



1st June 2023 | Issue 20

Welcome to the last issue of the newsletter in this academic year.

We would like to thank you, our readers for your help and support keeping this newsletter running.

We wish everyone a lovely summer, filled with holidays, relaxation and one or two conferences!

We will be back in September. Any PG research student looking to get involved in the newsletter, please contact us directly.

Our newsletters are archived and uploaded on the Geology website. You can access them [here](#).

The G(e)ossip will be released on the last Thursday of each month.

If you have feedback or anything to be added to upcoming newsletter issues, please send us an email at geossip.tcd@gmail.com.

-The G(e)ossip Team

DEPARTMENT NEWS

Congratulations to **Patrick Wyse Jackson** who recently was promoted to Professor in Geology!

Find out about his research [here](#).



At the end of April, **Erica Krueger** was among a group of researchers from [ICRAG](#) and [Ireland's Fossil Heritage](#) that spent a weekend in Dingle at [Féile na Bealtaine](#).

They hosted a fossil beach walk with over 135 people in attendance, which was well received by all.



FAREWELL

Farewell to **Francis Hendron**, our beloved Chief Technical Officer, who is retiring with the end of this academic year.

We would like to thank him for all the help he provided us over the years and wish him well in this next phase of his life!

DEPARTMENT NEWS

Congratulations to **Erica Krueger** on her new roles of incoming Vice President, Communications and PR, and Student Representative for the [Irish Geological Association!](#)

Students - you can join the IGA for only €5 per year - contact Erica at kruegere@tcd.ie for details on how to sign up.



GEOLOGICAL MUSEUM

The establishment of a digital record for the **Geological Museum** has started, which will make the collections more accessible.

You can follow the progress [here](#).



The **Charles Holland Collection** (Silurian of Kerry) is available through the [Arctos database](#) and through [GBIF](#).

The **Geological Museum** is the first Irish institution to publish Irish fossil data.

We wish them well in their endeavour.

CONFERENCES

DMG Volcano Day

On 10 May **Mike Stock** and Claire Harnett (UCD) hosted the inaugural Dublin Volcano Day in the Museum Building. This 1-day event brought together researchers from the School of Earth Sciences at UCD, the Geophysics Section of DIAS and our Department to talk all things volcanology, supported by iCrag. There were a total of 26 speakers, including several members of our Department.



DEPARTMENT NEWS

Congratulations to **Derek Vance**, a graduate of this department (1986) and now a professor in ETH in Zurich, who was recently elected a Fellow of the Royal Society!

Find out more about his research [here](#). Check out the society [here](#).



THE ROYAL SOCIETY

COMMUNITY

As a member of the **Trinity community**, you have the right to study or work in an environment that is **free from bullying, harassment, and sexual misconduct**. [Speak Out](#) provides the opportunity for you to make the University aware of incidents that you have either experienced or witnessed by reporting them anonymously.



SCIENCE COMMUNICATION

Erica Krueger was a featured speaker at this year's [Pint of Science](#) festival on 24th May. This global science festival is held annually in 26 countries and brings researchers and local people together in pubs to discuss scientific findings. Thanks to all that came out to support [Erica](#) and her research!



MENTAL HEALTH MATTERS

TCD's Student Counselling Services is open and available to all registered students. Check out their website [here](#) to read about the services they provide, email them at student-counselling@tcd.ie to request an appointment, and follow them on Instagram at [@tcd_headspace](#) for mindfulness and mental health awareness tips. They now offer [PhD research support groups](#) to keep you on track!

UPCOMING CONFERENCES

36th International Meeting of Sedimentology
Dubrovnik, 12-16 June, [website](#)

14th International Platinum Symposium
Cardiff, 4-7 July, [website](#)

4th International Meeting on Stratigraphy (Strati2023)
Lille, 11-13 July, [website](#)

Goldschmidt Conference
Lyon, 9-14 July, [website](#)

International Conference on Crystal Growth and Epitaxy (ICCGE-20)
Naples, 30 July - 4 August, [website](#)

LAB UPDATE

Reminder for **FT Lab** users: Only trained users can use the polisher, once a booking has been made on the online calendar. If you're not trained and need to use it in the future, please contact **Remi Rateau** (rrateau@tcd.ie).

