



Genome Sciences Seminar

Wednesday, 10.27.21 | 3:30 | held remotely

<https://depts.washington.edu/gstrestrc/remote.htm>



Dr. Katrina Claw

Assistant Professor

Division of Biomedical Informatics and Personalized Medicine

Colorado Center for Personalized Medicine

University of Colorado Anschutz Medical Campus

“Pharmacogenomics and personalized medicine with Indigenous communities”

My research focuses broadly on personalizing medicine, using genetic information and biomarkers for tailored treatment, in relation to pharmacogenomics as well as understanding the ethical, cultural, and social implications of genomic research with populations historically underrepresented in health research. My current research includes studying cytochrome P450 genetic variation in Indigenous communities (e.g., American Indian and Alaska Native peoples), with a focus on CYP2A6 variation in relation to nicotine metabolism and smoking cessation, as well as understanding the ways in which adaptations to diverse local environments may have impacted modern pharmacogenomic variation and evolutionary medicine. My other projects include exploring the perspectives of tribal members on genetic research with tribes and developing guidelines and policies in partnership with tribes. All of my projects strive to use community based participatory research approach and include cultural and Indigenous knowledge.

<https://som.ucdenver.edu/Profiles/Faculty/Profile/28794>

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

The University of Washington is committed to providing access, equal opportunity and reasonable accommodations in its services, programs, activities, education and employment of individuals with disabilities. To request disability accommodations contact the Disability Services Office at least ten days in advance at: 206.543.6450/V, 206.543.6452/TTY, 206.685.7264 (FAX), or e-mail at dso@u.washington.edu