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CURRENT RESEARCH PROJECTS:

Evaluation and development of stress tolerant and sustainable turfgrasses for the Intermountain West. Utah Agricultural Exp. Station, Center for Water Efficient Landscaping, United States Dept. of Agriculture, Utah Botanical Center.

Improved understanding and testing for salinity tolerance in cool-season turfgrasses, United States Golf Association.

National Variety Trials: Tall fescue test, fineleaf fescue test, fairway bentgrass test, putting green bentgrass test. National Turfgrass Evaluation Program, Utah Agricultural Exp. Station.

EDUCATION:

Ph.D. Horticulture, 1995, University of Minnesota, St. Paul, Minnesota. Related field: Plant breeding.

M.S. Horticulture, 1991, University of Minnesota, St. Paul, Minnesota.

B.S. Horticulture, 1986, Iowa State University, Ames, Iowa.

TEACHING:

Professional Turf / Urban Landscape Water Management, PSC 5100.

Turfgrass Management, PSC 3810.

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Improved understanding and testing for salinity tolerance in cool-season turfgrasses. United States Golf Association.

National Variety Trials: Kentucky bluegrass, tall fescue, fine leaf fescue, fairway bentgrass, putting green bentgrass.

National Turfgrass Evaluation Program, Utah Agricultural Exp. Station.

SELECTED REFEREED PUBLICATIONS:

Bushman, B.S., S.E. Warnke, K.L. Amundsen, K.M. Combs, and P.G. Johnson. 2013. Molecular markers highlight variation within and among Kentucky bluegrass varieties and accessions. *Crop Science* (in press).

Johnson, P.G., D.A. Johnson, and K.J. Connors. 2013. Evaluation of Chinese and Kyrgyzstan grass germplasm collections for maintenance of green cover under limited irrigation in western North America. *International Turfgrass Research Journal* 12:305-318.

Johnson, P.G., F.S. Rossi, and B.P. Horgan. 2013. Sustainable Turfgrass Management in an increasingly urbanized world. In *Turfgrass*, eds. J.C. Stier, B.P. Horgan, and S.A. Bonos. pp. 1007-1028; ASA/CSSA/SSSA, Madison, WI.

Johnson, P.G., A. Van Dyke, E. Hodgson, M. Murray, and K. Kopp. 2012. Interest, incentives, and education towards organic golf course management: A study of Utah golf course superintendents. *Applied Turfgrass Science* (online) doi:10.1094/ATS-2012-0320-01-TT

Leksungnoen, N., P.G. Johnson, and R.K. Kjelgren. 2012. Physiological responses to drought of turfgrass species under high desert conditions. *HortScience* 47:105-111.

Bushman, S., B.L. Waldron, J. Robins, K. Bhattarai, and P.G. Johnson. 2012. Summer percent green cover among Kentucky bluegrass (*Poa pratensis* L.) cultivars, accessions, and other *Poa* species managed under deficit irrigation. *Crop Science* 52:400-407.

Robins, J.G., B.S. Bushman, B.L. Waldron and P.G. Johnson. 2009. Variation within *Poa* germplasm for salinity tolerance. *HortScience* 44:1517-1521.

Patterson, J.T., S.R. Larson, and P.G. Johnson. 2005. Genome relationships in polyploid *Poa pratensis* and other *Poa* species inferred from phylogenetic analysis of nuclear and chloroplast DNA sequences. *Genome* 48:76-87.