

Marin Science Seminar presents

Infectious Disease and the H1N1 Virus

with Charles Chiu, M.D. Ph.D.



**A one-hour multimedia presentation for Marin Middle and
High School Students**

Wednesday, January 13th, 2010

7:30 – 8:30 pm

Terra Linda High School, Room 207
320 Albion Way, San Rafael, CA 94903

Research in the Chiu laboratory explores (1) the replication, biology, and pathogenesis of human coronaviruses and (2) detection of known and novel viral agents in acute diseases suspected to have an infectious etiology. The Chiu lab is actively validating the Virochip and “deep” sequencing for use in clinical diagnostics and in outbreak investigation. Current projects include (1) a prospective longitudinal study of respiratory infections in immunocompromised patients at UCSF, (2) a metagenomics analysis of **H1N1 influenza A strains**, and (3) design of a respiratory / stool subtyping microarray for use in diagnosis of acute respiratory infections and gastroenteritis.

Dr. Chiu is currently Director of the UCSF Viral Diagnostics and Discovery Center and Assistant Director of the UCSF Microbiology Laboratory.

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Find out more at www.marintheseseminar.com

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