



Mineralogical Association of Canada

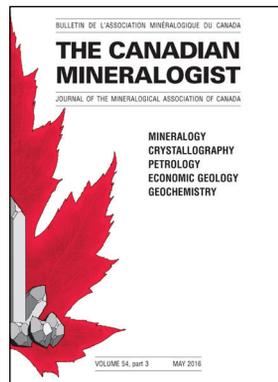
www.mineralogicalassociation.ca

THE CANADIAN MINERALOGIST

Not Just Crystal Structures

It's easy to assume that a journal with a name like *The Canadian Mineralogist* publishes a narrow range of topics. Indeed, there are even people who believe we only publish crystal structures! In reality, nothing could be further from the truth.

Mineralogy is significant to an incredible range of topics, and *The Canadian Mineralogist* publishes all of them. Two recent examples of mineralogy appearing in unexpected places include minerals found in food [Tansman et al. (2017) 55: 89-100] and in forensic igneous petrology [Clarke et al. (2017) 55: 145-177].



Of course, crystal structures do appear among our most cited papers [e.g. Burns (2005) 43: 1839-1894], but then so do pegmatites [Černý and Ercit (2005) 43: 2005-2026], platinum-group element fractionation in mafic magmas [Brenan and Andrews (2001) 39: 342-360], and the geochemistry of intermediate volcanic rocks [Gorton and Schandl (2000) 38: 1065-1073].

The most read papers show a similar range, beginning with scheelite as an indicator mineral [Poulin et al. (2018) 56: 265-302], followed by the mineralogy of a P-rare-earth element-Th deposit [Anenburg et al. (2018) 56: 331-354], the report of a new uranyl sulfate mineral [Kampf et al. (2018) 56: 235-245], the mineralogy of a vanadium-graphite deposit [Di Cecco et al. (2018) 56: 247-257], and pegmatites [Černý and Ercit (2005)]. The appearance of a pegmatite paper on both our most cited and most read lists is illustrative of the fact that *The Canadian Mineralogist* is well-known for pegmatite studies, and, at the time of writing, we are in the final stages of preparing a thematic issue that derives from the 2017 pegmatite conference in Norway; one of many interesting papers in this issue will be on the laser-induced breakdown spectroscopy of tourmaline [McMillan et al. 2018, in press].

Laser-induced breakdown spectroscopy is hardly the only developing analytical technique that we have published about: a recent thematic issue on gem deposits included a paper on hyperspectral imaging applied to gem exploration [Turner et al. (2017) 55: 787-797]. We have also published several papers in the environmental sphere: for example, recent articles on black rock coatings as records of emissions [Schindler et al. (2016) 54: 285-309; Caplette and Schindler (2018) 56: 113-127].

So, I think you can see that *The Canadian Mineralogist* publishes papers over a wide range of topics (including crystal structures!) and we welcome manuscripts from all areas of the discipline.

Sincerely yours, **Lee A. Groat**
Editor, *The Canadian Mineralogist*

WELCOMING NEW MEMBERS OF COUNCIL

The MAC Executive approved the nomination of the following candidates for the vice president position for 2018–2020 and for the two positions of councillor for 2018–2021. As no additional nominations were received from the membership, the nominated candidates were declared elected by acclamation. The MAC Executive also appointed a new Finance Committee Chairman.

Vice President 2018–2020



Dr. Andrew Conly is an associate professor in the Department of Geology at Lakehead University (Ontario, Canada) where he has been a faculty member since 2003 and is now Director of the Lakehead University Mineralogy and Experimental Laboratory. He obtained his PhD from the University of Toronto (2003) and his MSc (1996) and HBSc (1993) degrees from Carleton University (Canada). Andrew is a mineral deposit specialist where his past studies focused primarily on the genesis of sediment-

hosted base-metal deposits. However, at Lakehead University, Andrew has expanded his research into the fields of experimental petrology and environmental mineralogy, and, most recently, into the geology and mineralogy of graphite deposits. Andrew has an extensive history of professional service: twice served as Chair for the Mineral Deposits Division of the Geological Association of Canada, and is currently their Short Course Chair; Academia Representative on the Steering Committee on Chromite Research and Development for CANMET – Natural Resources Canada; Regional Vice-President (North America) for the Society for Geology Applied to Mineral Deposits; and Director for Canadian Institute of Mining, Metallurgy and Petroleum – Geological Society. Since 2010, Andrew has also been very much involved with the Mineralogical Association of Canada, where he has served as a councillor (2010–2013), Hawley Award Selection Committee Member, Selection Committee Member for student travel and research grants, and Selection Committee Member for awarding Mineralogical Association of Canada Foundation Scholarships to graduate students.

