

Jessie Christiansen — Curriculum Vitae

NASA Exoplanet Science Institute, California Institute of Technology
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Employment

2013 – present: Staff Scientist

NASA Exoplanet Science Institute/California Institute of Technology, Pasadena, CA, USA

2013 – 2017: Kepler Participating Scientist

NASA Exoplanet Science Institute/California Institute of Technology, Pasadena, CA, USA

2010 – 2013: Staff Scientist, Kepler Science Office

NASA Ames Research Center/SETI Institute, Moffett Field, CA, USA

2008 – 2010: Postdoctoral Research Fellow

Harvard-Smithsonian Center for Astrophysics, Boston, MA, USA

2004 – 2007: Postgraduate Assistant

University of New South Wales, Sydney, NSW, Australia

Education

2007: PhD (Astronomy), University of New South Wales, Sydney, Australia

2003: BSc Hons (Astronomy), Australian National University, Canberra, Australia

2002: BSc (Advanced Studies), Griffith University, Brisbane, Australia

Selected Refereed Publications

Christiansen, J. L., Crossfield, I. J. M., Barentsen, G., et al. 2018, *AJ*, 155, 57, *The K2-138 System: A Near-resonant Chain of Five Sub-Neptune Planets Discovered by Citizen Scientists*

Christiansen, J. L., Vanderburg, A., Burt, J., et al. 2017, *AJ*, 154, 122, *Three's Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets*

Christiansen, J. L., Clarke, B. D., Burke, C. J., et al. 2016, *ApJ*, 828, 99, *Measuring Transit Signal Recovery in the Kepler Pipeline. III. Completeness of the Q1-Q17 DR24 Planet Candidate Catalogue with Important Caveats for Occurrence Rate Calculations*

Christiansen, J. L., Clarke, B. D., Burke, C. J., et al. 2015, *ApJ*, 810, 95, *Measuring Transit Signal Recovery in the Kepler Pipeline II: Detection Efficiency as Calculated in One Year of Data*

Burke, C. J., **Christiansen, J. L.**, Mullally, F., et al. 2015, *ApJ*, 809, 8, *Terrestrial Planet Occurrence Rates for the Kepler GK Dwarf Sample*

Christiansen, J. L., Clarke, B. D., Burke, C. J. et al. 2013, *ApJS*, 207, 35, *Measuring Transit Signal Recovery in the Kepler Pipeline I: Individual Events*

Christiansen, J. L., Jenkins, J. M., Barclay, T. S. et al. 2012, *PASP*, 124, 1279, *The Derivation, Parameters and Value of Kepler's Combined Differential Photometric Precision*

Christiansen, J. L., Ballard, S., Charbonneau, D., Madhusudhan, N., Seager, S., Holman, M., Wellnitz, D. D., Deming, D., A'Hearn, M. F. and the EPOXI team, 2011, *ApJ*, 710, 97, *Studying the atmosphere of the exoplanet HAT-P-7b via secondary eclipse measurements with EPOXI, Spitzer and Kepler*

Christiansen, J. L., Ballard, S., Charbonneau, D. et al. 2011, *ApJ*, 726, 94, *System Parameters, Transit Times, and Secondary Eclipse Constraints of the Exoplanet Systems HAT-P-4, TrES-2, TrES-3, and WASP-3 from the NASA EPOXI Mission of Opportunity*

Christiansen, J. L., Deras, A., Kiss, L. L., Ashley, M. C. B., Curran, S. J., Hamacher, D. W., Hidas, M. G., Thompson, M. R., Webb, J. K., Young, T. B, 2008, *MNRAS*, 385, 1749, *The University of New South Wales Extrasolar Planet Search: a catalogue of variable stars from fields observed between 2004 and 2007*