

**Introduction to Clinical and Translational Research at UMB & Baltimore VA**  
**Virtual Course Via Webex**  
**August 9-13, 2021**

<b>Monday, August 9</b>		<b>Study Design</b>
9:00 – 9:15	<b>OVERVIEW OF COURSE AND INTRODUCTION</b> <b>Kristen Stafford, PhD, MPH</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>  <b>John Sorkin, MD, PhD</b> <i>Professor, Department of Medicine, Chief, Biostatistics and Informatics, UMSOM</i>	
9:15 – 10:15	<b>CLINICAL RESEARCH QUESTIONS, HYPOTHESES AND PREDICTIONS</b> <b>Eleanor Wilson, MD, MHS</b> <i>Associate Professor of Medicine, Division of Clinical Care and Research, Institute of Human Virology, UMSOM</i>	
10:15 – 10:30	<b>BREAK/QUESTIONS</b>	
10:30 – 11:30	<b>HEALTH SERVICES RESEARCH</b> <b>Joey Mattingly, PhD, PharmD, MBA</b> <i>Associate Professor, Department of Pharmacy Practice and Science (PPS), UMSOP</i>	
11:30 – 12:30	<b>LUNCH BREAK</b>	
12:30 – 1:45	<b>OVERVIEW OF STUDY DESIGN</b> <b>Kristen Stafford, PhD, MPH</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	
1:45 – 2:00	<b>BREAK/QUESTIONS</b>	
2:00 – 3:00	<b>DRUG DEVELOPMENT</b> <b>Rena Lapidus, PhD</b> <i>Associate Professor, Department of Medicine, Director, Translational Laboratory Shared Service, UMSOM</i>	

<b>Tuesday, August 10</b>		<b>Biostatistics/Data Management</b>
9:00 – 11:00	<b>INTRODUCTION TO BIostatistical METHODS</b> <b>John Sorkin, MD, PhD</b> <i>Professor, Department of Medicine, Chief, Biostatistics and Informatics, UMSOM</i>	
11:00 - 11:15	<b>BREAK/QUESTIONS</b>	
11:15 – 12:00	<b>DATA MANAGEMENT</b> <b>Jean-Paul Courneya, MS</b> <i>Bioinformaticist, Health Sciences &amp; Human Services Library, UMB</i>  <b>Amy Yarnell, MLS</b> <i>Data Services Librarian, Health Sciences &amp; Human Services Library, UMB</i>	
12:00- 1:00	<b>LUNCH BREAK</b>	
1:00 – 1:15	<b>PREPARING DATA FOR ANALYSIS</b> <b>Kristen Stafford, PhD, MPH</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	
1:15 - 2:00	<b>STAKEHOLDER ENGAGEMENT IN RESEARCH PROJECTS</b> <b>Ellen Tambor, MA</b> <i>Research Director, Center for Medical Technology Policy (CMTP)</i>	
2:00 – 2:15	<b>BREAK/QUESTIONS</b>	
2:15 – 3:00	<b>SECONDARY DATA SOURCES</b> <b>Jennifer Albrecht, PhD</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	

<b>Wednesday, August 11</b>		<b>Ethical, Legal and Regulatory Issues</b>
9:00 – 10:15	<b>RESEARCH ETHICS CASES</b> <b>Leslie Katzel, MD, PhD</b> <i>Associate Professor, Department of Medicine, UMSOM, Baltimore VAMHCS GRECC, UM-OAIC</i>	
10:15 - 10:30	<b>BREAK/QUESTIONS</b>	
10:30 – 11:30	<b>INTRODUCTION TO CLINICAL EPIDEMIOLOGY</b> <b>Kristen Stafford, PhD, MPH</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	
11:30 – 12:15	<b>HEALTH SCIENCES AND HUMAN SERVICES LIBRARY</b> <b>Andrea Goldstein Shipper, MSLIS</b> <i>Research, Education and Outreach Librarian, Health Sciences &amp; Human Services Library, UMB</i>	
12:15 – 1:30	<b>LUNCH BREAK</b>	
1:30 – 2:15	<b>HUMAN RESEARCH PROTECTIONS</b> <b>Julie Doherty, DM, MSN, RN, CIP, CCEP</b> <i>Director, Human Research Protections Program, Office of Accountability &amp; Compliance</i>	
2:15 – 3:00	<b>OVERVIEW OF INSTITUTE FOR CLINICAL AND TRANSLATIONAL RESEARCH (ICTR) &amp; GENERAL CLINICAL RESEARCH CENTER (GCRC)</b> <b>Stephen Davis, MBBS</b> <i>Dr. Theodore E. Woodward Chair, Department of Medicine, UMSOM</i>	

<b>Thursday, August 12</b>		<b>Scientific Communication</b>
9:00 – 10:00	<b>SCIENTIFIC COMMUNICATION</b> <b>Christy Chang, PhD</b> <i>Associate Professor, Department of Medicine; Director, ICTR Internal KL2 Program, UMSOM</i>	
10:00 – 10:15	<b>BREAK/QUESTIONS</b>	
10:15 – 11:00	<b>SCIENTIFIC COMMUNICATION (continued)</b> <b>Christy Chang, PhD</b> <i>Associate Professor, Department of Medicine; Director, ICTR Internal KL2 Program, UMSOM</i>	
11:00 – 11:30	<b>BUILDING A CAREER IN CLINICAL AND TRANSLATIONAL RESEARCH</b> <b>Kristen Stafford, PhD, MPH</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	
11:30 - 12:30	<b>LUNCH BREAK</b>	
12:30 – 2:00	<b>OVERVIEW OF REGULATORY ISSUES IN CLINICAL RESEARCH</b> <b>John Farley, MD, MPH</b> <i>Director, Office of Infectious Diseases, FDA/CDER/OND</i>	
2:00 – 2:15	<b>BREAK/QUESTIONS</b>	
2:15 – 3:15	<b>SURVEY RESEARCH METHODS</b> <b>Jennifer Albrecht, PhD</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	

<b>Friday, August 13</b>		<b>Grant Writing</b>
9:00 – 10:00	<b>GRANTS- THE BASICS</b> <b>Mary-Claire Roghmann, MD, MS</b> <i>Professor, Department of Epidemiology and Public Health, UMSOM</i>	
10:00 – 10:15	<b>BREAK/QUESTIONS</b>	
10:15 – 11:15	<b>TIPS ON CAREER DEVELOPMENT GRANTS</b> <b>Anthony Harris, MD, MPH</b> <i>Professor, Department of Epidemiology and Public Health, UMSOM</i>	
11:15 – 11:45	<b>TIPS FOR APPLYING FOR GRANTS AT THE VA</b> <b>Frederick M. Ivey, PhD</b> <i>Acting Deputy Associate Chief of Staff, Baltimore VA Medical Center, Research &amp; Development Service</i>	
11:45 – 12:00	<b>FEEDBACK</b> <b>Kristen Stafford, PhD, MPH</b> <i>Associate Professor, Department of Epidemiology and Public Health, UMSOM</i>	

