**­­Professional Biography**

**C. Michael Smith, Professor of Entomology, Kansas State University**

Mike Smith was born and raised in Oklahoma and is a Cherokee Indian Nation citizen. He received his B. S. in Biology at Southwestern Oklahoma State University, and his M.S. and Ph.D. degrees in Entomology from Mississippi State University. Following a post-doctorate at North Carolina State University and faculty appointments at Louisiana State University and University of Idaho, he has served as Professor of Entomology at Kansas State University since 1990. Smith’s K-State research group has identified numerous genes in barley and wheat plants resistant to *Diuraphis noxia* and established that transcriptomes of resistant plants are expressed more rapidly and at higher levels than those of susceptible plants.A putative *D. noxia* resistance gene in wheat was recently silenced using virus induced gene silencing. As a Fulbright scholar, Smith’s collaborations with European & African scientists identified the first *Diuraphis noxia* biotypes in North Africa and South America. Recent research by Smith’s group has revealed evidence of a second *D. noxia* North American invasion in 2004.

During his research career, Smith has published collaborative research results in more than 90 manuscripts in refereed journals, the majority of which are in Entomological Society of America (ESA) publications, 16 book chapters, and three host plant resistance textbooks, the most recent being *Plant Resistance to Arthropods: Molecular and Conventional Approaches*.

Smith is a recognized authority in the field of plant resistance to arthropods, presenting more than 60 invited lectures in 18 different countries. He is currently a subject editor for *The* *Journal of Economic Entomology* and *Arthopod Plant Interactions.* and author of three host plant resistance textbooks, the most recent being *Plant Resistance to Arthropods: Molecular and Conventional Approaches*.

He and his collaborators have been awarded over $4 million in extramural funding support from the National Science Foundation, the USAID, the USDA, the Kansas Crop Improvement Association, the Kansas Soybean Commission, the Kansas Wheat Commission and the Research Council for International Exchange of Scholars. He served as an invited Expert External Examiner for Dissertation Assessment Panels at The Royal Veterinary and Agricultural University (KVL) (Copenhagen Denmark), the Universität für Bodenkultur (Vienna Austria) and the University of Pretoria (South Africa).

Smith has varied teaching interests as well. He has taught *Plant Resistance to Insects* at Louisiana State University (1978-1988), the University of Idaho (1989-199o), and at KState since 1998, as well as in the Czech Republic and Egypt. He began teaching *General Entomology* at KState in 2000, and prior to that has given his *Bugs, Bugs, Bugs*outreach presentation to at-risk students Wichita, KS, to gifted/talented public school students in Manhattan, KS and at the Kansas State Fair.

In 2004, Smith was named a recipient of the K-State Foundation E. Walter Morrison Award and in 2009 he received the K-State Gamma Sigma Delta Honor Society of Agriculture Distinguished Faculty Award. He was previously named an ESA Fellow in 2006 and served as an ESA Governing Board Representative. In 2010, Smith received the ESA Recognition Award in Entomology, which recognizes entomologists who are making significant contributions to agriculture.

Smith is married to Rita Reid Smith (RPh). They have two daughters: Dr. Segen Smith Chase (internal medicine, B. A. K-State, 2000) and Dr. Sonder Smith Crane (pediatrics, B. A. K-State, 2004).