

Biography

Stephen Moose is the Alexander Professor of Maize Breeding and Genetics in the Department of Crop Sciences at the University of Illinois. His early years were spent on a small diversified farm in Northeast Ohio. He received his B.S. degree in Biology from Case Western Reserve University and obtained his Ph.D. in Genetics and Crop Science from North Carolina State University, where he discovered genes that regulate developmental timing in maize. Following postdoctoral work that identified a key regulator of maize seed composition, Dr. Moose spent two years as a Project Leader at Dekalb Genetics Corporation and then Monsanto Company, using biotechnology to enhance corn grain nutritional quality. Dr. Moose joined the faculty at the University of Illinois in 1999, where his research program focuses on understanding how gene regulatory programs may be modified for crop improvement. His efforts have focused on corn and related grasses for bioenergy applications. Dr. Moose teaches undergraduate and graduate courses on the topics of biotechnology and genome science, and how advances in these areas are being applied to crop improvement. He also frequently presents on these topics to a variety of public audiences.