

High School Student Research Publications

Gerlach, S.C., Duffy, L.K., Murray, M.S., Bowers, P.M., Adams, R., and Verbrugge, D.A. (2006) An exploratory study of total mercury levels in archaeological caribou hair from northwest Alaska. *Chemosphere*, in press.

Undergraduate Research Publications

Zhao, H., Bucci, D., Weltzin, M., and Drew K.L. (2004) Effects of aversive stimuli on learning and memory in wild caught Arctic ground Squirrels. *Behav. Brain Res.*, **151**(1-2):219-224

Weltzin, M.M., Zhao, H.W., Drew, K.L., and Bucci, D. (2005) Arousal from Hibernation Alters Contextual Learning and Memory. *Behavioral Brain Research*, Oct 7; [Epub ahead of print]

Duffy, L.K., Duffy, R.S., Finstad, G. and Gerlack, C. (2005) A note on mercury levels in the hair of Alaskan reindeer. *Sci. Total Environ.* **339**:273-276.

Fites, R.J., Yeager, A.T., Sarvela, T.L., Howard, W.A., Zhu, G., and Pang, K. (2006) Aqueous Acid – Base Chemistry Involving Dioxovanadium(V) Complexes of 2,6-Pyridinedimethanol, and the X-Ray Structures of $\text{Na}[\text{VO}_2\{2,6-(\text{OCH}_2)_2\text{NC}_5\text{H}_3\}] \cdot 4 \text{H}_2\text{O}$ and $[\text{1-H-2,6-(HOCH}_2)_2\text{NC}_5\text{H}_3]^+ \text{Cl}^-$. *Inorg. Chim. Acta*, **359**:248-56.

Hansen, L.E., Glowacki, E.R., Arnold, D.L., Chi, B., Bernt, G.J., Fites, J., Freeburg, R.A., Rothschild, R.F.N., Krieg, M.C., Howard, W.A. and Tanski, J.M. (2003) Syntheses and Characterization of Some Chloro, Methoxy, and Mercapto Derivatives of $[\text{Ru}(\eta^2\text{-2,2'-bipyridine})_3]^{2+} 2 \text{PF}_6^-$: Crystal and Molecular Structures of $[\text{Ru}(\eta^2\text{-2,2'-bipyridine})_2(\eta^2\text{-4,4'-(X)}_2\text{-2,2'-bipyridine})]^{2+} 2 \text{PF}_6^-$ (X = Cl, OCH₃). *Inorg. Chim. Acta*, **348**:91-96.