

Biographical Sketch

GREGORY C. PHILLIPS

A. Professional Preparation

B. A. Philosophy, 1975	University of Kentucky
Graduate Sabbatical, 1978	Plant Biotechnology Institute, Saskatoon, Canada
Ph.D. Crop Science, 1981	University of Kentucky
Sabbatical, 1989-1990	University of Kentucky

B. Appointments

2011 –present	Professor of Plant Biotechnology, College of Agriculture & Technology, Arkansas State University, Jonesboro, Arkansas
2005-2009	Dean, College of Agriculture & Technology; Dean, College of Engineering; Dean, College of Sciences & Mathematics; Arkansas State University, Jonesboro, Arkansas
2003-2011	Dean, Director of Agricultural Research, Professor of Plant Biotechnology, College of Agriculture & Technology, Arkansas State University, Jonesboro, Arkansas
1992-1999	Director, Molecular Biology Doctoral Program, New Mexico State University, Las Cruces, New Mexico
1990- 2003	Professor, Department of Agronomy & Horticulture, New Mexico State University, Las Cruces, New Mexico
1986-1990	Associate Director, Plant Genetic Engineering Laboratory, New Mexico State University, Las Cruces, New Mexico
1985-1990	Associate Professor, Department of Agronomy & Horticulture, New Mexico State University, Las Cruces, New Mexico
1983-1985	Interim Director, Plant Genetic Engineering Laboratory, New Mexico State University, Las Cruces, New Mexico
1981-1985	Assistant Professor, Department of Horticulture, New Mexico State University, Las Cruces, New Mexico
1976-1981	Graduate Research Assistant, Department of Agronomy, University of Kentucky
1971-1975	Research Aide (part-time), Department of Agronomy, University of Kentucky

C. Publications (Total of 45 journal articles, 30 invited chapters, 1 lab manual, 91 miscellaneous)

Last Five Years:

- Dabul, A.N.G., H. Belefant-Miller, M. RoyChowdhury, J.F. Hubstenberger, A. Lorence, and G.C. Phillips. 2009. Screening of a broad range of rice (*Oryza sativa* L.) germplasm for *in vitro* rapid plant regeneration and development of an early prediction system. *In Vitro Cell. Devel. Biol. – Plant* 45:414-420.
- Armah, P., A. Archer, and G.C. Phillips. 2009. Drivers leading to higher food prices: Biofuels are not the main factor. (Invited article) *In Vitro Cell. Devel. Biol. – Plant*: 45:330-341.
- Ge, X., D.M. Burner, J. Xu, G.C. Phillips, and G. Sivakumar. 2011. Bioethanol

production from dedicated energy crops and residues in Arkansas, USA. *Biotechnol. J.* 6:66-73.

Ge, X., N. Zhang, G.C. Phillips, and J. Xu. 2012. Growing *Lemna minor* in agricultural wastewater and converting the duckweed biomass to ethanol. *Bioresource Technol.* 124:485-488.

Greenway, M.B., I.C. Phillips, M.N. Lloyd, J.F. Hubstenberger, and G.C. Phillips. 2012. A nutrient medium for diverse applications and tissue growth of plant species *in vitro*. *In Vitro Cell. Devel. Biol. – Plant* 48:403-410.

Lisko, K.A., J.F. Hubstenberger, G.C. Phillips, H. Miller, A. McClung, and A. Lorence. 2013. Ontogenetic changes in vitamin C in selected rice varieties. *Plant Physiol. Biochem.* 66:41-46.

D. Synergistic Activities

Editorial Activities: I was an Editor for the journal, *Plant Cell Reports*, 1986 - 2009. I served as Editor-in-Chief for the journal, *In Vitro Cellular and Developmental Biology – Plant*, 1999-2007, forming the first functional Editorial Board. As Emeritus Editor-in-Chief, I worked with the incoming Editor-in-Chief in revising the Matrix Categories and Criteria for the journal and in selecting reviewing editors.

Professional Society Service: I served as Secretary/Treasurer for the Plant Biotechnology Division of the Society for In Vitro Biology 1996-1998. In 2004, I was named Fellow of the Society for In Vitro Biology. I served as Vice President and member of the Board of Directors of the Society for In Vitro Biology 2010-2012.

Arkansas Department of Agriculture: I served as an Ex-officio member of the Arkansas Agriculture Board, advising the state Department of Agriculture leadership, 2005-2011.

Dean of Three Colleges: I served as dean over three related colleges at ASU from 2005—2009: Dean of the Colleges of Agriculture & Technology, Engineering, and Sciences & Mathematics.

Education Outreach: In 2004, I organized a Petting Zoo hosted by the College of Agriculture & Technology once each semester. This 3-day event each semester brings approximately 900 preschool to elementary age children and 3,000 from the general public to the college farm for a unique experience. In 2006, this college became a co-sponsor to establish the ASU Regional Farmers' Market, held each Saturday morning and Tuesday afternoon, May through October. This is also hosted on the ASU Farm, and brings over 20,000 people to campus annually.

E. Career Grantsmanship

As sole PI, and pro-rata proportion of grants as a co-PI, totals \$6,417,571; received from USDA, DOD, USGS, WRRI, NIH, state agencies, and private companies.