



# Michal Kolaj

George V. Keller Scholarship  
\$10,000

**SCHOLARSHIP**  
RECIPIENT

2014-2015



Michal is a PhD student studying Geology & Geophysics at Laurentian University.

“Our resources are becoming scarcer and increasingly more difficult to find and progress in exploration geophysics is going to be the key strategy in meeting this demand. For these reasons, I plan on developing a career in line with the motivations of my current research with focuses on developing innovative electromagnetic surveying techniques and methodologies for superior depths of investigation, greater resolution and improved physical property mapping.”





July 4<sup>th</sup>, 2014

Dear Dr. Kurt-Martin Strack,

As the recipient of the prestigious and generous George V. Keller scholarship for the second year in a row I would like to express my sincere gratitude to KMS Technologies, the SEG Foundation and the family of George V. Keller. As a graduate student for the past 4 years, this continued support greatly lightens the financial burden associated with extended studies and will allow me to focus more on my research.

Our economy and standards of living are deeply interconnected with our natural resources and with rising demand from developing countries and increasing global populations, the strain on our natural resources is intensifying. Our resources are also becoming scarcer and increasingly more difficult to find and progress in exploration geophysics is going to be the key strategy in meeting this demand. We will need new and innovative techniques and technologies to be able to detect resources deeper, with higher resolution and with minimal environmental footprints. For these reasons, I plan on developing a career in line with the motivations of my current research which focuses on developing innovative electromagnetic surveying techniques and methodologies for superior depths of investigation, greater resolution and improved physical property mapping.

This past academic year I published an article in *Geophysics* (doi: 10.1190/geo2013-0387.1) on a simple method to estimate the conductance of sheet-like targets directly from borehole electromagnetic data. I will also be presenting two expanded abstracts at the upcoming SEG conference in Denver. Both the paper and the expanded abstracts contain an acknowledgement to the George V. Keller scholarship.

I am highly honored to be the recipient of this scholarship and I would like to thank everyone for helping students like myself that are interested in electromagnetic geophysics.

Yours sincerely,

A handwritten signature in blue ink that reads "Michal Kolaj".

Michal Kolaj

PhD. Candidate

Department of Earth Sciences

Laurentian University

[mx\\_kolaj@laurentian.ca](mailto:mx_kolaj@laurentian.ca)