Finance Committee Chairman

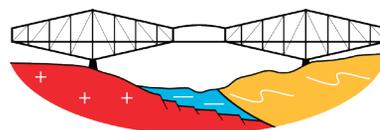


Mr. Rémy Poulin is a research scientist in the Harquail School of Earth Sciences at Laurentian University in Sudbury (Canada). He obtained his BSc with Honours in geology from the University of Ottawa, followed by an MSc (2016) in Earth sciences from Laurentian University in the field of applied mineralogy. His MSc thesis, "A Study of the Crystal Chemistry, Cathodoluminescence, Geochemistry and Oxygen Isotopes in Scheelite: Application towards Discriminating among Differing Ore Deposit Systems", was supervised by Drs. Andrew M. McDonald and Daniel J. Kontak. Since 2017, he has been the electron microprobe technician and a sessional lecturer in the Harquail School of Earth Sciences. Mr. Poulin has been involved in numerous projects, focusing on the development of analytical methods (trace elements, cathodoluminescence) and mineral chemistry. Mr. Poulin is an applied mineralogist who uses his knowledge of mineralogy, mineralogical techniques and geochemistry to investigate complex geologic processes in a variety of earth systems. Mr. Poulin is also active in the geological community. He served on a number of university councils and was the secretary on the Modern Mining and Technology Sudbury executive committee from 2012 to 2014. Mr. Poulin has published articles in mineralogical journals (e.g. *The Canadian Mineralogist*) and has presented to the general public and at geological conferences such as GAC–MAC.

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UPCOMING GAC–MAC–IAH JOINT MEETING

Québec, QC, Canada • 12–15 May 2019 • gacmac-quebec2019.ca



GAC–MAC–IAH
QUÉBEC 2019
Where geosciences converge

Councillors 2018–2021



Prof. Siobhan ('Sasha') Wilson is, as of 2018, an associate professor in the Department of Earth and Atmospheric Sciences at the University of Alberta (Canada). She obtained her BSc (Hons) in physics from McMaster University (Canada) and her MSc and PhD degrees in geological sciences from the University of British Columbia (Canada). Sasha held a NASA Postdoctoral Fellowship at the Indiana University node of the Astrobiology Institute (USA). She was a faculty member at Monash University in Melbourne

(Australia) from 2011 through 2017, and she is currently at the University of Alberta. She received the 2016 E.S. Hills Medal from the Geological Society of Australia and the 2017 MAC Young Scientist Award for her contributions to geochemistry. She is a biogeochemist whose work focuses on environmental aspects of economic geology. Her team is working to understand and tailor carbon, sulfur, silica, metal and metalloid mobility within minerals in geoengineered landscapes, mining environments and mineral processing circuits, with a focus on developing solutions for metal sequestration/recovery and carbon sequestration. On the fundamental side, her group is working on understanding gas–mineral reactions and organomineralization in sedimentary systems.



