



# Ohio State HCS News

HORTICULTURE & CROP SCIENCE IN VIRTUAL PERSPECTIVE - THE OHIO STATE UNIVERSITY

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## Miller McDonald Earns AOSA Merit Award



Association of Official Seed Analysts  
President Wayne Guerke (right) presents  
Miller McDonald with the 2006 Merit Award.

Ohio State Professor **Miller B. McDonald** was honored for his outstanding contributions to the advancement of seed testing by the [Association of Official Seed Analysts](#) (AOSA). A Horticulture & Crop Science Department seed biologist, Dr. McDonald earned the AOSA 2006 Merit Award and received a plaque at the June 6th joint meeting of the AOSA and the [Society of Commercial Seed Technologists](#) (SCST) in Indianapolis. The Merit Award is given to a single person each year and recognizes the individual who has made the most significant contributions to the society and the discipline.

"Dr. Miller McDonald has made countless contributions to the AOSA and the SCST, which have had significant impact on seed science and technology," explains AOSA President **Wayne Guerke**. "As President for the [International Society of Seed Technologists](#), McDonald has been an international ambassador who promoted the training and certification of seed technologists worldwide. He has influenced the lives of many students at The Ohio State University that have gone on to careers in the seed industry."

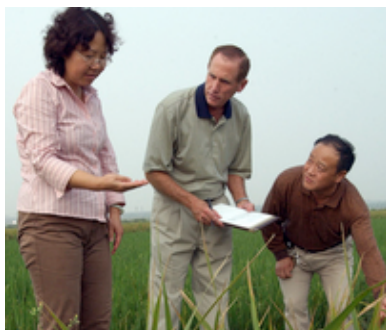


OSU seed biologist Miller McDonald

"Professor McDonald routinely presses the envelope with his innovative research and thought provoking presentations. He has been a prolific author of publications on seed science and technology, including books, chapters in books, editor, and refereed research publications. He routinely participates in AOSA/SCST symposia and workshops. Dr. McDonald has truly been a dedicated friend of our associations and is most deserving of recognition with the AOSA Merit Award," states Guerke, a Division Director with the Georgia Department of Agriculture.

A noted seed technology author, Dr. McDonald and collaborator Lawrence Copeland wrote the "Principles of Seed Science and Technology." Now in its 4th edition, this textbook provides comprehensive coverage on the subject of seed science and technology for the advanced undergraduate student. The two authors also worked together to produce the textbook "Seed Production: Principles and Practices."

McDonald has also teamed with **Francis Kwong** of PanAmerican Seed to produce a much-needed resource on the biology and technology of flower seeds. Published in December 2005 by Cabi Publishing, "Flower Seeds: Biology and Technology" brings together the leading international authorities from academia and industry to create an essential reference tool for anyone interested in flower seeds.



Miller McDonald discusses the production of hybrid rice seeds with Chinese experts Jianhua Wang (left) and Mr. Li (right).

McDonald has also facilitated the establishment of a five-institution consortium to achieve the objective of global seed technology education for U.S. students and industry employees. The collaborators, called the Consortium for International Training of Seed Technologists (CITST), include Brazil's [Escola Superior de Agricultura "Luiz Queiroz"](#), the [China Agricultural University](#), the [Pontificia Universidad Catolica de Chile](#) in Santiago and [Alabama A&M University](#).

An OSU faculty member since 1976, McDonald is a Fellow of the Crop Science Society of America (1990) and the American Society of Agronomy (1989). He was selected as Honorary Member of the Society of Commercial Seed Technologists in 1988. He earned his Bachelor's degree from the University of Virginia (1968) and his Master's degree from Wake Forest University (1972). McDonald graduated from Cornell University in 1975 with his doctorate.

Story and web publishing by [Victor van Buchem](#). Award photo courtesy Wayne Guerke. McDonald photo by Jodi Miller. Field photo by Ken Chamberlain.

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