107, 608-613.

TEACHING:

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr. Hrs.</u>	<u>Enrollment</u>
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2016	Spring	HORT698 - Research	18	15
2016	Spring	HORT792 - Seminar	1	8
2016	Spring	HORT699 - Thesis	18	7
2015	Fall	HORT486B - Practicum-General	6	1
2015	Fall	HORT698 - Research	18	18
2015	Fall	HORT699 - Thesis	18	2
2015	Summer	HORT698 - Research	18	7
2015	Summer	HORT588 - Supervised Extension Practices	18	1
2015	Spring	HORT795 - Independent Study	18	1
2014	Fall	HORT698 - Research	18	12
2014	Summer	HORT487 - Internship	18	30
2014	Spring	HORT495 - Independent Study	18	8
2014	Spring	HORT487 - Internship	18	3
2014	Spring	HORT486B - Practicum-General	6	2
2014	Spring	HORT784 - Supervised College Teaching	18	6
2013	Fall	HORT496 - Group Study	18	2
2013	Fall	HORT487 - Internship	18	36
2013	Fall	HORT698 - Research	18	10
2013	Summer	HORT487 - Internship	18	35
2013	Summer	HORT486B - Practicum-General	6	1
2013	Spring	HORT795 - Independent Study	18	1
2012	Spring	HORT792 - Seminar	1	9
2011	Fall	HORT792 - Seminar	1	9
2007	Fall	HORT580 - Phytochemicals to Improve Human Health	3	2

COMMITTEES

PROFESSIONAL AFFILIATIONS AND ACTIVITIES