Dr. Emmanuelle Cecchi is a research associate at the Institut national de la recherche scientifique (INRS-ETE) in Québec City (Canada). She was born in France but grew up in Gabon, where her passion for the Earth sciences was initiated and blossomed. She initially obtained her Diplôme d'études universitaires générales, Licence et Maîtrise (equivalent to a BSc) in Earth sciences at the University of Nice Sophia Antipolis (France), followed by a Diplôme d'Études Approfondies de 3^{ième} Cycle (equivalent to

an MSc), on the structure and evolution of the lithosphere, at Montpellier II University (France). She then journeyed across the pond to Canada, to the INRS-ETE in order to conduct her PhD ("Revalorisation of White Asbestos Tailings by Producing $MgCl_2$ using Carbochlorination") under the supervision of Drs. Guy Mercier and Mario Bergeron, completed in 2008. Dr. Cecchi accepted a post-doctoral fellowship at Laval University (Canada), where she worked on the project "Study of the Spontaneous Carbonation of Serpentine in Milling and Mining Waste, Southern Quebec". Since 2010, Dr. Cecchi has been a research associate at the INRS-ETE where she has been involved in numerous projects focussed on the environment and engineering, including the Canadian Rare Earth Element RandD Initiative (CREEN), contaminant-leaching prediction and mine-tailings valorization, the latter with a strong emphasis in the area of CO_2 sequestration. Dr. Cecchi can easily be classed as an applied mineralogist who uses her knowledge of mineralogy, mineralogical techniques and geochemistry to tackle real-world problems and issues. She also contributes to the promotion of the mineral sciences in Canada by volunteering her time; by mentoring and helping in the organization of a number of past and present meetings, including serving as a member of the Environmental Technical committee of CREER; by being a reviewer of submissions to various journals (e.g. *International Journal of Mineral Processing*, *Minerals*); and by being a member of the organizing committee for the Québec 2019 Geological Association of Canada–Mineralogical Association of Canada–International Association of Hydrogeologists (GAC–MAC–IAH) meeting.

THANKS TO OUTGOING MEMBERS OF COUNCIL

We extend our thanks to outgoing Past President, **Ron C. Peterson**, for his long-time commitment. Ron served first as Finance Chair for five years, then spent six years on the MAC Executive. We also thank **Michelle A.E. Huminicki** who served as Finance Chair, and to our outgoing Councillors **Anežka Borčinová Radková**, and **Ekaterina Reguir** for their years of service.

MAC AWARDS – CALL FOR NOMINATIONS

Peacock Medal

The Peacock Medal is awarded to a scientist who has made outstanding contributions to the mineralogical sciences in Canada. There are no restrictions regarding nationality or residency. The medal recognizes the breadth and universality of the awardee's contributions to mineralogy, applied mineralogy, petrology, crystallography, geochemistry, or the study of mineral deposits

Young Scientist Award

This award is given to a young scientist who has made a significant international research contribution during the early part of their career. The scientist will have received his/her PhD not more than 15 years before the award. He or she must be a Canadian working anywhere in the world or a scientist of any nationality working in Canada. The research areas include mineralogy, crystallography, petrology, geochemistry, mineral deposits, or related fields of study.

Leonard G. Berry Medal

The Leonard G. Berry Medal is awarded annually for distinguished service to the association. The award recognizes significant service in one or more areas, including leadership and long-term service in an elected or an appointed office. The medal is named after Leonard G. Berry (1914–1982), a founding member of MAC, editor for 25 years of *The Canadian Mineralogist* and its predecessor, and the first winner of MAC's Past-Presidents' (now Peacock) Medal.

Pinch Medal

The Pinch Medal is awarded every other year since 2001 to recognize major and sustained contributions to the advancement of mineralogy by members of the collector and dealer community. This medal is named for William Wallace Pinch (1940–2017) of Rochester (New York, USA) in recognition of his enormous and selfless contributions to mineralogy through the identification of ideal specimens for study and through his generosity in making them available to the academic community.

Nominations for the 2019 award and medals are to be submitted to **Andrew M. McDonald** (Department of Earth Sciences, Laurentian University, Sudbury, ON P3E 2C6, Canada); E-mail: mcdonald@laurentian.ca.

Please submit your nominations by **30 November 2018** for the Pinch Medal and by **31 December 2018** for the others. Check our website, www.mineralogicalassociation.ca, for additional details.

STUDENT TRAVEL/RESEARCH GRANTS

The MAC awards travel and research grants to assist honors undergraduate and graduate students in the mineral sciences. For more information, see www.mineralogicalassociation.ca/. **DEADLINE TO APPLY: 15 JANUARY 2019**