

CURRICULUM VITAE

Dennis Zaritsky

Steward Observatory
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Educational Background:

B.S. with Honor in Physics, Calif. Institute of Technology, 1986
Ph.D. in Astronomy, University of Arizona, 1991

Employment History:

Deputy Director, Steward Observatory, 2012–2022
Professor, Steward Observatory, 2002–Present
Associate Editor, Science Advances, 2014–2018
Associate Professor (with tenure), Steward Observatory, 1999–2002
Associate Professor (with tenure), UCO/Lick Observatory & Dept. of Astronomy
UC Santa Cruz, 1997–2000
Assistant Professor, UCO/Lick Observatory & Dept. of Astronomy UC Santa Cruz,
1994–1997
Hubble Fellow, Carnegie Observatories, 1991–1994

Awards & Distinctions:

Galileo Circle Fellowship, University of Arizona, 2017
John Simon Guggenheim Memorial Foundation Fellowship, 2006
American Astronomical Society's Newton Lacy Pierce Prize, 1999
NSF CAREER Program Award, 1998
Alfred P. Sloan Research Fellowship, 1998
David and Lucile Packard Fellowship for Science and Engineering, 1997
E.F. Fullam Award (Dudley Obs., New York) for Astron. & Astrophysics, 1993

Major Service Roles : Last 3 Years

LBT Corporation Board of Directors, 2020–Present
AAAS Section on Astronomy (Section D), Chair-Elect (2018), Chair (2019), Retiring-Chair (2020)
AURA-TIO-GMTO US ELT Working Group, 2018–Present
GMT Science Advisory Committee, Chair, 2018–Present

MMT Observatory Council, 2013 —Present

Magellan Observatory Instrumentation Council Subcommittee, Chair, 2012 — 2020

Magellan Observatory Council, 2005 — Present

Publication Statistics and Representative Publications in Different Topical Areas

305 Refereed Publications

total 28850 citations, h-index 87; (source Google Scholar, 3/28/22)

1. Velocities of Stars in Remote Galactic Satellites and the Mass of the Galaxy. 1989. Zaritsky, D., Olszewski, E. W., Schommer, R. A., Peterson, R. C., & Aaronson, M. ApJ, 345, 759
2. H II Regions and the Abundance Properties of Spiral Galaxies. 1994. Zaritsky, D., Kennicutt, R. C. Jr., & Huchra, J.P. ApJ, 420, 87
3. Preliminary Evidence for Dust in Galactic Halos. 1994. Zaritsky, D. AJ, 108, 1619
4. Nonaxisymmetric Structures in the Stellar Disks of Galaxies. 1995. Rix, H.-W., & Zaritsky, D. ApJ, 447, 82
5. The Great Circle Camera: A New Drift-Scanning Instrument. 1996. Zaritsky, D., Shectman, S.A., & Bredthauer, G., P. A.S.P., 108, 104
6. The Environment of E+A Galaxies. 1996. Zabludoff, A.I., Zaritsky, D., Lin, H., Tucker, D., Hashimoto, Y., Shectman, S.A., Oemler, A., & Kirshner, R.P. ApJ, 466, 104
7. The Fundamental Manifold of Spheroids 2006. Zaritsky, D., Gonzalez, A.H., & Zabludoff, A.I. ApJ, 638, 725
8. A Direct Empirical Proof of the Existence of Dark Matter 2006. Clowe, D., Bradac, M., Gonzalez, A.H., Markevitch, M., Randall, S., Jones, C., & Zaritsky, D. ApJL 648, 108
9. A Census of Baryons in Galaxy Clusters and Groups 2007. Gonzalez, A.H., Zaritsky, D. and Zabludoff, A. ApJ 666, 147
10. The Star Formation History of the Large Magellanic Cloud 2009, Harris, J. and Zaritsky, D. 138, 1243
11. Hydrogen Emission from the Ionized Gaseous Halos of Low Redshift Galaxies, 2017. Zhang, H., Zaritsky, D., et al., ApJ, 833, 276
12. Systematically Measuring Ultra Diffuse Galaxies (SMUDGes).I. Survey Description and First Results in the Coma Galaxy Cluster and Environs, 2019, Zaritsky, D., et al., ApJS, 240, 1
13. Discovery of Magellanic Stellar Debris in the H3 Survey 2020, Zaritsky, D., Conroy, C., et al.. ApJL, 905, 3