



UNM METALS BioProject 2 Publications (Trainees names in red)

Hoover J.H., **Bolt A.M.**, Burchiel S.W., Cerrato J.M., **Dashner-Titus E.J.**, Erdei E., **Gonzalez Estrella J.**, **El Hayek E.**, Hudson L.G., Luo L., MacKenzie D., **Medina S.**, Schilz J.R., **Velasco C.A.**, **Zychowski K.**, Lewis J.L. A transdisciplinary approach for studying uranium mobility, exposure, and human health impacts on tribal land sin the southwest, United States. In Malcolm Siegel, Olle Selinus and Robert Finkelman (Eds.), *Practical Applications of Medical Geology 2021*; Springer, ISBN 978-3-030-53892-7, *Accepted*.

Zhou X., Xue B., **Medina S.**, Burchiel S.W., Liu, K.J. (2021) Uranium directly interacts with the DNA Repair Protein 1 Poly (ADP-ribose) Polymerase 1, *Toxicology and Applied Pharmacology* 115360.
<https://doi.org/10.1016/j.taap.2020.115360>

Medina S., Zhou X., Lauer F.T., Zhang H., Liu K.J., Lewis J., Burchiel S.W.(2021) Modulation of PARP Activity by Monomethylarsonous (MMA+3) Acid and Uranium in Mouse Thymus, *Toxicology and Applied Pharmacology*. 15;411:115362.
<https://doi.org/10.1016/j.taap.2020.115362>

Medina, S., Lauer, F.T., Castillo, E.F., Bolt, A.M., Ali, A.M.S., Liu, K.J. and Burchiel, S.W., 2020. Exposures to uranium and arsenic alter intraepithelial and innate immune cells in the small intestine of male and female mice. *Toxicology and Applied Pharmacology*, p.115155.
<https://doi.org/10.1016/j.taap.2020.115155>

Bolt, A.M., **Medina, S.**, Lauer, F.T., Liu, K.J. and Burchiel, S.W., 2019. Minimal uranium immunotoxicity following a 60-day drinking water exposure to uranyl acetate in male and female C57BL/6J mice. *Toxicology and applied pharmacology*, 372, pp.33-39.
<https://doi.org/10.1016/j.taap.2019.04.003>

Dashner-Titus, E.J., Hoover, J., Li, L., Lee, J.H., Du, R., Liu, K.J., Traber, M.G., Ho, E., Lewis, J. and Hudson, L.G., 2018. Metal exposure and oxidative stress markers in pregnant Navajo Birth Cohort Study participants. *Free Radical Biology and Medicine*, 124, pp.484-492.
<https://doi.org/10.1016/j.freeradbiomed.2018.04.579>

Bolt, A.M., **Medina, S.**, Lauer, F.T., Xu, H., Ali, A.M., Liu, K.J. and Burchiel, S.W., 2018. Minimal uranium accumulation in lymphoid tissues following an oral 60-day uranyl acetate exposure in male and female C57BL/6J mice. *PloS one*, 13(10), p.e0205211.
<https://doi.org/10.1371/journal.pone.0205211>