Biographical Sketch

a) Professional Preparation: Thomas Edward Harrison

South Dakota School of Mines and Technology	Rapid City	Physics	BS 1984
University of Minnesota	Minneapolis	Astrophysics	PhD 1989
Mt Stromlo Siding Springs Observatory	Australia	Stellar Astrop	1989-1992
New Mexico State University	Las Cruces	GRBs/Stars	1992-1996

b) Appointments

Current:	Observatory Scientist at New Mexico State University
09/96 to 08/02:	College Assistant Professor at New Mexico State University
10/92 to 08/96:	Postdoctoral Fellowship at New Mexico State University
10/89 to 10/92	Postdoctoral Fellowship, Mount Stromlo and Siding Springs Observatory
07/86 to 09/89:	Research Assistant, University of Minnesota
09/84 to 07/86:	Teaching Assistant, University of Minnesota

c) Publications

Harrison, T. E., & Marra, R. E. 2017, "Determinations of the $^{12}C/^{13}C$ Ratio for the Secondary Stars of AE Aquarii, RU Pegasi, and SS Cygni", ApJ, 843, 152

Harrison, T. E. 2016, "Abundance Derivations for the Secondary Stars in Cataclysmic Variables from Near-Infrared Spectroscopy", ApJ, 833, 14

Harrison, T. E. 2016, "Direct Detection of the L-Dwarf Donor in WZ Sagittae", ApJ, 816, 4

Harrison, T. E., & Hamilton, R. T. 2015, "Quantifying the Carbon Abundances in the Secondary Stars of SS Cygni, RU Pegasi, and GK Persei", AJ, 150, 142

Harrison, T. E., & Campbell, R. D. 2016, "The Apparent Synchronization of V1500 Cygni", MNRAS, 459, 4161

Harrison, T. E., & Campbell, R. D. 2015, "The *WISE* Light Curves of Polars", ApJS, 219, 32

Harrison, T. E. 2014, "The *WISE* Light Curves of Z Camelopardalis During Outburst: Evidence for Synchrotron Emission?", ApJ, 791, L18

Harrison, T. E., Bornak, J., McArthur, B. E., & Benedict, G. F. 2013, "*Hubble Space Telescope* Fine Guidance Sensor Parallaxes for Four Classical Novae", ApJ, 767, 7

Harrison, T. E., Hamilton, R. T., Tappert, C., Hoffman, D. I., & Campbell, R. K. 2013, "*Herschel* Observations of Cataclysmic Variables", AJ, 145, 19

Harrison, T. E., Gelino, D. M., Buxton, M., & Fost, T. 2014, "*Herschel* Observations of Circinus X-1 During Outburst and Quiescence", AJ, 148,1

d) Synergistic Activities

1) Supervisor of the Astronomy 105/110 Laboratory courses at NMSU (8/1/02 - present). Aid in teaching and preparation of labs, including advising/assisting the graduate TA's and developing new labs. Builds, maintains, and sets-up all experimental apparatuses.

2) Campus Observatory manager. Keeps observatory running for AST110 labs, and for public outreach. Schedules observatory open houses and participants.

3) Have taught a number of astronomy courses, including freshman Astronomy (105 and 110), and the courses "Revolutionary Ideas in Science" (Ast301), "History of Space Flight" (Ast308), and the graduate level "Observational Techniques II" (Ast536). The webpages for the latter continue to be used by observers worldwide who are reducing infrared data.

4) Have supervised nearly two dozen undergraduate students on various research projects over the years under previous NSF projects, or with funding from the Alliance for Minority Participation program, and/or NASA Space Grant.

5) Supervision of graduate students (those that attained degrees):

Dawn Gelino (PhD), defended 9/01, now at the NASA Exoplanet Science Institute
Ryan Campbell (PhD), defended 08/08, now at Humboldt State University
Ashley Ruiter (PhD), defended 08/09, now at MSSSO
Doug Hoffman (PhD), defended 12/09, now at NASA Ames
Leland Wehland, (MSc), defended 9/11, retired
Jillian Bornak (PhD), defended 08/12, now at the University of Toledo
Jeff Coughlin (PhD), defended 09/12, now at Kepler
Ryan Hamilton (PhD), defended 04/13, now at SOFIA
Nick Ule (PhD), defended 01/15, now at Santa Rosa Junior College

5) Chair of the American Astronomical Society Pierce & Warner prize selection committee