ANTHROPOGENIC DEVELOPMENT OVER THE LAST ~200 YEARS LEAVES PHYSICAL AND GEOCHEMICAL IMPRINT IN LAKE SEDIMENT RECORDS

Lake sediment archives are useful to reconstruct local to global environmental changes. Using a collection of data synthesis, field surveys and whole-lake experimental manipulations, my PhD thesis quantified the relative importance of anthropogenic development and climatic dynamics on physical and geochemical properties archived in lake sediment cores. This body of work advances our understanding of how human activities have affected lakes and their watersheds over the past ~200 year as well as makes important contributions to method development in the field of paleolimnology.

Coffee & pastries will be served after the talk

10 AM Friday, September 23rd

Redpath Museum Teaching Lab (Rm 106)