Steven E. Smith

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Education

Ph.D., Plant Breeding, Cornell University, 1984. Advisor: R.P. Murphy.

M.S., Plant Breeding, Cornell University, 1982. Advisor: D.R. Viands.

B.S., Plant Science, University of California, Davis, 1979.

Employment history

Associate Professor, School of Natural Resources and the Environment, 1999–, and School of Plant Sciences, University of Arizona, 1989–

Assistant Professor, Department of Plant Sciences, University of Arizona, 1984–1989.

Postdoctoral Research Associate, University of Wisconsin-Madison, 1984.
Supervisor: E.T. Bingham, Department of Agronomy.

Graduate Research Assistant, Cornell University, 1979–1984.
Supervisor: R.P. Murphy, Department of Plant Breeding and Biometry.

Teaching responsibilities

Field Botany (RNR 230R, hybrid course), Fall Semester, Spring Semester and Summer Session, five week first.

Field Botany Laboratory (RNR 230L), Fall Semester.

Our Place in Nature: Biology and the Environment (RNR 170C1, hybrid course), Spring Semester.

Sustainable Earth: Natural Resources and the Environment (RNR 150C1), Spring Semester.

(Document describing complete instructional history at the University of Arizona is available on-line.)

Awards

The Ted and Shirley Taubeneck Superior Teaching Award, Humanities Seminar Program, College of Humanities, University of Arizona, 2019.

The Bart Cardon Sustained Excellence in Teaching Award, College of Agriculture and Life Sciences, University of Arizona, 2015.

Research Career Development Award, College of Agriculture, University of Arizona, 2006.

Faculty Teaching Award, College of Agriculture, University of Arizona, 2005.

Leadership positions in College and University service

Faculty Council, College of Agriculture and Life Sciences, 2015-, Chair, 2016-2017.

Committee on Conciliation, University of Arizona, 2012-2016, Chair, 2015-2016.

Undergraduate Council, University of Arizona, Chair, 2000-2002.

Student Affairs Policy Committee, University of Arizona, Chair, 2000-2002.

Faculty Senate Executive Committee, University of Arizona, Member, 2000-2002.

Publications (2013-)

Soleri, D., D.A. Cleveland, and S.E. Smith. Food gardens for sustainable diets in the Anthropocene. Pitoello, S. and K. Kevany (eds.), *Routledge Sustainable Diets Handbook* [In press].

Noble, J.A., A. Seddon, S. Uygun, S.E. Smith, S.-H. Shiu, and R. Palanivelu. The SEEL Motif and Members of the MYB-related REVEILLE Transcription Factor Family are Important for the Expression of LORELEI in the Synergid Cells of the Arabidopsis Female Gametophyte. Plant Reproduction (In press).

Soleri, D., D.A. Cleveland, S.E. Smith. 2019. *Food Gardens for a Changing World: A resource for growing food for healthy people, communities, and ecosystems.* Wallingford, Oxfordshire, UK: CABI (Centre for Agriculture and Biosciences International).

Sezen, U. Uzay, J. N. Barney, D. Z Atwater, G.A. Pederson, J.F. Pederson, J.M. Chandler, T.S. Cox, S. Cox, P. Dotray, D. Kopec, S.E. Smith. J. Schroeder, S.D. Wright, Y. Jiao, W. Kong, V. Goff, S. Auckland, L.K. Rainville, G.J. Pierce, C. Lemke, R. Compton, C. Phillips, A. Kerr, M. Mettler, and A.H. Paterson. 2016. Multi-phase US spread and habitat switching of a post-Columbian invasive, *Sorghum halepense*. PLoS ONE 11(10:e0164584).

Monihan, S.M., C.A. Magness, R. Yadegari, S.E. Smith, and K.S. Schumaker. 2016. Arabidopsis CALCINEURIN B-LIKE10 functions independently of the SOS pathway during reproductive development in saline conditions. Plant Phys. 171:369-379.

Pavliscak, L.L., J.S. Fehmi, and S.E. Smith. 2014. Assessing emergence of a long-lived monocarpic succulent in disturbed, arid environments: Evaluating abiotic factors in effective *Agave* restoration by seed. Arid Land Res. Manage. 29:1-12.

Brown, J. Jed, Edward P. Glenn, and S.E. Smith. 2014. Feasibility of halophyte domestication for high-salinity agriculture. In: M.A. Khan et al. (eds.), Sabkha Ecosystems: Volume IV: Cash crop halophyte and biodiversity conservation. Tasks for Vegetation Science 47:73-80.

Soleri, Daniela, Margaret Worthington, Flavio Aragón-Cuevas, Steven E. Smith, and Paul Gepts. 2013. Farmers' varietal identification in a reference sample of local *Phaseolus* species in the Sierra Juárez, Oaxaca, Mexico. Econ. Bot. 64:283-298.

Smith, S.E., Ma. G. Mendoza, G. Zuniga, K. Halbrook, and D.N. Byrne. 2013. Predicting the distribution of a novel bark beetle and its pine hosts under future climate conditions. Agric. and Forest Entomol. 15:212-226.

Invited presentation (2013-)

"A Plant Breeder Becomes an Ecological Geneticist." Department of Plant and Wildlife Sciences, Brigham Young University, Provo, UT, March 21-22, 2018.

Funded Grants (2013-)

Industry
Optimizing seed production and stand establishment of two minimum-input turfgrass species. United States Golf Association, 2017-2019, $26,190.

Assessment of irrigation treatments: Recalibrating recommended guidelines for lower water use. RainBird Inc., 2011-2014, $83,000.

Federal
Predicting buffelgrass greenup to improve fuels treatment efficacy. National Park Service, 2014, $44,287.