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<td>8:30 AM</td>
<td>Introduction/Agenda/Objectives</td>
<td>8:45 AM Measures of Association with hands-on exercises (Maes)</td>
<td>8:45 AM Study Designs: Cohort and Case Control with Hands-on Exercises [15 minutes break in between] <em>pp. 279-358</em> (Maes)</td>
<td>8:45 AM Measures of Central Tendency with hands-on exercise (Maes)</td>
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<td>9:00 AM</td>
<td>10:45 AM</td>
<td>8:45 AM</td>
<td>8:45 AM Public Health Preparedness (Coronado)</td>
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<td>9:00 AM</td>
<td>Descriptive Epidemiology (Coronado) *pp. 157-223</td>
<td>Ecology of Infections (Coronado) *pp 491-513</td>
<td>Review of Applied Biostatistics (O’Reilly) (Rates, Ratios, and Proportions; Tables, Charts, and Graphs) *pp. 108-150</td>
<td>Public Health Preparedness (Coronado)</td>
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<td>10</td>
<td>10:45 AM</td>
<td>11:15 AM</td>
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<td>10:30 AM Communicating Public Health Information (Anderton)</td>
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<td>10:45 AM</td>
<td>Ecology of Infections (Coronado) *pp 491-513</td>
<td>Immunizable Diseases (Kroger)</td>
<td>Surveys and Sampling (O’Reilly) *pp. 235-274</td>
<td>Surveys and Sampling (O’Reilly) *pp. 235-274</td>
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<td>12 PM</td>
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<td>1:30 PM</td>
<td>Review of Applied Biostatistics (O’Reilly) (Rates, Ratios, and Proportions; Tables, Charts, and Graphs) *pp. 108-150</td>
<td>Informatics and Health Information Systems (Iademarco) *pp. 235-274</td>
<td>Causation (Doshi) *pp. 425-430</td>
<td>Screening (Dominguez) *pp.461-489</td>
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<td>2 PM</td>
<td>2:45 PM</td>
<td>1:30 PM Chronic Disease Epidemiology (Thomas)</td>
<td>2:45 PM L-Tryptophan and Eosinophilia-Myalgia Syndrome (Group I: Lusterman/Group II: Green)</td>
<td>2:30 PM Case Study: HIV Screening (Group I: Rabold/Group II Furukawa)</td>
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<td>3 PM</td>
<td>3:15 PM Field Investigations (O’Reilly) (readings: Conducting a Field Investigation by Michael Gregg - e-copy of Chapter 5)</td>
<td>3:00 PM Unknown Disease Case Study, Group I: Armstrong; Group II: Whitehouse</td>
<td>2:45 PM L-Tryptophan and Eosinophilia-Myalgia Syndrome (Group I: Lusterman/Group II: Green)</td>
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# Epidemiology in Action

**June 8 - 12, 2020**

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<td>8:45 am Test of Significance with workshop and Confidence Intervals with workshop (Maes) [15 minutes break in between]</td>
<td>8:45 am Bias, Confounding, and Effect Modification (Maes) *pp. 409-424; 435-456</td>
<td>8:45 Epidemiology of Foodborne Diseases (Griffin)</td>
<td>8:45 am R-Design - Day 1</td>
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<td>10</td>
<td>11:00 am Emerging Infections (Coronado)</td>
<td>10:30 am Importance of Microbiome in Epidemiology (Coronado)</td>
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<td>8:45 am R-Design - Day 2 (half day)</td>
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<td>11</td>
<td>1:15 pm Corona Virus Epidemiology (SARS, MERS, COVID-19) (Coronado)</td>
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<td>12:45 pm Lunch</td>
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<td>1</td>
<td>2:15 pm Smoking and Health Case Study, Group I: Rabold; Group II: Shamout</td>
<td>2:45 pm Measles in Burundi Case Study (Varela/Duca)</td>
<td>3:00 pm Influenza Epidemiology (Uyeki)</td>
<td>1:45 pm Disease Control, Prevention and Eradication (Coronado)</td>
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*Note: Timings are approximate and subject to change.*