

# SEMINAR IN BIOENGINEERING

## FALL 2020 FRIDAYS 2:00- 3:00PM

HOSTED BY FRANCIS CONTIJOCH, PH.D



OCTOBER

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ZOOM

ENGINEERED MULTI-TISSUE PLATFORM  
FOR MODELING SYSTEMIC HUMAN  
PATHOLOGIES

SPEAKER:

KACEY RONALDSON-BOUCHARD, PH.D.



OCTOBER

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ZOOM

ENGINEERING CELL  
MICROENVIRONMENTS FOR CANCER  
AND STEM CELLS

SPEAKER:

KEYUE SHEN, PH.D.



OCTOBER

16

ZOOM

IMMUNO-IMAGING AND  
IMMUNOTHERAPY IN ATHEROSCLEROSIS

SPEAKER:

ZAHY A. FAYAD, PH.D.



OCTOBER

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ZOOM

NO HEALTH WITHOUT MENTAL HEALTH:  
CONSIDERING MENTAL HEALTH IN CONSUMER  
AND PATIENT HEALTH TECHNOLOGIES

SPEAKER:

ELIZABETH V. EIKEY, PH.D.



OCTOBER

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ZOOM

BIOENGINEERING AND DETECTION  
AT LLNL

SPEAKER:

ELIZABETH K. WHEELER, PH.D.



NOVEMBER

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ZOOM

ENGINEERING PARTICULATE-BASED SYSTEMS  
TO INFLUENCE THE IMMUNE SYSTEM

SPEAKER:

JAMAL LEWIS, PH.D.



NOVEMBER

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ZOOM

COMPUTATIONAL MARKERS FOR THE  
DIAGNOSIS AND TREATMENT OF  
EPILEPSY

SPEAKER:

BETH A. LOPOUR, PH.D.



NOVEMBER

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ZOOM

LEVERAGING MULTIPLE DATA SOURCES FOR  
CLINICAL PREDICTION MODELING

SPEAKER:

ELSIE ROSS, M.D., PH.D.



DECEMBER

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ZOOM

VESSEL: THE MICROPHYSIOLOGICAL  
SYSTEM FOR MECHANOBIOLOGICAL  
STUDIES OF ENDOTHELIAL CELLS

SPEAKER:

JUNGWOOK KIM, PH.D.



DECEMBER

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ZOOM

SPATIAL AND DYNAMIC CONTROL OF  
ENGINEERED METABOLISMS

SPEAKER:

JOSE L. AVALOS, PH.D.