PUBLICATIONS

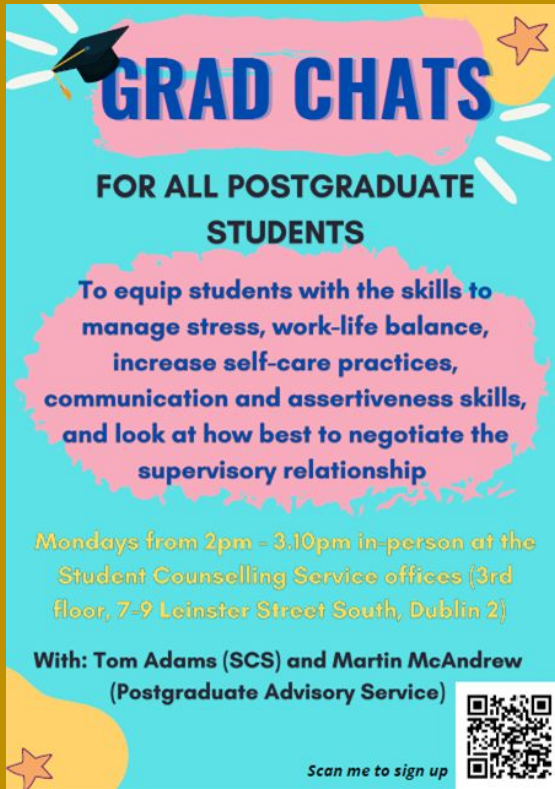
- ❑ Ketzer, M., Praeg, D., Augustin, A. H. A. H. Rodrigues, A. H. Steiger, A. K. Rahmati-Abkenar, M., Viana, A. R. Miller, D. J., Malinverno, A., **Dickens, G. R.**, Cupertino, J. A., Gravity complexes as a focus of seafloor fluid seepage: the Rio Grande Cone, SE Brazil. *Scientific Reports*, 13, 4590 (2023) <https://doi.org/10.1038/s41598-023-31815-1>
- ❑ Nicholas Andrew Vafeas, Paul Slezak, **David Chew**, **Maurice Brodbeck**, Murray W. Hitzman, Danny Hnatyshin; U-Pb Dating of apatite from silvermines deposit, Ireland: a model for hydrothermal ore genesis. *Economic Geology* 2023; doi: <https://doi.org/10.5382/econgeo.5016>
- ❑ Marthe Klöcking, Lesley Wyborn, Kerstin A. Lehnert, Bryant Ware, Alexander M. Prent, Lucia Profeta, Fabian Kohlmann, Wayne Noble, Ian Bruno, Sarah Lambert, Halimulati Ananuer, Nicholas D. Barber, Harry Becker, **Maurice Brodbeck**, Hang Deng, Kai Deng, Kirsten Elger, Gabriel de Souza Franco, Yajie Gao, Khalid Mohammed Ghasera, Dominik C. Hezel, Jingyi Huang, Buchanan Kerswell, **Hilde Koch**, Anthony W. Lanati, Geertje ter Maat, Nadia Martínez-Villegas, Lucien Nana Yobo, Ahmad Redaa, Wiebke Schäfer, Megan R. Swin, Richard J.M. Taylor, Marie Katrine Traun, Jo Whelan, Tengfei Zhou, 2023. Community recommendations for geochemical data, services and analytical capabilities in the 21st century. *Geochimica et Cosmochimica Acta*, 351, 192-205. <https://doi.org/10.1016/j.gca.2023.04.024>
- ❑ Somlyay, A., Palcsu, L., Kiss, G.I., Clarkson, M.O., **Kovács, E.B.**, Vallner, Z., Zajzon, N. and Pálffy, J., 2023. Uranium isotope evidence for extensive seafloor anoxia after the end-Triassic mass extinction. *Earth and Planetary Science Letters*, 614: 118190. <https://doi.org/10.1016/j.epsl.2023.118190>
- ❑ Marcus M. Key, Jr., **Patrick N. Wyse Jackson**, Madelaine McDowell and Merlynd K. Nestell (2023) Astogenetic morphologic variation in the bryozoan *Prophyllodictya gracilis* from the Middle Ordovician of Russia and inferred colony-wide feeding currents. *Papers in Palaeontology* 9(3), 1–13 (e1492). <https://doi.org/10.1002/spp2.1492>
- ❑ Catherine M. Reid, **Patrick N. Wyse Jackson** and Marcus M. Key, Jr. (2023) Latitudinal influences on bryozoan calcification through the Paleozoic. *Paleobiology* 49(2), 271–283. <https://doi.org/10.1017/pab.2022.31>

COMMUNITY

Blanka Kovács and **Erica Krueger** went to the Giant's Causeway on 27 May with Paddywagon as the winners of a giveaway on the TCD Student Union [Instagram page](#). They held back the urge to correct the tour guide's knowledge of geology, as they need the ride back to Dublin.



POSTGRAD STUDENT SUPPORT

A colorful poster for 'GRAD CHATS' for all postgraduate students. The title 'GRAD CHATS' is in large blue letters on a pink background. Below it, the text 'FOR ALL POSTGRADUATE STUDENTS' is in bold black letters. A central pink cloud contains the text: 'To equip students with the skills to manage stress, work-life balance, increase self-care practices, communication and assertiveness skills, and look at how best to negotiate the supervisory relationship'. Below this, it says 'Mondays from 2pm - 3.10pm in-person at the Student Counselling Service offices (3rd floor, 7-9 Leinster Street South, Dublin 2)'. At the bottom, it lists 'With: Tom Adams (SCS) and Martin McAndrew (Postgraduate Advisory Service)' and includes a QR code with the text 'Scan me to sign up'.

Learn more on the PG Grad Chats [webpage](#) and pre-register [here](#).

WELLBEING

The [Silver Cloud programme](#) provides a great online tool to help you improve and maintain your wellbeing by addressing issues that can have a negative impact on your life.

The program is provided by Student Counselling and is available to everyone in the Trinity Community.

SAFETY AND ENERGY SAVING

Turn off the light!



Please make sure when you're leaving your office for the day to close the door properly, turn off all the lights and appliances. This includes the hallway lights as well.