Susan Elizabeth Mullally

(née Susan Elizabeth Thompson)

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Professional Experience

Space Telescope Science Institute, MAST	**Senior Staff Scientist**	
Space Telescope Science Institute, Baltimore, MD	2017-Present	
***Kepler* Space Mission**	**Scientist**	
SETI Institute/NASA Ames Research Center, Moffett Field, CA	2010-2017	
Delaware Asteroseismic Research Center	**Assistant Director**	
Dept. Physics, University of Delaware, Newark, DE	2007-2010	
Princeton University	**Visiting Research Collaborator**	
Dept. of Astronomy and Astrophysics, Princeton, NJ	2009-2010	
The Colorado College	**Assistant Professor of Physics**	
Colorado Springs, CO	2004-2007	

Education

Ph.D. University of North Carolina, Chapel Hill	2004
M.S. University of North Carolina, Chapel Hill	2001
B.A. Hanover College, Indiana	1998

Select Grants and Awards

NASA Exceptional Scientific Achievement Medal	2018
AURA Team Award: Tess Data Management and Archive	2019
Three *K2* Guest Observer Grants PI/Co-I	2016-2017

Select Publications

V. B. Kostov, S. E. Mullally, E. V. Quintana, J. L. Coughlin et al., 2019. "Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools." Astrophysical Journal, 157:124.

F. Mullally, S. E. Thompson, J. L. Coughlin, C. J. Burke & J. F. Rowe, 2018. "Kepler's Earth-like Planets Should Not Be Confirmed without Independent Detection: The Case of Kepler-452b." Astrophysical Journal, 155:210.

S. E. Thompson et al., 2018. "Planetary Candidates Observed by Kepler. VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25." Astrophysical J. Suppl., 235:38.

M. K. Zimmerman, S. E. Thompson, F. Mullally, J. Fuller et al., 2017. "The Pseudosynchronization of Binary Stars Undergoing Strong Tidal Interactions." Astrophysical J., 846:147.

J. L. Coughlin et al., 2016. "Planetary Candidates Observed by Kepler. VII. The First Fully Uniform Catalog Based on the Entire 48-month Data Set (Q1-Q17 DR24)." Astrophysical J. Suppl., 224:12.

S. E. Thompson et al., 2015. "A Machine Learning Technique to Identify Transit Shaped Signals." Astrophysical J., 812:46.

S. E. Thompson et al., 2012. "A Class of Eccentric Binaries with Dynamic Tidal Distortions Discovered with Kepler." Astrophysical J., 753:86.