

## **Citation for the 2018 RAS 'G' Winton Award: Dr Kerri Donaldson Hanna**

The 2018 Winton Award for Geophysics is awarded to Dr Kerri Donaldson Hanna.

Dr Kerri Donaldson Hanna obtained her PhD from Brown University in the United States in 2013, and currently holds a UK Space Agency Aurora Fellowship at Oxford University. She is an exceptional planetary scientist, specialising in the study of the surface compositions of the rocky, airless bodies through infrared remote sensing. Dr Donaldson Hanna has led work in combining data sets across multiple wavelength ranges, with particular success in analysis of the lunar crust and asteroid surfaces.

She is currently playing a central role on NASA's OSIRIS-REx mission to return a sample of asteroid Bennu to Earth in 2022. Dr Donaldson Hanna's work in the field of laboratory thermal infrared spectroscopy will also help underpin the quantitative interpretation of remote sensing data that will be obtained by a wide range of future space missions.

In addition to her impressive research record, Dr Donaldson Hanna's commitment to the wider planetary science community is illustrated by the fact that she has already organised two RAS Specialist Discussion meetings, and has also proved to be an enthusiastic collaborator and mentor for young planetary scientists. Collectively, these are remarkable achievements for someone who obtained their PhD only four years ago.

For these reasons, Dr Donaldson Hanna is awarded the Royal Astronomical Society's Winton Award for Geophysics.