Thomas Barclay

Curriculum Vitae

University of Maryland, Baltimore County
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Experience

2018–present **Associate Project Scientist**, *TESS*, NASA Goddard Space Flight Center.
2018–present **Director**, *TESS Science Support Center*, NASA Goddard Space Flight Center.
2017–2018 **Deputy Director**, *TESS Science Support Center*, NASA Goddard Space Flight Center.
2016 **Project Scientist (Acting)**, *K2 Mission*, NASA Ames Research Center.
2014–2017 **Director**, *Kepler/K2 Guest Observer Office*, NASA Ames Research Center.
2011–2014 **Research Scientist**, *Kepler Guest Observer Office*, NASA Ames Research Center.

Education

2007–2011 **Doctor of Philosophy**, *Astrophysics*, University College London, UK.
2006–2007 **Master of Science**, *Astronomy and Radio Astronomy*, Univ. of Manchester, UK.
2002–2006 **Bachelor of Science (hons.)**, *Physics with Astrophysics*, University of Leeds, UK.

Awards and Grants

2018 **Swift Guest Investigator Cycle 14 Key Project**, *PI: Barclay*, A Comprehensive, Multi-wavelength Survey of Cool Star Activity.
2018 **Kepler Guest Observer Cycle 6**, *PI: Barclay*, Cool Star Activity Through Time.
2017 **NASA Exceptional Public Service Medal**.
2016 **NASA Ames Honor Award**.
2016 **NASA Ames Group Achievement Award**, *K2 Guest Observer Office*.

Relevant Publications

110 refereed publications, 8000+ total citations.

Barclay et al., *A Revised Exoplanet Yield from the Transiting Exoplanet Survey Satellite (TESS)*, ApJ, 2018.

Barclay et al., *The Demographics of Rocky Free-Floating Planets and Their Detectability by WFIRST*, ApJ, 2017.

Quintana, Barclay et al., *Giant Impact on Earth-like planets*, ApJ, 2016.

Barclay et al., *The Five Planets in the Kepler-296 Binary System All Orbit the Primary: A Statistical and Analytical Analysis*, ApJ, 2015.

Barclay et al., *Radial velocity observations and light curve noise modeling confirm that Kepler-91b is a giant planet orbiting a giant star*, ApJ, 2015.

Quintana, Barclay, et al., *An Earth-sized planet in the habitable zone of a cool star*, Science, 2014.

Barclay et al., *A Sub-Mercury-Sized Exoplanet*, Nature, 2013.

Barclay et al., *Photometrically Derived Masses and Radii of the Planet and Star in the TrES-2 System*, ApJ, 2012.