

Course Instructor: Dr. Rebecca Calisi-Rodríguez (Associate Professor of Neurobiology, Physiology and Behavior, College of Biological Sciences)

Co-Instructor: Dr. Mark Winey (Professor or Molecular and Cellular Biology, Dean of the College of Biological Sciences)

Questions: Contact Dr. Rebecca Calisi-Rodríguez (rmcalisi@ucdavis.edu)

Student Expectations:

- Hear from experts in the field of virology and public health about the biological intersections in virology, evolution and ecology, computational biology, molecular genetics, and other disciplines to better understand the novel coronavirus and issues related to the COVID-19 pandemic.
- Understand how complex, global problems like this viral pandemic raise a variety of societal issues, identify those issues and explore the range of thought and action related to these issues, such as health care disparities, food chain security, and ethical and constitutional challenges.
- Have the opportunity to experience integrating the "A" into STEAM ("Art" into "Science, Technology, Engineering, Math") for purposes of absorbing, processing, and sharing knowledge while also providing a potential coping mechanism and/or outlet for expression.

Grading Criteria:

Students are expected to attend the Facebook Live Town Halls or view the recorded sessions. This course will be graded as P/NP based on the quality and assessment of the final project submitted by the student. Students will produce a product of their choosing inspired by the Town Halls. This can take the form of a piece of writing (eg. An opinion piece, blog, essay, thoughtful twitter thread, etc), short video (your thoughts recorded, an interview(s), a mini-film, etc), or other art (e.g. studio/visual art (such as photographs, painting, print, drawing, sculpture, ceramic, etc), poetry, spoken word, music, etc.). Select works will be shared on a public platform associated with this course.

TOWN HALL SCHEDULE:

Week 1 – March 30th /April 1: 4:00-5:00 pm – Sam Díaz Muñoz and Brad Pollack, UC Davis
Basic virology and public health

NOTE: ALL FOLLOWING TOWN HALLS WILL OCCUR ON FRIDAYS, 3:30-5PM

- Week 2 April 10th Prof. Jonathan Eisen, UC Davis
 - Impact of genomics to study emerging infectious diseases
- Week 3 April 17th Dr. James Hildreth, President & CEO, Meharry Medical College and Dr. Allison Brashear, Dean UC Davis, School of Medicine Health care disparities.
- Week 4 April 24th Prof. Jonna Mazet, UC Davis, Director of OneHealth Institute
 Emerging infectious diseases
- Week 5 May 1st Prof. Angela Haczku, MD, PhD, UC Davis

 Physician who treated first US community transmission COVID case at UCD Health
- Week 6 May 8th Prof. Lisa Ikemoto, UC Davis Law School Bioethics, health care law, public health law, law & policy
- Week 7 May 15th Prof. Daniel Sumner, UC Davis, Director, University of California Agricultural Issues Center

Food supply-chain issues related to the coronavirus pandemic

- Week 8 May 22th Richard Harris Science reporter, NPR
 Reporting a pandemic
- Week 9 Mary 29th Prof. Elizabeth Jo UC Davis Law School
 Constitutional issues raised by the pandemic. What are the limits of the government's power?

Week 10 – None – (Instruction ends on Thursday 6/4)