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| **DATE** | **TOPIC** |  | **FACULTY** |  |
| ***All classes are held on Tuesday from 4:30-5:30PM via Teams. Analytic software, EpiInfo, can be purchased for $59 and downloaded at***  [***https://www.cdc.gov/epiinfo/support/downloads.html***](https://www.cdc.gov/epiinfo/support/downloads.html)***. NOTE EpiInfo only works on a PC. It is recommended that you use a personal (not VA) PC. All lectures and assignments will be posted VIA TEAMS. All lectures will be virtual.***  **EDUCATIONAL LEVEL**  **1** Class is suitable for attendees with limited research methods knowledge such as medical students, residents, or clinicians who have very little CLINICAL research knowledge.  **2** Class is suitable for attendees who have attended level **1** classes and/or have some knowledge of study design. **These classes are open only to scholars enrolled in the CPCR.**  **3** Class is suitable only for attendees who have completed level **1** and **2** classes and are participating in the Certificate Program in Clinical Research. **These classes are open only to scholars enrolled in the CPCR.** | | | | ***THIS SCHEDULE AND FALCULTY MAY CHANGE AS NEEDED*** |
| **DATE** | **LECTURE NAME** | **EDUCATIONAL LEVEL** | **FACULTY** | **CLASS LINK** |
| 10/11/2022 | Orientation Introduction | **1** | Georgine Lamvu, MD, MPH | OPEN CLASS  Microsoft Teams meeting  **Join on your computer or mobile app**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzRjNTk0ODEtZWI4NS00MDM0LWE2ZDItMjVmOTI3ZDBiZTZj%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 224 250 716 686  Passcode: Kat5E9 |
| 10/18/2022 | Bias: The basics | **1** | Georgine Lamvu, MD, MPH |  |
| 10/25/2022 | Study Design: An overview | **1** | Georgine Lamvu  **Assignment #1 Study design and bias** |  |
| 11/1/2022 | Review assignment #1 Study Design and bias | **1** | Georgine Lamvu, MD, MPH |  |
| 11/8/2022 | The research Pathway: From literature reviews and RQ, to publication | **1** | Lane Coffee, PhD |  |
| 11/15/2022 | The causal pathway and understanding confounders | **1** | Georgine Lamvu, MD, MPH  **Assignment #2 RQ and causal pathway** |  |
| 11/22/2022 | Review assignment #2 RQ and causal pathway | **1** | Georgine Lamvu, MD, MPH |  |
| 11/29/2022 | Surveys (I) | **1** | Alexander Wang, MD |  |
| 12/6/2022 | Surveys (II) | **1** | Alexander Wang, MD |  |
| 12/13/2022 | Qualitative Research | **1** | Georgine Lamvu, MD, MPH |  |
| 12/14/2022-1/9/2023  NO CLASS HOLIDAY BREAK | | | |  |
| 1/10/2023 | Systematic Reviews and Meta-analyses (I) | **1** | Chensi Ouyang, MD | OPEN CLASS  Microsoft Teams meeting  **Join on your computer or mobile app**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzRjNTk0ODEtZWI4NS00MDM0LWE2ZDItMjVmOTI3ZDBiZTZj%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 224 250 716 686  Passcode: Kat5E9 |
| 1/17/2023 | Systematic Review Meta-analysis (II) | **1** | Chensi Ouyang, MD |  |
| 1/24/2023 | Clinical trials, cohorts and RCTS (I) | **1** | Georgine Lamvu, MD, MPH |  |
| 1/31/2023 | Clinical trials, cohorts and RCTS (II) | **1** | Georgine Lamvu, MD, MPH |  |
| 2/7/2023 | Clinical Trials (III) | **1** | Lane Coffee, PhD |  |
| 2/14/2023 | Quality Assurance and Improvement | **1** | Chensi Ouyang, MD |  |
| 2/21/2023 | Research Ethics | **1** | Lane Coffee, PhD |  |
| 2/28/2023 | Investigator responsibilities and IRB reporting requirement | **3** | Sara Bridges | CLOSED CLASS  Microsoft Teams meeting  **Join on your computer, mobile app or room device**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGJjY2YwNWMtZmQyNy00NDE3LTgzNDItZGQ4YjQ0ZDdiZjc5%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 216 553 457 549  Passcode: dRtRCj |
| 3/7/2023 | IRB forms and IRBNet | **3** | Chensi Ouyang, MD  **Assignment: create IRBNet account** |  |
| 3/13/2023-3/17/2023  NO CLASS HOLIDAY BREAK | | | |  |
| 3/21/2023 | Maintaining research documents and the regulatory binder | **3** | Sara Bridges  **Assignment complete CITI, TTP, Privacy / HIPAA** | CLOSED CLASS  Microsoft Teams meeting  **Join on your computer, mobile app or room device**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGJjY2YwNWMtZmQyNy00NDE3LTgzNDItZGQ4YjQ0ZDdiZjc5%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 216 553 457 549  Passcode: dRtRCj |
| 3/28/2023 | Statistics overview (I): types of data, dispersion, central tendency | **3** | Georgine Lamvu, MD  **Assignment #3 overview of statistics** | CLOSED CLASS  Microsoft Teams meeting  **Join on your computer, mobile app or room device**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGJjY2YwNWMtZmQyNy00NDE3LTgzNDItZGQ4YjQ0ZDdiZjc5%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 216 553 457 549  Passcode: dRtRCj |
