



CADMS Seminar Series*

Faculty, House Officers, Staff and Students

School of Veterinary Medicine

You are cordially invited! Mark your calendars!

Title: Antimicrobial resistance in *Salmonella* in the United States from 1996 to 2015

Invited Speaker: Marta Carreño Gútiez

DVM Student (last year)

Universidad de Zaragoza, Spain

Brief BIO:

Pharmacy and veterinary student, I did several internships in veterinary clinics, laboratory work and research projects. I am passionate about One Health and my career goal is to lead new discoveries in the area of epidemiology and control of zoonoses.



The burden of illness associated to antimicrobial-resistant food-borne pathogens is substantially increasing. Specifically for antibiotic-resistant *Salmonella*, the Centers for Disease Control and Prevention (CDC) have determined an incidence of 6,200 cases annually in the United States. This study uses novel epidemiological methods to describe the characteristics and spatio-temporal trends of *Salmonella* resistant isolates found in humans, animals and meat inspection in the United States from 1996 to 2015. Results provide insights about the complexity and magnitude of the problem and the need to continue and expand the surveillance and prevention programs currently in place.

12:00 p.m. - 1 p.m., 1043 Valley Hall

Thursday, September 13th, 2018

***Organized by the Center for Animal Disease Modeling and Surveillance
(CADMS)**



If you have any questions or comments please contact Beatriz Martinez Lopez (beamartinezlopez@ucdavis.edu)