

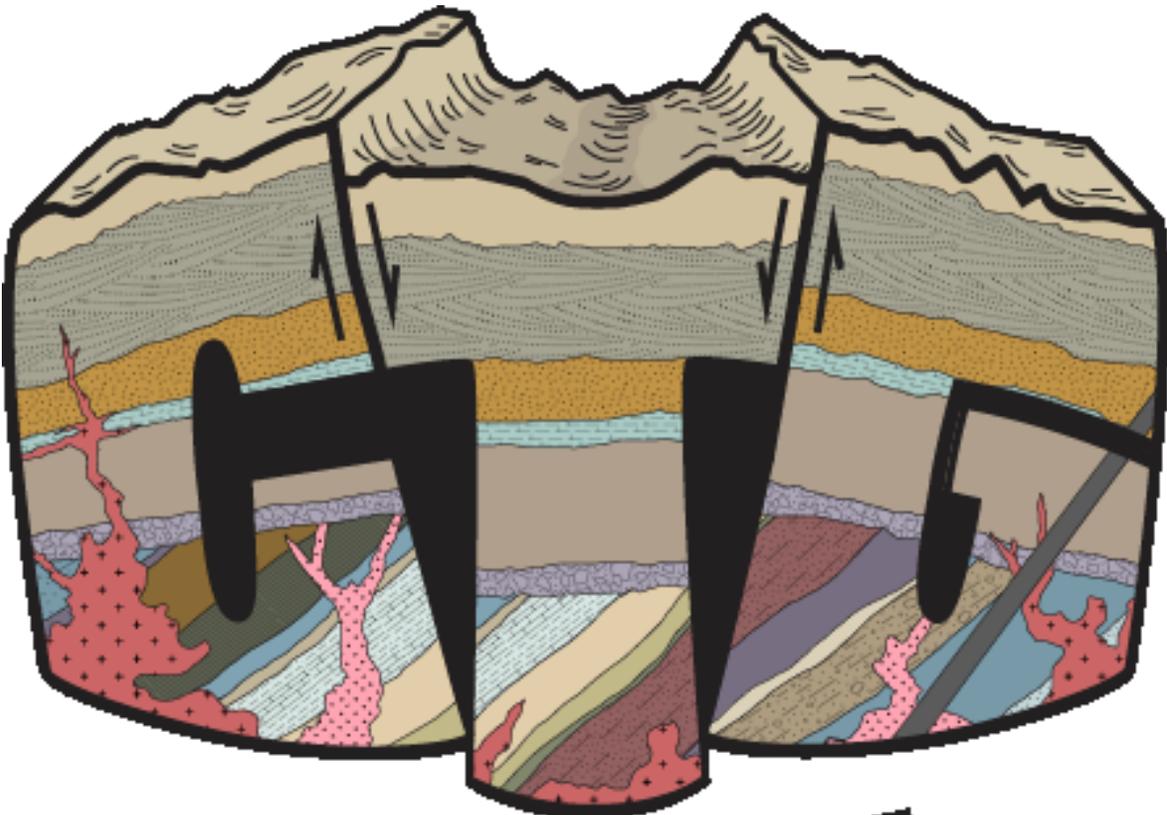


Winter 2022

[www.caniantectonicsgroup.ca](http://www.caniantectonicsgroup.ca)

## THE MAIN THRUST

NEWSLETTER OF THE CANADIAN TECTONICS GROUP DIVISION OF THE GEOLOGICAL ASSOCIATION OF CANADA



1981  2021

*The Canadian Tectonics Group – Highlights from 2021-2022*

Well, we are still in a pandemic situation, but vaccinations and periods of lowered restrictions on travel and meeting have allowed CTG to normalize a little bit over the past year compared to 2020-2021. Between infection waves of the delta and omicron

variants of the COVID-19 virus, we managed to sneak in a very successful and enjoyable CTG 2021 fall workshop to Rouyn-Noranda. Since many of our members were not able to travel to this event, our hosts and organizers Stéphane De Souza and Normand Goulet organized an online component of the workshop in the days preceding the field trip. We expect that this may become a common component of the fall workshop moving forward.

