precipitation of calcium carbonate formations called pool fingers; and the microbial diversity located in the hydrogen sulfide cave of Cueva de las Sardinas in Tabasco (Mexico). She now studies the microbial diversity in lava caves world-wide, with an eye on astrobiological implications. She is a visiting associate professor in biology, and a professor emerita at the University of New Mexico.

Hubert Vonhof is a group leader at the Max Planck Institute for Chemistry (MPIC) in Mainz (Germany). Prior to coming to MPIC in 2016, he was an associate professor at the Free University of Amsterdam (The Netherlands) where he specialized in low-temperature isotope geochemistry. At MPIC, he runs the stable isotope laboratory and coordinates paleoclimatological research, focusing on fluid-inclusion isotope analysis of speleothem records. Specific areas of interest are the speleothem-based climate records of monsoon systems, and reconstructing paleoclimates in an archeological context.

Kathleen A. Wendt is a postdoctoral researcher at Oregon State University (USA). She completed her PhD at the University of Innsbruck (Austria) in collaboration with the University of Minnesota (USA) where she specialized in uranium-series dating of cave carbonates, including the development of a novel uranium–uranium dating method. Her research focuses on using high-precision dating techniques to pinpoint the timing of past climate changes. Her work has sent her to caves around the world, from Brazil to the Alps to Death Valley (California, USA). She is currently studying Antarctic ice to reconstruct decadal-scale changes in atmospheric CO_2 concentrations.

PROFESSOR DINGWELL ELECTED TO THE ROYAL SOCIETY

Geoscientist Professor Donald Bruce Dingwell is Chair of Mineralogy and Petrology at the Ludwig-Maximilians-Universität München (Germany) and also the current Director of the Department of Earth and Environmental Sciences at that university. In recognition of his scientific achievements, he has now been elected to the Royal Society (UK).

The Royal Society is a fellowship of many of the world's most eminent scientists and is the oldest scientific academy in continuous existence, having been founded in 1660. Each year, the Royal Society elects up to 52 Fellows and 10 Foreign Fellows to its ranks. The Royal Society currently has about 1,700 Fellows, including 74 Nobel laureates.

Prof. Dingwell is active in the field of experimental geomaterials research, with primary applications in petrology and volcanology. An example of his latest research on magma viscosity was recently published in Nature (2021, v592 pp 237-241). Prof. Dingwell has previously received numerous national, European, and international awards. These include fellowship to the Royal Society of Canada, the Academia Europaea (a European-wide academy headquartered in London, UK), and the German National Academy of Sciences Leopoldina. The Royal Society Fellowship will be his fifth academy election.

IAG Young Scientist Award 2022

The International Association of Geoanalysts (IAG) sponsors an annual award for research by an early career scientist that closely reflects the goals of our Association.

The award promotes the careers of scientists who have either developed new analytical methods and strategies to improve data quality or characterised reference materials relevant to the field of geoanalysis.

Eligibility is limited to scientists who are currently pursuing a higher degree in a field related to geoanalysis or who have completed their university education within the past three years.

The candidate must be nominated by a senior scientist from the geoscience community.

The award is based upon first-authored peer-reviewed papers published in an international journal.

The award consists of an 18-month free membership of the IAG and a cash prize of $1,000 US. The awardee will be expected to present their work at the 2022 Goldschmidt conference in Chicago, USA, where the award ceremony takes place. The registration fee for this conference will be paid as part of this award.

Submission requirements, further details and the nomination form can be downloaded from the IAG website: http://www.geoanalyst.org/awards/

Nominations must be received by 31 October 2021