

The Department of Anthropology and Global College's  
Caribbean Research Institute proudly present Dr. William  
Buhay: Recent Archeological Applications of Stable Isotopes



Dr. Buhay's recent research has primarily focused on using stable isotope applications for water quality assessments and ancient diet reconstructions. Through the use of sulfur and oxygen isotopes he has been able to detect the source of high sulfate concentrations in a southern Manitoba stream. Additionally, his recent carbon and nitrogen isotope work has helped to document the presence of cultigens in Cuba at a much earlier date than originally suggested, revealed younger weaning ages in ancient western Cuban children, and aided in uncovering animal husbandry practices in ancient Pompeii.

**Wednesday, November 18th**  
**12:30-1:20**  
**Room 3D04**

*Dr. William M. Buhay obtained his MSc in Geology from McMaster University, his Ph.D. in Earth Sciences from the University of Waterloo, and currently teaches at the University of Winnipeg. His main research interests are in the field of paleoclimatology, stable isotope paleodiet reconstructions and environmental geochemistry.*