Gabriel Sombini Dos Santos, University of Waterloo, has forged on in organizing our fall/winter seminar series, with the help of Alan Cardenas, University of New Brunswick. Upcoming talks are listed here:

<https://www.canadiantectonicsgroup.ca/2021-2022-seminar-series.html>

We are excited to be hosting Tong Hong, PhD student at University of Waterloo on March 22, 2022 as our next speaker.

If you missed any of our past speakers, you can still catch them on our YouTube channel:

<https://www.youtube.com/channel/UCuCh-8Mx7dwH8cuxiWcieKQ> .

These online seminars are an excellent teaching resource – feel free to use them!

We have made some adjustments to the CTG executive. Edith Martel has stepped down as Vice Chair, and Chris Yakymchuk has stepped in as acting Vice Chair. Luke Beranek from Memorial University of Newfoundland has joined the executive as acting Treasurer to fill Chris' previous role. I would like to extend a huge thank you to Edith for her service, and we are delighted to welcome Luke to our team.

We have a new way to recognize excellence in our research community! **Excellence in the Canadian Tectonics Community** are recognitions that highlight and celebrate excellence *of all forms* among our CTG membership, including anyone demonstrating leadership, dedication or vision in their research, teaching, outreach, diversity, equity and inclusion initiatives, mentoring, etc. Our inaugural awardees are mentioned below.

Finally, we have a cool new logo! To celebrate 41 fantastic years of the CTG, we held a competition for the design of a new logo. Among six great entries, members choose the artwork of Sarah Bowie, an MSc candidate from Simon Fraser University, as the new logo. Buffs and water bottles sporting the new logo were available to purchase at both the Fall workshop and GACMAC 2021. An email will be sent in March with instructions on how we will be accepting pre-orders on bottles, buffs, and T-shirts available at the upcoming GACMAC in Halifax 2022. Those who cannot attend the meeting will be given the option to have their CTG swag shipped to them. Keep an eye posted for details from Shawna White! Any questions regarding CTG swag can be sent to:

[Shawna.White@smu.ca](mailto:Shawna.White@smu.ca).

*2021 Canadian Tectonics Group Annual Workshop*



Group photo of the 2021 CTG fall workshop

“The 2021 CTG workshop was held in Rouyn-Noranda in early October (1st to 3rd). The group was guided by Normand Goulet and Stéphane De Souza from Université du Québec à Montréal, and was composed of 30 participants from Quebec and Ontario, including 15 graduate students and post-docs, and 6 professional geologists. A session of on-line scientific presentations was organised during the week before the field trip, which allowed distanced participation. The group convened on Friday evening for an introduction to the workshop. The two-day field trip (Saturday and Sunday) started with stops along two N-S sections across the Larder Lake-Cadillac fault zone, between the Abitibi and Pontiac subprovinces. This allowed discussion of stratigraphic and structural relationships, of polyphase deformation across the fault zone, and of larger scale tectonic implications. Baptiste Chapon, project geologist at Yorbeau Resources, joined the group to share his knowledge of the Astoria mine site, where shear zones, faults, auriferous veins and unconformities along the Larder Lake-Cadillac fault zone are very well exposed. The group gathered for dinner on Saturday evening, and for a second session of in-person presentations. The second day of the trip was focused on specific stops between Rouyn-Noranda and Val d’Or, where there is evidence of multiple events of auriferous quartz-carbonate vein formation and deformation. An optional stop was added to the program to have a look at the superbly exposed komatiites of spinifex ridge in the Malartic area.”

*-Stéphane De Souza*



*Students: apply for a grant to attend GACMAC in Halifax, May 16-18, 2022*

CTG will once again provide support to enable students to attend the GAC-MAC-IAH-CNC-CSPG 2022 Meeting. Priority will be given to a student or students who are presenting talks or posters on a tectonics and structural geology-related topic. Students should contact the CTG Chair ([dawn.kellett@canada.ca](mailto:dawn.kellett@canada.ca)), attaching a copy of a submitted abstract, together with a short cover letter including:

- A copy of your submitted abstract
- A budget of the costs associated with attending the meeting including, e.g., abstract submission fee, travel and accommodation (if applicable), registration, childcare (even for online attendance) etc., as well as any other sources of funding available;
- A statement indicating why you wish to participate in the meeting, and how you expect to benefit from attending;
- A transcript or transcripts of your academic record.

