

## **High Resolution Organic Facies of the Bakken Formation, Williston Basin, Saskatchewan, Canada**

**Bree M. Wrolson<sup>1</sup> and Stephen L. Bend<sup>1</sup>**

*<sup>1</sup>University of Regina, Regina, Saskatchewan, Canada*

### **Abstract**

The focus of this high resolution study is to characterize the organic matter in the Bakken Formation within the Canadian portion of the Williston Basin using the concept of organic facies. Organic facies for this study will be defined using both geochemical (i.e. RockEval) and petrographic characteristics of organic matter in order to distinguish areas within the Upper and Lower Bakken with the greatest hydrocarbon generative potential.