

# Public Health Surveillance Course

## April 19 - 23, 2021

April 2021							May 2021						
Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
5	6	7	1	2	3	4						1	2
12	13	14	8	9	10	11	3	4	5	6	7	8	9
19	20	21	15	16	17	18	10	11	12	13	14	15	16
26	27	28	22	23	24	25	17	18	19	20	21	22	23
			29	30			24	25	26	27	28	29	30
							31						

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	19	20	21	22	23
7 AM					
8					
9	9:45am Welcome/Introductions (All)				
10	10:00am - 11:00 am Historical Overview of Public Health Surveillance (Coronado)	10am - 11:30 am Analysis and Interpretation of Surveillance Data (Maes)	10:00 - 11:15 am Molecular Surveillance (Chow)	10-11:15 am Data Science and the Emerging Role of Artificial Intelligence (Heilig)	10-11:30 am Evaluating Public Health Surveillance (Henderson)
11	11:10 am - 12:40 pm Overview of Public Health Surveillance (Coronado)	11:40 am - 1:00 pm Communicating Public Health Surveillance (Anderton)	11:25 am - 12:45 pm State and Local Issues of Public Health Surveillance (Drenzek)	11:25am - 12:45pm Ethics in Public Health Surveillance (Ortmann)	
12 PM					
1					12:30pm - 3:30pm Development of Surveillance System (Student Presentations) (O'Reilly)
2	1:40 - 2:45pm Considerations in planning Public Health Surveillance (pp. 18-21) (Maes)	2-3:20pm Corona Viruses (SARS, MERS, SARS-COV2) Surveillance (O'Reilly)	1:45 - 3:15 pm Predicting Mortality and Morbidity during Public Health Disasters (Coronado)	1:45 - 3:15 pm Syndromic Surveillance (Soetebier)	
3	2:55pm - 4:05 pm Collecting PH Surveillance Data (pp. 44-64) (O'Reilly)	3:30 - 6:pm Case Study I: COVID-19 Surveillance in NYC (part I) (Maes)	3:30 - 6:pm Case Study I: COVID-19 Surveillance in NYC (part II) (Maes)	3:25pm - 6:00 pm Case Study III: E-Coli Surveillance (Wu/Pratt)	
4	4:15pm Informatics and Health Information Systems (Sen)				
5					
6	*Textbook: Principles and Practices of Public Health Surveillance				
	Textbook: Principles and Practice of Public Health Surveillance, Third Edition				