

Natalia Guerrero

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Research Experience

TESS Objects of Interest Manager and MIT-TESS Communications Lead TESS Science Office, MIT Kavli Institute for Astrophysics and Space Research, Cambridge, MA	Dec. 2017-present
Laboratory technician, TESS Flight Camera Testing MIT Kavli Institute for Astrophysics and Space Research, Cambridge, MA	Feb. 2016-Dec. 2017
Graduate research assistant MIT Laboratory for Nuclear Science, Cambridge, MA	Oct. 2014-Feb. 2016
Undergraduate research assistant SNOLAB, Sudbury, Ontario, Canada	Jul. 2012/Jan. 2014

Education

Pursuit of DPhil in Physics by Research Royal Holloway University of London, Cambridge, MA, USA / Egham, Surrey, UK	2014-2016
SB Physics Massachusetts Institute of Technology, Cambridge, MA, United States <i>Awards:</i> American Physical Society Minority Scholar (2012, 2013)	2010-2014

Selected Talks and Conference Presentations

Invited talk: “TOI Catalog from the TESS Prime Mission+Y3” Penn State Center for Exoplanets & Habitable Worlds Virtual Seminar Series, Oct. 2020
Invited talk: “Updates on the TESS Objects of Interest Catalog from the TESS Prime Mission” Kavli Institute for Theoretical Physics Exostar Redux, virtual (UCSB, California), Aug. 2020
Contributed talk: “TOI Catalog from the TESS Prime Mission” Exoplanets III, virtual (Heidelberg, Germany), Jul. 2020
Contributed talk: “TOI Catalog from Year 1 of the TESS Mission” 235 th American Astronomical Society Meeting, Honolulu, HI, Jan. 2020
Contributed talk: “TESS Objects of Interest Catalog” TESS Science Conference I, Cambridge, MA, Jul. 2019

Key Engagement and Public Outreach

Invited keynote speaker “Exploring new planets with TESS” Hispanic Heritage Month Keynote, MIT Lincoln Laboratory, Lexington MA	Oct. 2019
Instructor and curriculum designer Community School of the Arts “Abstract Arecibo” art-astronomy lesson, Women in the Arts, Orlando, FL	June 2019
Organizer and panelist “Hi Neighbor! New Discoveries from NASA’s TESS” Intelligent Futures panel, SxSW, Austin, TX	Mar. 2019
Science communicator TESS launch TV, radio, print interviews in English and Spanish, Cape Canaveral, FL	Apr. 2018

Publications

Guerrero N., Seager S., Huang C. X., +101 co-authors (submitted, 2019), “The TESS Objects of Interest Catalog from the TESS Prime Mission,” *Astrophysical Journal Supplement Series*, TBD

[See additional publications on ADS](#)