

TYLER HOLLAND-ASHFORD

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Education

The Ohio State University	Astronomy	Ph.D., 2017–present
The Ohio State University	Astronomy	M.S., 2017
Harvey Mudd College	Physics	S.B., 2015

Awards

<i>Chandra</i> Cycle 21 Observer Program Award, <i>Chandra</i> X-ray Observatory	2019
Dean’s Distinguished University Fellowship, <i>OSU Astronomy Dept</i>	2015–2017
President’s Scholarship Program (4-year scholarship at <i>Harvey Mudd College</i>)	2011–2015

Presentations

“ <i>Measuring the Asymmetries of Heavy Elements in the Supernova Remnant Cassiopeia A</i> ”	
20 Years of <i>Chandra</i> Meeting, Poster Presentation	2019
17th HEAD Meeting, Poster Presentation	2019
“ <i>Asymmetries of Heavy Elements in Cassiopeia A</i> ”	
NSBP Conference, Talk	2018
“ <i>Comparing Neutron Star Kicks to Supernova Remnant Asymmetries</i> ”	
16th HEAD Meeting, Poster Presentation	2017
“ <i>Using Neutron Star Kick Velocities to Investigate Supernova Remnant Asymmetries</i> ”	
SNR Workshop at the Niels Bohr Institute, Copenhagen, Denmark.	2017
SNR Workshop at UC Santa Cruz, Talk	2017
“ <i>Comparing Neutron Star Kicks to Supernova Remnant Asymmetries</i> ”	
SACNAS National Conference, Poster Presentation	2016

Refereed Journal Publications

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4. **Holland-Ashford, T.**, Lopez, L. A., Auchettl, K., *Asymmetries of Heavy Elements in the Young Supernova Remnant Cassiopeia A*, 2020, ApJ, 889, 114H, arXiv: 1904.06357
 3. Stafford, J. N., Lopez, L. A., Auchettl, K., **Holland-Ashford, T.**, “*The Age Evolution of the Radio Morphology of Supernova Remnants*”, 2019, ApJ, 884, 113S, arXiv: 1808.08234
 2. Auchettl, K., Lopez, L. A., Badenes, C., Ramirez-Ruiz, E., Beacom, J. F., **Holland-Ashford, T.**, “*Measurement of the Core-collapse Progenitor Mass Distribution of the Small Magellanic Cloud*”, 2019, ApJ, 871, 64, arXiv: 1804.10210
 1. **Holland-Ashford, T.**, Lopez, L. A., Auchettl, K., Temim, T., Ramirez-Ruiz, E., “*Comparing Neutron Star Kicks to Supernova Remnant Asymmetries*”, 2017, ApJ, 844, 84, arXiv: 1705.08454