| 4/4/2023 | Statistics overview (II): standard curves, hypothesis testing, error | **3** | Georgine Lamvu, MD  **Assignment reading: Rigor Mortis by Richard Harris** |  |
| 4/11/2023 | Review assignment #3 overview of statistics | **3** | Georgine Lamvu, MD |  |
| 4/18/2023 | Probability (I) measures of frequency and association, ORs and RRs | 2 | Georgine Lamvu, MD |  |
| 4/25/2023 | Probability (II), measures of frequency and association, ORs and RRs, | 2 | **Assignment #4 RRS and ORS** |  |
| 5/2/2023 | Review assignment #4 of ORs and RRs again | 2 | Georgine Lamvu, MD |  |
| 5/9/2023 | Diagnostic tests and LRs (II) | 2 | Georgine Lamvu, MD  **Assignment #5 Diagnostic Tests** |  |
| 5/16/2023 | Analysis of variance (I) | **3** | Georgine Lamvu, MD |  |
| 5/23/2023 | Analysis of variance (II) Review assignment 5 and Rigor Mortis | **3** | Georgine Lamvu, MD |  |
| 5/30/2023 | Multivariable regression, linear and logistic | **3** | Georgine Lamvu, MD  **Assignment #6 Selecting Analytic Tests** |  |
| 6/6/2023 | NO CLASS NATIONAL GYN CONFERENCE | | |  |
| 6/13/2023 | Multivariable regression, linear and logistic | **3** | Georgine Lamvu, MD | CLOSED CLASS  Microsoft Teams meeting  **Join on your computer, mobile app or room device**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGJjY2YwNWMtZmQyNy00NDE3LTgzNDItZGQ4YjQ0ZDdiZjc5%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 216 553 457 549  Passcode: dRtRCj |
| 6/20/2023 | Multivariable regression, linear and logistic | **3** | Georgine Lamvu, MD  Review analytic tests |  |
| 6/27/2023 | How to give a good research presentation | **1** | Jorge Carrillo, MD | OPEN CLASS  Microsoft Teams meeting  **Join on your computer or mobile app**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzRjNTk0ODEtZWI4NS00MDM0LWE2ZDItMjVmOTI3ZDBiZTZj%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 224 250 716 686  Passcode: Kat5E9 |  |
| 7/4/2023 | Principles of adult learning: How to be a good mentor | **1** | Jorge Carrillo, MD |  |
| 7/11/2023 | Pearls in grant writing, merit review and communicating with your PO | **1** | Lane Coffee, PhD | OPEN CLASS  Microsoft Teams meeting  **Join on your computer or mobile app**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzRjNTk0ODEtZWI4NS00MDM0LWE2ZDItMjVmOTI3ZDBiZTZj%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 224 250 716 686  Passcode: Kat5E9 |
| 7/18/2023 | Writing an aims page | 2 | Lane Coffee, PhD | CLOSED CLASS  Microsoft Teams meeting  **Join on your computer, mobile app or room device**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGJjY2YwNWMtZmQyNy00NDE3LTgzNDItZGQ4YjQ0ZDdiZjc5%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 216 553 457 549  Passcode: dRtRCj |
| 7/25/2023 | Overview of database and analytic software, review sample size and review of Assignment #7. | **3** | Georgine Lamvu, MD  **Assignment #7 Sample Size Calculations, for RQ** |  |
| 8/1/2023 | Epi Info: Building a database | **3** | Georgine Lamvu, MD  **Assignment #8 Database Building** |  |
| 8/8/2023 | Epi Info: Building a database | **3** | Georgine Lamvu, MD |  |
| 8/15/2023 | Principles of adult learning: preparing a research or academic CV and Biosketch | **3** | Jorge Carrillo, MD |  |
| 8/22/2023 | Epi Info: Check code | **3** |  |  |
| 8/29/2023 | Epi Info: Data entry | **3** | Georgine Lamvu, MD  **Assignment #9** Data entry |  |
| 9/5/2023 | Epi Info: Analysis | **3** | Georgine Lamvu, MD  **Assignment #10: Merge databases and analysis** |  |
| 9/12/2023 | Epi Info 5: Analysis | **3** | Georgine Lamvu, MD |  |
| 9/19/2023 | Epi Info 6: Graphs | **3** | Georgine Lamvu, MD |  |
| 9/26/2023 | Writing Grants and Obtaining Research funding | **1** | Lane Coffee, PHD | OPEN CLASS  Microsoft Teams meeting  **Join on your computer or mobile app**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzRjNTk0ODEtZWI4NS00MDM0LWE2ZDItMjVmOTI3ZDBiZTZj%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 224 250 716 686  Passcode: Kat5E9 |
| 10/3/2023 | Establishing productive research collaborations | **1** | Lane Coffee, PHD |  |
| 10/10/2023 | Final class review and **dissemination of Final test** | **3** | Georgine Lamvu, MD | CLOSED CLASS  Microsoft Teams meeting  **Join on your computer, mobile app or room device**  [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGJjY2YwNWMtZmQyNy00NDE3LTgzNDItZGQ4YjQ0ZDdiZjc5%40thread.v2/0?context=%7b%22Tid%22%3a%22e95f1b23-abaf-45ee-821d-b7ab251ab3bf%22%2c%22Oid%22%3a%22938bf2ac-3a85-4783-acea-aef778207b30%22%7d)  Meeting ID: 216 553 457 549  Passcode: dRtRCj |
| 10/31/2023 | **FINAL TEST IS DUE** | **3** | **NO CLASS** |  |
| 11/14/2023 | Graduation 12:00-1:00 PM | **3** | NO CLASS |  |