

## **Funded Ph.D. project: Early Earth/Astrobiology and Geochemistry**

I am searching for a Ph.D. student to join my lab at the University of Cincinnati in August 2021 on a fully-funded NASA Exobiology project titled “Oxidizing Oases in the Paleoproterozoic Moodies Group, Barberton Greenstone Belt, South Africa”. The student would join an international team to study the environmental distributions of early oxidizing photosynthetic communities and associated weathering processes through a cross-disciplinary approach.

The planned Ph.D. project will be based largely on multiple stable isotope geochemistry (C, O, and Fe) and Raman spectroscopy of organic materials associated with detrital minerals. Experience with geochemistry (particularly isotope geochemistry) is preferred, but not required.

Please contact me at [Andrew.czaja@uc.edu](mailto:Andrew.czaja@uc.edu) for more information. Please also check out my website at <http://andyczaja.com>.