

CURRICULUM VITA

NAME AND TITLE: JULIAN CREIGHTON MILLER, JR.

Professor of Horticulture, of Genetics, and Biotechnology
Department of Horticultural Sciences
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EDUCATION:

Ph.D. (Horticulture, Breeding-Genetics), Michigan State University,
1972
M.S. (Horticulture), Louisiana State University, 1967
B.S. (General Studies), Louisiana State University, 1965

PROFESSIONAL SUMMARY:

Dr. Miller is Professor in the Department of Horticultural Sciences at Texas A&M University, College Station. He is Director of the Texas Potato and Legume Improvement Programs and has developed or co-developed 19 new potato and legume varieties. He has authored/co-authored more than 400 scientific publications. Dr. Miller has taught six different undergraduate and graduate courses. He was the 1992 recipient of the prestigious L.M. Ware Distinguished Teaching Award from the Southern Region American Society for Horticultural Science. In 2005, he received the Distinguished Achievement Award in Teaching from the Association of Former Students of Texas A&M University. He is a Past President of the American Society for Horticultural Science – Southern Region and of The Potato Association of America, and an Honorary Life Member (Fellow) of the latter organization. He is also a Fellow of the American Society for Horticultural Science and former Vice-President for Research. He was the 2009 recipient of the Outstanding Researcher Award presented by the American Society for Horticultural Science.

PROFESSIONAL AND ACADEMIC EXPERIENCE:

Graduate Faculty of Biotechnology, 2010 –
Graduate Faculty of Molecular and Environmental Plant Sciences, 1984-2008
Professor, Texas A&M University, 1982-
Graduate Faculty of Genetics, 1981-
Unit Head, Montague Fruit Demonstration Center, 1980-83
Interim Head, Horticultural Sciences Department, 1980-83
Associate Professor, Texas A&M University, 1977-82
Assistant Professor, Texas A&M University, 1975-77
Assistant Professor, Texas Agricultural Experiment Station, Lubbock, 1972-75
Research Assistant, Michigan State University, 1968-72
Research Assistant, University of Wisconsin, 1967-68
Research Assistant, Louisiana State University, 1965-67

TEACHING (COURSES TAUGHT) AND RELATED ACTIVITIES:

Concepts of Horticultural Science, Commercial Vegetable Production, Plant Breeding 404/Genetics 404, Postharvest Physiology of Horticulture Crops, Senior Seminar, Problems in Horticulture (undergraduate & graduate), Problems in Genetics (undergraduate & graduate), Professional Internship, Special Topics in Vegetable Breeding & Genetics, and Theory of Research; Founder and Advisor, Horticultural Sciences Graduate Student Organization, TAMU, 1975-85; TAMU University Mentor (Undergraduate Counselor) 1987-

PUBLICATION TOTAL:

Total 403: 66 refereed journal articles, 6 book chapters, 21 proceedings, 13 referred variety release articles, 2 theses, 135 technical articles, 127 abstracts, 2 websites, and 31 national and international invited papers.

SELECTED PUBLICATIONS:

Bamberg, J. and J.C. Miller, Jr. 2012. Comparisons of *gal* with other reputed gibberellin mutants in potato. *Amer. J. Potato Res.* 89:142-149.

Brown, C. R., K.G. Haynes, M. Moore, M.J. Pavek, D.C. Hane, S.L. Love, R.G. Novy, and J.C. Miller, Jr. 2012. Stability and Broad-sense Heritability of Mineral Content in Potato: Calcium and Magnesium. *Amer. J. Potato Res.* 89:255-261.

deBona, C.M., D.C. deCarvalho, D.M. Stelly, J.C. Miller, Jr, and E.S. Louzada. 2011. Symmetric and asymmetric somatic hybridization in citrus: a review. *Citrus Research & Technology, Cordeiropolis.* 32:139-153.

Brown, C. R., K.G. Haynes, M. Moore, M.J. Pavek, D.C. Hane, S.L. Love, R.G. Novy, and J.C. Miller, Jr. 2011. Stability and Broad-sense Heritability of Mineral Content in Potato: Zinc. *Amer. J. Potato Res.* 88:238-244.

Butler, C.D., B. Gonzalez, M.L. Keremane, R.F. Lee, R.G. Novy, J.C. Miller, and J.T. Trumble. 2011. Behavioral responses of adult potato psyllid, *Bactericera cockerelli* (Hemiptera: Triozidae), to potato germplasm and transmission of *Candidatus Liberibacter psyllae*. *Crop Prot.* 30:1233-1238.

Blessington, T., M.N. Nzaramba, D.C. Scheuring, A.L. Hale, L. Reddivari, and J.C. Miller, Jr. 2010. Cooking methods and storage treatments of potato: Effects on carotenoids, antioxidant activity, and phenolics. *Amer. J. Potato Res.* 87:479-491. (**Outstanding Paper Award 2010, Potato Association of America**).

Brown, C. R., K.G. Haynes, M. Moore, M.J. Pavek, D.C. Hane, S.L. Love, R.G. Novy, and J.C. Miller, Jr. 2010. Stability and broad-sense heritability of mineral content in potato: Iron. *Amer. J. Potato Res.* 87: 390-396.

Jansky, S. and J.C. Miller, Jr. 2010. Evaluation of *Verticillium* wilt resistance in Russet Norkotah and six strain selections. *Amer. J. Potato Res.* 87:492-496.