**Deadline: Mar 31, 2022**

*Tectonics and structural geology (and related) programming at the upcoming 2022 GACMAC, Halifax, NS, May 15-18:*

Find the full program at the conference website: <https://halifax2022.atlanticgeosciencesociety.ca/>

Scientific program:

- **SY-02 Pre-Atlantic geological connections among northwest Africa, western Europe, and eastern North America**  
Sandra Barr, Saïd Belkacim, Faouziya Haissen, Yvette Kuiper, Pilar González, John Waldron
- **SS-01 Tectonic evolution and secular changes in metallogenesis: a session honouring the dedication to public geosciences of Frank Blackwood**  
Alana Hinchey, Hamish Sandeman, and Steve Piercey
- **SS-02 From the mantle to the crust, the geochemical signatures of igneous processes: a session in honour of Jarda Dostal**  
John Greenough, Nancy Van Wagoner
- **SS-03 Zooming in to see the big picture: using nano- to micro-scale observations to better understand Earth processes**  
Noah John Phillips, Crystal Laflamme, Stan Roozen
- **SS-04 It's about time! Advances in petrochronology/thermochronology and applications to tectonics**  
Antoine Godet, Jamie Cutts, Jeff Marsh, Dawn Kellett, Isabelle Coutand, Chris McFarlane, Kyle Larson, Jeff Pollock
- **SS-05 Cratons, cratonic magmatism, and diamonds**  
Yana Fedortchouk, Maya Kopylova, Andrew Schaeffer
- **SS-06 Expressions of mantle plume–lithosphere interaction on the Earth's surface**  
Florian C. Krob, Ulrich A. Glasmacher, Hans-Peter Bung
- **SS-07 Recent advances in the study of Appalachian metamorphism**  
Deanne van Rooyen, Aphrodite Indares
- **SS-23: Tectonics, stratigraphy, and natural resource potential of rifted continental margins: North Atlantic Ocean and beyond**  
Luke Beranek, Emily Johns-Buss, David Lowe
- **SS-24 Orogenic processes seen through the sedimentary rock record**  
Shawna White, Ben M. Frieman, and Rasmus Haugaard
- **SS-21 Evaporites: deposition, deformation, dissolution**  
John W.F. Waldron, Markus Albertz, Paul Durling, Steven J. Ings, Mo Snyder

Relevant short courses:

**SCW-A3 Technical writing workshop for students and early career researchers**

This one day workshop for students and other emerging geoscience professionals will teach key elements of scientific/technical communication. Individual and group assignments and a presentation/technical report will be completed in laboratory sessions.

Relevant field trips:

**FT-A1 Salt tectonics along a late Paleozoic transform fault, Nova Scotia**

This two-and-a-half day trip will visit spectacular coastal sites in Carboniferous rocks of the Maritimes Basin that were deposited and deformed in a transform-fault setting during the assembly of Pangea, with the exciting extra dimension provided by salt tectonics. The trip will be of interest to structural, sedimentary, and resource geoscientists working in tectonically active sedimentary basins. It will visit distinctive features of Nova Scotia geoheritage, including the Joggins Fossil Centre, the Cliffs of Fundy Geopark, and the Pictou Coalfield.

