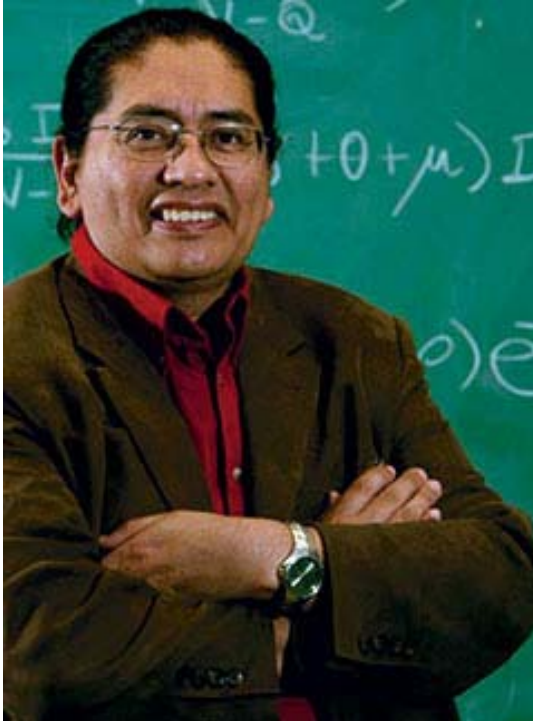


STORER LIFE SCIENCES ENDOWMENT

PRESENTS

MAJOR ISSUES IN MODERN BIOLOGY

Carlos Castillo-Chavez



"The Complexity of Epidemics and the Simplicity of Epidemiological Theory: with examples from the H1N1 ongoing pandemic"

**Regents Professor, and
Joaquin Bustoz Jr. Professor
of Mathematical Biology
Department of Mathematics and Statistics
Arizona State University**

Professor Carlos Castillo-Chavez's pioneering research program is carried out at the interface of the natural and social sciences, and it puts emphasis on the role of dynamic social landscapes on disease evolution. Currently, his research efforts focus on problems at the interface of homeland security and disease invasions (natural or deliberate) and on models for the spread of social "diseases" that involve addiction.

Dr. Castillo-Chavez has received numerous awards including two White House Awards, the 2002 SACNAS (Society for the Advancement of Chicanos and Native Americans in Science) Distinguished Scientist Award, and the Richard Tapia Award. He received the 2007 AAAS Mentor Award for his efforts in securing funds and mentoring the Ph.D. careers for underrepresented students in mathematics and biological sciences.

Wednesday, September 30, 2009

4:10 P.M.

1005 Genome

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