2022 Smerdon/Reeves Lecture
BLS 402 in Pullman, WA & Via Zoom
Zoom ID: 997 1349 5507
Zoom Passcode: 188545
March 3, 2022
Come hear exciting developments in the areas of DNA repair, chromatin, and biomedical research

AGENDA
9:00 AM KEYNOTE SPEAKER
Dr. Geneviève Almouzni
Head of the Chromatin Dynamics team
Research center at the Institut Curie
An inspiration to link histone variant dynamics and genome stability

10:10 am Brittany Vandenberg, Ph.D. candidate, Roberts Lab
The role of DNA polymerases in causing atypical UV mutation signatures

10:25 am Marcos Perez, Ph.D., Watts Lab
Dietary lipids induce ferroptosis in C. elegans and human cancer cells

10:40 am Quan Phan, Ph.D. candidate, Driskell Lab
The epigenetic regulation of fibroblast heterogeneity during murine embryonic development

11:00 am Break

11:10 am Chasity Trammell, Ph.D. candidate, Goodman Lab
Coupled small molecules target RNA interference and JAK/STAT signaling to reduce Zika virus infection in Aedes aegypti

11:25 am Smitha Sivapragasam, Post-Doctoral Fellow, Wyrick Lab
CTCF binding modulates UV damage formation to promote mutation hot spots in melanoma

11:40 am Peng Mao, Assist. Prof., University of New Mexico
BER in chromatin: genome-wide mapping of DNA alkylation and repair

12:10 PM SPEAKER
Dr. Jeffrey Hayes
Principal Investigator
University of Rochester, Medical Center
Chromatin modulators impact H1 CTD structure