May 12-14, 2.5 days

Leader: John Waldron

**FT-B1 Geological comparisons and correlations among crustal blocks of eastern North America, northwest Africa, and western Europe.**

The purpose of this 5-day field tip is to bring together geoscientists working in eastern North America, northwest Africa, and Europe to discuss potentially correlative crustal blocks with northwest African origin that are now dispersed across the three continents. Fragments of at least three of these blocks occur in Nova Scotia, and hence it is an obvious focus for the field trip. Other areas (NL, southern NB, and SE New England) will be high-lighted during evening "virtual" field trips. This field trip is part of International Geoscience Programme (IGCP) project IGCP 683 (<https://igcp683.org/>) led by Faouziya Haissen (Hassan II University – Casablanca, Morocco), Yvette Kuiper (Colorado School of Mines, USA), Pilar Montero (University of Granada, Spain), and Sandra Barr (Acadia University, Canada). There is an IGCP 683 symposium during the conference

May 19-23, 5 days

Leaders: Sandra Barr, Yvette Kuiper, Deanne Van Rooyen, Chris White

**FT-B2 Stratigraphy and tectonic setting of the Bathurst Mining Camp**

May 18-21, 4 days

Leaders: Jim Walker, Aaron Bustard, Dustin Dahn

*Winners of Best MSc and J. Henderson Best PhD thesis awards*

We are very proud of the recipients of the J. Henderson best PhD and the Best MSc theses for theses completed during the 2020 calendar year:

PhD thesis prize:

**Clément Estève**, University of Ottawa for his thesis "**Evolution and Dynamics of the Lithosphere in Northwestern Canada**", supervised by Pascal Audet.

MSc thesis prize:

**Ryan McKay**, University of Calgary for the thesis "**Cenozoic exhumation history of the northern Richardson Mountains: Results from apatite and zircon (U-Th-Sm)/He analysis**", supervised by Eva Enkelmann.

Congratulations to both winners and their supervisors, and thanks to all our readers!

*Winner of the D. Elliott Best Paper award*

The D. Elliott award for best paper in Canadian structural geology and tectonics, with publication year 2020, was awarded to:

**Mike Duvall (UAlberta)** and his coauthors John Waldron (UAlberta), Laurent Godin (Queen's U) and Yani Najman (Lancaster U) for their paper: **“Active strike-slip faults and an outer frontal thrust in the Himalayan foreland basin”**, published in PNAS

<https://doi.org/10.1073/pnas.2001979117>

Quotation from the short list committee: “This is a short, well written, and well illustrated paper with very high potential impact. Based on previously unpublished seismic data from the Ganges Basin, the authors argue for the presence of several strike-slip faults and a blind thrust fault, all with relatively small displacements, but with huge implications for seismic hazard assessment in the Himalayan foreland region. The work also has major implications for thrust belt kinematics in general, particularly in how thrust salients develop, and how thrust faults propagate into their neighboring foreland regions.” Note that this follows upon Duvall’s receipt of the Jack Henderson 2020 Best MSc award! Well done, Mike!

We would also like to acknowledge and congratulate two honourable mentions:

- Mottram, Kellett, Barresi, Zwingmann, Friend, Todd and Percival for their paper “Syncing fault rock clocks: Direct comparison of U-Pb carbonate and K-Ar illite fault dating methods”, published in [Geology](#),
- Grujic, Ashley, Coble, Coutand, Kellett, Larson, Whipp, Gao and Whynot for their paper “Deformational temperatures across the Lesser Himalayan Sequence in Eastern Bhutan and their implications for the deformation history of the Main Central Thrust”, published in [Tectonics](#).

Many thanks to those who read papers and submitted nominations. Without your time and effort this award would not be possible.

*Forthcoming D. Elliott Best Paper Award*

The call is still open for David Elliott Best Paper Award. Your councillors are preparing a shortlist of papers written *by authors based in Canada or dealing with Canadian topics and with a final publication date in the 2020 calendar year*. Priority will be given to peer-reviewed publications. Submissions from the membership and self-nominations are also welcome. The call closes on **28 Feb, 2022**. We will appoint a small committee of individuals not involved with any of the shortlisted papers to review the papers and select a winner, to be announced at the CTG annual general meeting in May, 2022.

