



CARLOS CASTILLO CHAVEZ

MONDAY, APRIL 7TH
GRAND SALON,
CSUCHANNEL ISLANDS

BIO: Carlos Castillo-Chavez is a Regents Professor and a Joaquin Bustoz Jr. Professor of Mathematical Biology at Arizona State University. An extraordinarily accomplished scholar, he has co-authored over 200 publications. His numerous awards include the SACNAS Distinguished Scientist Award and the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring; he is a fellow of the AAAS (American Association for the Advancement of Science), SIAM (Society for Industrial and Applied Mathematics), AMS (American Mathematical Society), and the ACE (American College of Epidemiology). Institutes he founded and direct have sent over 70 students from under-represented minorities on to Ph.D. studies in STEM fields.



Channel Islands
CALIFORNIA STATE UNIVERSITY

3:00-4:00 pm

MATHEMATICAL, COMPUTATIONAL AND THEORETICAL EPIDEMIOLOGY:

Challenges, Opportunities
and Mentorship

ABSTRACT: The marriage of mathematics and epidemics has a long and distinguished history with a plethora of successes that go back to the work of Daniel Bernoulli (1700 - 1782), Nobel Laureate and physician Sir Ronald Ross (1911) and associates. The field of mathematical epidemiology was mostly created by physicians in their efforts to diminish health disparities, the consequences of poverty and the lack of access to health services. Dr. Castillo Chavez will discuss the role of the mathematical sciences in addressing health disparities issues and inspiring students, particularly those from economically disadvantaged backgrounds, to learn and use mathematics to address interdisciplinary and trans-disciplinary research questions.

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*highly interdisciplinary research
the intersections of the
mathematical, natural,
and social sciences*
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7:30-8:30 pm

STEM DIVERSITY SPEAKER SERIES

Dr. Castillo Chavez will discuss the role of the mathematical sciences in addressing health disparities issues and inspiring students, particularly those from economically disadvantaged backgrounds, to learn and use mathematics to address interdisciplinary and trans-disciplinary research questions.

SPONSORED BY: Project ACCESO, College of Arts and Sciences, Mathematics Program, Biology Program

CONTACT: For more information contact Cynthia Wyles at cynthia.wyles@csuci.edu | 805-437-3260

PARKING: Complimentary event parking is limited and only available in the designated parking lot. Once on campus, follow the directional signage to event parking then follow the walking signage to the event location. Free parking is available at the Camarillo Metrolink Station/Lewis Road parking lot with bus service to and from the campus. The cash-only bus fare is \$1.25 each way. Buses arrive and depart from the Camarillo Metrolink Station every 30 minutes from 7 a.m. to 10 p.m., Monday through Friday. For exact times, check the schedule at: www.goventura.org.