



Royal
Astronomical
Society

Amelia Jane Piper – Annie Maunder Medal

She is a Palaeontologist and researcher - her most recent research has been CT scanning Coprolite fossils to uncover their origin. Being a young person herself she has always been deeply aware of the need for young people's voices to be heard and included. She founded the non-profit charitable organisation MajorTim.space in 2016 age 14. She is a journalist at The Geological Society. Amelia is also a tutor of Palaeontology, STEM and space for young people.

By 2017 MajorTim.space was developing into the organisation it is today, providing workshops at major festivals such as New Scientist Live etc and with GirlGuiding and the Scout Association. Apollo 15 astronaut, Al Worden offered to become patron in 2017 - a rather incredible achievement for an organisation just celebrating their first anniversary.

In 2018, Amelia won the prestigious TeenTech Manufacturing Award for her research on light pollution. She continues her development of a model for an affordable smart attachment for existing lamp posts to reduce light pollution - Cutting off the glare, but still providing sufficient lighting for roads etc. In 2019, she was presented with an Award at Buckingham Palace by a member of the Royal Family.

MajorTim.space recently won the prestigious British Interplanetary Society Sir Arthur Clark Award for education and outreach.

Amelia was awarded the UKSEDS Outreach Ambassador of the Year Award twice - 2020 and 2022. Her approach to the education of young people is both inspiring and creative. She is a positive role model for young people - demonstrating that young people can make a difference.

The MajorTim.space Young Ambassador Programme provides young people from all backgrounds, ethnicities, faiths, all abilities and genders opportunities that they would not ordinarily have. They interview professionals in STEM fields and celebrities.

The organisation provides fortnightly meetings for the children with different engaging speakers and includes young people age 16+ as Mentors - Amelia feels the younger generation respond and learn better when following in the footsteps of people nearer their own age.

Jim Worden (former Pilot) and brother of former patron Al Worden) offered to become a patron in 2022.

Followed by Fred Haise (Apollo 13 astronaut), Jim Adams (former Chief of NASA), Poppy Northcutt (the first woman in NASA's mission control) and Steve Sherman (mathematician from South Africa).

In 2024, to mark the 8th Anniversary of MajorTim.space October 2024, Dallas Campbell, TV presenter became a patron of MajorTim.space