### *Excellence in the Canadian Tectonics Community*

We announced our first recipients of the Excellence in the Canadian Tectonics Community recognitions last month:

#### **Dr. Veronica Prush (McGill U)**

Mentoring; Equity, Diversity, Inclusion

Veronica organized the McGill-UVic "pod" of the Unlearning Racism in Geosciences (URGE) project in 2020-2021. URGE is an ongoing program which aims to address cultural and institutional racism in our discipline in academic and non-academic settings. She guided participants (grad students, postdocs and faculty) through an intensive curriculum of reading and talks to develop deliverables that are the nuclei for future policy development that is already having a big effect at McGill. URGE pod members have started a lot of exciting new programs (e.g. Culture Chats, a resource map for new students and scientists of color, policy proposals for equity in recruitment). It was a huge effort to keep us organized and focused during the pandemic and Veronica led us with sensitivity and efficacy to realize the goals of the program. It was a huge commitment on her part and she carried us over the line every month.

#### **Dr. Renaud Soucy La Roche (INRS), Dr. Eric Thiessen (MUN), Sean Kelly (Dalhousie U)**

Service to community; Equity, Diversity and Inclusion

2020 was a terrible year. It was really hard to keep us all connected, optimistic and focused. For the first time in 40 years we did not hold an in-person fall workshop. When CTG called for volunteers under short notice to organize an online fall workshop, three early career researchers willingly volunteered. Renaud, Sean and Eric didn't volunteer because they had spare time. They volunteered because they knew first-hand how important these workshops are to students and to our national community at large. They worked together as a team to pull off a seamless event. These three individuals represent the core values of CTG: fostering community and sharing of ideas across Canada in the field of tectonics and structural geology. The future of CTG looks bright thanks to the dedication of scientists like Eric, Sean and Renaud.

#### **Ingrid Birker (Redpath Museum at McGill U)**

Mentoring; Equity, Diversity, Inclusion; Outreach; Service to community

Ingrid Birker is the Public Program and Education Coordinator at the Redpath Museum, McGill University. For many years, she has promoted the geologic sciences to school kids, families, McGill students, and the general public through self-designed and self-led field trips, weekend activities, and teaching materials. She brings geology to beginners through downtown building tours and introduction to the sedimentary, volcanic and tectonic history of Montreal. She has a fantastic ability to communicate enthusiasm and passion for geology and the tectonic history. In the last several years, she has acted as a

mentor for the Students of McGill Out-Reach in Earth Sciences (SMORES) group which presents activities for cycle 2 and 3 teachers and students on rock ID and tectonics including Earth heat flow. She has supported the production of online field activities especially for outreach during the pandemic. She leads bike tours for geology (and sometimes winery/brewery stops) in Montreal and the Eastern Townships. What a way to reach people! Ingrid is an inspiration to many young Earth Scientists and an effective educator communicating tectonics to the public. Thank you Ingrid!

**Dr. Nadia Mohammadi** (Carleton U); **Gabriel Sombini Dos Santos** (UWaterloo)

Equity, Diversity, Inclusion; Outreach; Service to community

During the 2020 lockdown, CTG tested out a model of online seminars. Based on the relative popularity of those seminars, CTG proposed to continue them with a fall-winter monthly seminar series, and asked for willing volunteers to organize and host the series. Post-doc Nadia Mohammadi and PhD student Gabriel Sombini Dos Santos took the reins, and put on an exceptional 2020-2021 lecture series, including development of quality posters, coordination with GAC, a diverse roster of early to late career geoscientists covering a wide range of expertise, and creation of a new public CTG YouTube channel to host recorded talks (which we were also able to use to host recordings of the 2020 online fall workshop). Gabriel and Nadia were organized and committed volunteers, gracious and communicative hosts, and full of ideas to increase community engagement in the seminar series. We are lucky that Gabriel has signed on for a second year, and Nadia identified his cohost. The CTG seminar series fills a special niche in the Canadian Tectonics Community in terms of sharing of research and ideas. Its success so far is due entirely to the hard work of these two individuals.

Reminder that nominations for these recognitions can be made at any time, and we will award them biannually, broadly coinciding with GAC and our fall workshops.

Nomination link is on our website: <http://www.canadiantectonicsgroup.ca/>

Nomination form: <https://forms.gle/Sf3fon6tzMH21gtLA>

### *CTG Business Meetings*

Business meetings of the CTG were held online via the Zoom platform in May and Dec of 2021. Minutes are included below.

