



July 16, 2019

## KEGS Foundation Announcement

### Collett and GSC Pioneers PhD Scholarship Awards for 2019/20

The Directors of the KEGS Foundation are very pleased to announce the second award of the prestigious Len and Genice Collett Graduate Scholarship in Geophysics, as well the 11<sup>th</sup> award of the GSC Pioneers Scholarship, for the forthcoming academic year (2019/20), plus scholarship awards to two other talented PhD candidates.

Marking the twentieth year of the KEGS Foundation's scholarship program directed at fostering the education of future geophysicists in Canada, these awards complement the recently announced 16 scholarships to 11 undergraduates and 5 MSc candidates for the upcoming academic year. The expansion of the awards to PhD candidates reflects the continuing strong support of the Foundation by concerned individuals and organizations across Canada, and in particular the major legacy gift from Len and Genice Collett received in 2017.

The **second recipient** of the **Collett Graduate Scholarship**, awarded to an advanced PhD candidate with an outstanding academic record and research, is Joshua Littleton, who will be continuing his impactful PhD research at Western University into the physico-mineralogical behaviour of the Fe-S system under high P-T conditions that is expected to provide significant new insights into mantle and core properties.

In acknowledgement of the impressive applicants for this premier award, Filip Adamus at Memorial,, who is pursuing an improved approach to determine and analyze seismic anisotropy as a route to measure fluid content, is recognized as a runner up for the Collett Scholarship.

The eleventh recipient of the **GSC Pioneers Scholarship**, established in 2007 to honour various notable GSC geophysical pioneers\*\*, is Clement Esteve at the University of Ottawa, whose doctoral research is centered on developing improved seismic surface wave tomography to understand deep crustal and mantle properties and their relationship to diamondiferous kimberlites.

The two other accomplished and dedicated PhD candidates who have been awarded scholarships for 2019/20 are: Maryam Safarshahi at the University of Saskatchewan, who is studying earthquake source mechanisms, and Antonina Calahorrano at Simon Fraser University, who is expanding geophysical understanding of the Garibaldi volcanic belt in southern B.C. as part of a major research program focused on assessing possible renewed volcanic activity.

KEGS Foundation

2019 PhD Scholarship Awards

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The preceding scholarship awards range from \$1,000 to \$3,000. In addition, the above awardees are also eligible for fully subsidized participation at the annual KEGS Symposium in March and reduced cost to attend a KEGS Geophysical Breakfast during the upcoming academic year, thanks to continuing generous support by KEGS. Depending on need and the Foundation's resources, additional assistance with travel expenses up to \$300 may be provided to facilitate recipients' participation at relevant KEGS or BCGS events. In addition, travel assistance up to \$400 is extended to Theodore Stanoev at Memorial, who is a previous Collett Scholarship Finalist, to present his largely completed PhD research on anisotropic seismic media at relevant professional meetings.

It is anticipated that the scholarship awards will be presented this fall in conjunction with KEGS Special Lectures on relevant geophysical topics or similar professional meetings that are in the process of being arranged by the Foundation at the various universities. The researchers will be encouraged to present their research when convenient at KEGS and other relevant forums.

Summaries of all the research projects being undertaken by the graduate awardees will be posted on the Foundation's website.

The Directors extend their best wishes to the scholarship recipients and other awardees for further success in their studies and future careers. We also offer our gratitude for the continuing support of the Foundation and its scholarship program by the Canadian exploration and geophysical community, including major support by KEGS and the BCGS, and to Phoenix Geophysics for its continuing support of the matching donation program (see website for further details), as well as the extraordinary legacy gift from Len and Genice Collett received in late 2017..

We look forward to meeting the latest KEGS Foundation awardees at various upcoming meetings, symposia and KEGS Special Lectures.

Avec nos meilleurs souhaits à tous les lauréats.

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\*NB: **KEGS** is the well-known acronym for the Canadian Exploration Geophysics Society, the leading mining geophysics organization established in 1953 and based in Toronto. The **KEGS Foundation** was established as a federally chartered charitable organization in 1999, and has provided more than 250 scholarships to Canadian students since inception. **BCGS** is the abbreviation for the B.C. Geophysical Society, a long-established professional organization based in Vancouver and focused on utilization of geophysics for mineral exploration, which has generously supported the BCGS Scholarship Fund.

\*\*The GSC Pioneers Scholarship, established in conjunction with Exploration '07, honours early geophysical pioneers at the GSC, notably, Larry Morley, Arthur Darnley, Peter Hood, Len Collett, George Palacky, Quentin Briscoe, Bill Scott and Pat Killeen.

Version française disponible sur le site Web.

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