



minerals

Dear Colleagues,

We are pleased to announce that the winner of the *Minerals* 2022 Young Investigator Award is Dr. Shaunna M. Morrison.

Dr. Shaunna M. Morrison is a mineralogist and planetary scientist with expertise in crystallography, crystal chemistry, and the application of data-driven techniques.

Morrison is the 4D (Deep Time Data Driven Discovery) Initiative Co-Director at the Carnegie Institution for Science's Earth and Planets Laboratory, former Project Manager of the Carnegie-led 3Deep-Time Data Infrastructure (DTDI), a Co-Investigator of the CheMin X-ray diffraction instrument on the NASA Mars Science Laboratory (MSL) mission, a collaborator on the NASA Astrobiology ENIGMA Project, and a Co-Investigator of the NASA Astromaterials Data System. In addition, she is a data contributor and collaborator of the RRUFF Project, including the Mineral Evolution Database (MED), Mineral Properties Database (MPD), and the Evolutionary System of Mineralogy Database (ESMD).

Morrison builds on her technical and theoretical background in crystallography, crystal chemistry, and Martian mineralogy to explore new techniques in multidimensional, multivariate analysis and visualization by employing a range of advanced analytics and machine learning techniques to better understand the complex relationships among Earth and planetary materials, their formational environments through deep time, and their coevolution with the biosphere.

As the awardee, Dr. Shaunna M. Morrison will receive an honorarium of CHF 2000, an offer to publish a paper free of charge without a fixed deadline in *Minerals* after peer review, and an electronic certificate.

We would like to thank all those who made nominations from various fields of study for their participation, as well as all Award Committee Members for their evaluation of the many excellent nominations.

Prof. Dr. Paul Sylvester
Editor-in-Chief, *Minerals*

2022 YOUNG INVESTIGATOR AWARD

WINNER



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Minerals Editorial Office
St. Alban-Anlage 66
CH-4052, Basel, Switzerland

minerals@mdpi.com
www.mdpi.com/journal/minerals