The next CTG business meeting will be held via Zoom in 2022 around the time of the GACMAC annual meeting.

***Minutes for the May 2021 CTG Annual General meeting have been approved and can be downloaded from this link:***

[https://www.dropbox.com/s/q3pvsq82l224zry/Zoom\\_2021\\_Spring\\_minutes.pdf?dl=0](https://www.dropbox.com/s/q3pvsq82l224zry/Zoom_2021_Spring_minutes.pdf?dl=0)

Canadian Tectonics Group  
Fall Business Meeting MINUTES  
held virtually during  
Covid-19 pandemic  
Dec 8, 2021

Date & Time: Dec 8, 2021 at 1:00 pm ET

Location: virtual meeting hosted on Teams platform

1. Agenda
2. Motion to open meeting by CW and 2nd by AP
3. Approval of Minutes of last meeting on May 26, 2021, held virtually on Zoom platform
4. Matters arising, not covered below
5. Financial report
6. CTG recognition awards and upcoming call for award nominations, update on award changes
7. Fall/winter CTG online seminar series and CTG Youtube channel
8. Upcoming CTG fall workshops 2022, 2023
9. 4(1)st anniversary logo and swag
10. GAC Halifax 2022
11. Other business

Number of eligible members present: \_\_\_\_\_

Meeting chaired by: Dawn Kellett

Minutes taken by: Alex Peace

**1. Approval of Minutes of last meeting on May 26, 2021 online (minutes were distributed to membership on Dec 3, 2021)**

MOVED by Chris Yakymchuk

SECONDED by Alex Peace

VOTE (Motion CARRIED)

**2. Matters arising, not covered below**

**3. Treasurer's report**

Canadian Tectonics Group

Treasurer's Report for June 2020–Dec 2021

Chris Yakymchuk

Expenses

Best MSc prize (May 2021)– \$200.00

Best PhD prize (May 2021)– \$500.00

CTG conference travel funding (Sept 2021)

4 students x \$400 each – \$1600.00

Income

Membership dues (2018, 2019, 2020, 2021) + \$\_\_?\_\_ (held by GAC)

CTG 2019 workshop profits + \$702.77

RBC account balance: + \$873.54

Now transferred to GAC (Dec, 2021)

\*Estimated CTG account balance \$ –723.69

DOES NOT INCLUDE 4 YEARS OF CTG DUES

\*Note: CTG account is in the process of being handed over to GAC for central management.

Report given by Chris Yakymchuk. Account finally closed. We are owed 4 years of dues. This leaves us in a deficit situation. CY says we will proceed with giving out travel funds with approval from Dawn Kellett. DK says it is nice that we can finally consolidate accounts. Profits from 2021 CTG fall workshop (\$805) are in the process of being transferred from UQAM to the CTG-GAC account.

#### **4. Awards**

4 grants of up to \$400 awarded for attendance to GAC-MAC. The virtual attendance by some kept costs down. DK sends congratulations on behalf of CTG. DK also noted the new CTG awards that are nomination based. DK reminds everyone that the call for nominations for best paper will open in January. Best thesis call also opens in January. DK notes CTG appreciation of the reviewers. DK describes the steps taken since the discussion began regarding naming the new award. Clint noted that we should be careful not to give out too many awards. AP notes that we actually haven't had many nominations so it isn't a big risk.

##### **a. GAC Student support:**

We awarded up to \$400 grants to each of the following students that participated in GAC 2021:

Sarah Bowie, SFU, MSc "Pressure-Temperature-time constraints for high temperature metamorphism and deformation in deep crustal shear zones: Shuswap Metamorphic Complex, British Columbia"

Douglas MacLeod, UCalgary, PhD "Late Cretaceous to Eocene exhumation of the Purcell Mountains, southeastern British Columbia"

Will McKenzie, SFU, PhD "Tectonometamorphic evolution of the Kluane basin, Northern Canadian Cordillera"

Rocio Pedreira Perez, UQAM, PhD "Structural and metamorphic evolution of the Nemiscau subprovince, Superior Province, Quebec: long-lasting extrusion and lateral flow of the middle-lower crust?"

