

WERC Seminar Fall 2021

# GRADUATE STUDENT FLASH TALKS, Part II

Learn about WERC student research

Wednesday, October 6th, 2021

BP Design Theater (401 ELIF)

12-1 pm



**STORMY FIELDS**  
MS Student, Interdisciplinary  
Studies, Paleoecology  
  
Examining Season of Death and  
Incidence of Starvation in Steppe  
Bison Throughout the Last 40,000  
Years Using Stable Isotopes



**NICHOLAS HASSON**  
PhD Student, Geosciences  
  
The Very Low Frequency (VLF)  
Electromagnetic C-Flux  
Method: Biogeophysics for  
characterizing permafrost carbon  
sources



**FAYZUL KABIR**  
PhD Student,  
Environmental Engineering  
  
Biofilm in water distribution  
system



**HABIBA MOSHFEKA**  
PhD Student, Stable Isotopes  
  
Analyzing cod bone elements and  
otolith data to trace the  
interconnected ties between the  
Icelandic human population and  
cod over the last 1100 years



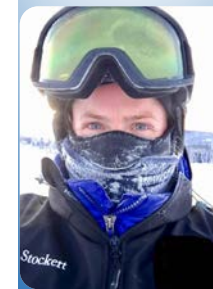
**DREW PORTER**  
MS Student, Marine Biology  
  
Evaluation of copper toxicity to  
salmonids exposed in low-  
hardness/low-dissolved organic  
carbon water



**MURADUR RASHADIN**  
MS Student,  
Environmental Engineering  
  
Effect of continuous & intermittent  
aeration on microbial community  
composition and wastewater  
treatment efficiency in fixed bed  
up-flow biological aerated filter



**AUDREY ROWE**  
PhD Student, Paleoecology  
  
Reconstructing large mammal  
movement with strontium  
isotopes



**KELSEY STOCKERT**  
MS Student,  
Water & Environmental Science  
  
Calculation of sublimation from  
tundra snowpack in Alaska



**NATALIE TYLER**  
PhD Student, Geosciences  
  
Using Space-borne Synthetic  
Aperture Radar (SAR) to detect  
methane superseeps in Arctic lakes