##### **b. CTG Excellence in the Canadian Tectonics Community Recognitions**

We announced our first recipients of the Excellence in the Canadian Tectonics Community recognitions last month:

Dr. Veronica Prush (McGill U)

Mentoring; Equity, Diversity, Inclusion

*Veronica organized the McGill-UVic "pod" of the Unlearning Racism in Geosciences (URGE) project in 2020-2021. URGE is an ongoing program which aims to address cultural and institutional racism in our discipline in academic and non-academic settings. She guided participants (grad students, postdocs and faculty) through an intensive curriculum of reading and talks to develop deliverables that are the nuclei for future policy development that is already having a big effect at McGill. URGE pod members have started a lot of exciting new programs (e.g. Culture Chats, a resource map for new students and scientists of color, policy proposals for equity in recruitment). It was a huge effort to keep us organized and focused during the pandemic and Veronica led us with sensitivity and efficacy to realize the goals of the program. It was a huge commitment on her part and she carried us over the line every month.*

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Nomination form: <https://forms.gle/Sf3fon6tzMH21qtLA>

**c. D. Elliott award for best paper:**

*Reminder that the call for nominations will go out in January for papers published in the 2021 calendar year. We will consider online first publications in special cases, but in general, we aim to apply the final publication year of the paper. Our dedicated councilors will continue to provide nominations by scouring journals, but we appreciate community and self nominations as well. The short list committee is appointed annually. If you are interested in participating, please contact Dawn Kellett. First authors of the winning and special mention papers are invited to give seminars in our online seminar series.*

**d. Best MSc thesis and Jack Henderson Best PhD thesis awards:**

*Reminder that the call for nominations will go out in January for MSc and PhD theses completed in the 2021 calendar year. We appreciate all our community members that participate in evaluating theses when called upon. This is an important award for early career researchers, and your efforts are hugely appreciated. Winning thesis authors are invited to give seminars in our online seminar series. Nomination packages no longer require a statement about the duration of the thesis. This is to encourage nominations of theses completed by students that may have been delayed for various reasons without a requirement to justify these reasons. We hope that this will encourage more nominations from diverse candidates.*

**5. Fall/winter CTG online seminar series and CTG Youtube channel**

*Update from Gabriel on the fall session to date, and upcoming talks for the winter session.*

*GSDS gave an update. They are looking for students to give talks. The YouTube channel is proving very popular.*

**6. Upcoming CTG fall workshops 2022, 2023**

*Huge thanks again to Normand Goulet and Stephane de Souza for executing an excellent fall workshop (short presentation from NG/SDS).*

*We are looking for volunteers to organize the 2022 and 2023 fall workshops. Ideally 2022 would be in a western Canada location and 2023 would be in a central Canada location.*

*SDS gave an update. Weather was nice. Maybe 30 people in total. Looked at various structures and stratigraphic relationships. Fieldtrip resulted in a small surplus. NG also notes success of trip including the industrial sponsorship. The inclusion of industrial partners was good for students. DK notes importance of advertising future trips.*

**7.4(1)st anniversary logo and swag**

*Shawna White to give a brief description of the logo competition and how members can purchase CTG swag with the new logo.*

*SW gave an update. There were a few delays that meant this wasn't at the Fall workshop due to issues with the supplier. This means we will have twice as many bottles as originally intended for the same price.*

## **8. GAC Halifax 2022**

*Will take place May 15-17, 2022, in person and virtually. Abstract submissions have opened and will close mid-February.*

*AP described the GAC-MAC 2021 London CTG session as a success. DK describes details of the upcoming GAC. DVR described locations of 2023 and 2024 meetings.*

*CTG-theme sessions:*

*SS-01 Tectonic evolution and secular changes in metallogensis: a session honouring the dedication to public geosciences of Frank Blackwood*

*Alana Hinchey, Hamish Sandeman, and Steve Piercey*

*SS-02 From the mantle to the crust, the geochemical signatures of igneous processes: a session in honour of Jarda Dostal*

*John Greenough, Nancy Van Wagoner*

*SS-03 Zooming in to see the big picture: using nano- to micro-scale observations to better understand Earth processes*

*Noah John Phillips, Crystal Laflamme, Stan Roozen*

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*Deanne van Rooyen, Aphrodite Indares*

*Relevant short courses:*

*SCW-A3 Technical writing workshop for students and early career researchers*

*This one day workshop for students and other emerging geoscience professionals will teach key elements of scientific/technical communication. Individual and group assignments and a presentation/technical report will be completed in laboratory sessions.*

*May 15, full day*

*Location: St. Marys University*

Leader: Jacob Hanley

Relevant field trips:

*FT-A1 Salt tectonics along a late Paleozoic transform fault, Nova Scotia*

*This two-and-a-half day trip will visit spectacular coastal sites in Carboniferous rocks of the Maritimes Basin that were deposited and deformed in a transform-fault setting during the assembly of Pangea, with the exciting extra dimension provided by salt tectonics. The trip will be of interest to structural, sedimentary, and resource geoscientists working in tectonically active sedimentary basins. It will visit distinctive features of Nova Scotia geoheritage, including the Joggins Fossil Centre, the Cliffs of Fundy Geopark, and the Pictou Coalfield.*

*May 12-14, 2.5 days*

*Leader: John Waldron*

*FT-B1 Geological comparisons and correlations among crustal blocks of eastern North America, northwest Africa, and western Europe.*

*The purpose of this 5-day field tip is to bring together geoscientists working in eastern North America, northwest Africa, and Europe to discuss potentially correlative crustal blocks with northwest African origin that are now dispersed across the three continents. Fragments of at least three of these blocks occur in Nova Scotia, and hence it is an obvious focus for the field trip. Other areas (NL, southern NB, and SE New England) will be high-lighted during evening “virtual” field trips. This field trip is part of International Geoscience Programme (IGCP) project IGCP 683 (<https://igcp683.org/>) led by Faouziya Haissen (Hassan II University – Casablanca, Morocco), Yvette Kuiper (Colorado School of Mines, USA), Pilar Montero (University of Granada, Spain), and Sandra Barr (Acadia University, Canada). There is an IGCP 683 symposium during the conference.*

*May 19-23, 5 days*

*Leaders: Sandra Barr, Yvette Kuiper, Deanne Van Rooyen, Chris White*

*FT-B2 Stratigraphy and tectonic setting of the Bathurst Mining Camp*

*May 18-21, 4 days*

*Leaders: Jim Walker, Aaron Bustard, Dustin Dahn*

#### **9. Other business**

- *CTG sponsorship of Penrose proposal – councilors please send feedback*
- *Acting vice chair position – Chris Yakymchuk will take over as acting Vice Chair, with Luke Beranek stepping in as acting treasurer.*
- *Field trip volume?*

*Motion to close meeting:*

*Motion:*

*Seconded:*

*Meeting adjourned: TIME: 1pm*

## Current CTG Executive and Councillors

**Chair:** *Dawn Kellett*, GSC-Atlantic, Dartmouth

**Acting Vice Chair:** *Chris Yakymchuk*, University of Waterloo, Waterloo

**Secretary:** *Alexander Peace*, McMaster University, Hamilton

**Acting Treasurer:** *Luke Beranek*, Memorial University of Newfoundland, St. John's

### **Councillors:**

*Kathryn Bethune*, University of Regina, Regina

*Normand Goulet*, Université Québec à Montreal

*Lyal Harris*, Institut national de la recherche scientifique, Québec

*Mary Louise Hill*, Lakehead University, Thunder Bay

*John Waldron*, University of Alberta, Edmonton

*Joseph C. White*, University of New Brunswick, Fredericton

*Laurent Godin*, Queen's University, Kingston

*Dan Gibson*, Simon Fraser University, Burnaby

*Deanne van Rooyen*, Cape Breton University, Sydney

*Camille Partin*, University of Saskatchewan, Saskatoon

*Shoufa Lin*, University of Waterloo, Waterloo

*Dazhi Jiang*, University of Western Ontario, London