Dennis Zaritsky

Steward Observatory
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Email: dfz@arizona.edu

Educational Background:

B.S. with Honor in Physics, Calif. Institute of Technology, 1986
Ph.D. in Astronomy, University of Arizona, 1991
Dissertation Title: The Dynamics of Satellite Galaxies
Advisor: Prof. Simon D. M. White

Employment History:

Professor, Steward Observatory, 2002–Present
Deputy Director, Steward Observatory, 2023–Present
Woltjer Scientist & Adjunct Senior Research Scientist,
Columbia University (sabbatical appointment), 2022-2023
Deputy Director, Steward Observatory, 2012–2022
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:

American Astronomical Society's Beatrice M. Tinsley Prize, 2024
Elected, Fellow of the American Association for the Advancement of Science, 2022
Galileo Circle Fellow & Lifetime Member Galileo Circle, 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
Hubble Fellowship, 1991

Visitorships (Funded)

Invited Scientific Visitor, DARK Institute, Copenhagen, 6/19
Visiting Professor Universitè Claude Bernard Lyon 1, 06/16
Invited Scientific Visitor, KASI, Daejong, 06/15

Invited Scientific Visitor, MPIA, Heidelberg, 06/12
Invited Scientific Visitor, Cambridge University, 06/11
Invited Scientific Visitor, MPIA, Heidelberg, 06/10
Invited Scientific Visitor, Carnegie Observatories, 06/08-07/08
Distinguished Visiting Scientist, Spitzer Science Center, 05/08–06/08
New York University, Visiting Professor, 11/06–07/07
Visiting Associate, Carnegie Observatories, 1995–1999

Grants and Fellowships (* denotes D.Z. as PI; only listing those from which D.Z. has or will receive funding)

*NASA - ADAP, "Comparing Efficient vs. Inefficient Galaxies to Explore the Drivers of Galaxy Evolution" (10/22-9/24, $327,093)
NASA - Pioneers, "Aspera: Revealing the Diffuse Universe" (4/21-1/26, P.I. C. Vargas, $19,821,192)
*NSF-AST, "Extreme Galaxies: The Physical Nature of SMUDGes" (9/20-8/24, $387,694)
*HST-GO, "Does Globular Cluster Formation Precede Galaxy Formation?" (2/19-1/22, $96,801)
*NSF-AST, "The Purest Dark Matter Halos and the Processes of Galaxy Evolution", (8/17-8/20, $567,928)
*NSF-AST, "Testing Claims of Different Stellar Initial Mass Functions" (9/13-9/16, $318,997)
*HST-EO, "UA Sky Ambassador Program" (2/1/14-1/31/16, $60,000)
*HST-GO, "Galaxy Transformation in the Infall Regions of Clusters" (1/14-12/16; $141,072)
*HST-GO, "Direct Confirmation of Intracluster Stars as SN Ia Progenitors" (1/13-12/15; $71,050)
HST-GO, "Spatially Resolved Observations of Gas Stripping in Intermediate Redshift Clusters and Groups" (12/12-11/15; $18,427)
HST-GO, "Hubble Tarantula Treasury Project (HTTP: Unraveling Tarantula's Web" (12/12-11/15; $13,511)
*NASA-ADAP, "The Characterization of Galaxy Structure" (6/12-5/15; $303,945)
*NSF-AST, "The Outer Half of Disk Galaxies" (7/10-6/12; $262,150)
*GALEX-GO, "Legacy Observations of Distant Galaxy Clusters and Groups" (03/09-2/10; $36,000)
*GALEX-GO, "Galaxy Evolution in Progress" (07/08-6/09; $53,000)
*John Simon Guggenheim Fellowship (9/06-8/07; $38,000)
*HST-GO, "Novel Analysis of Stellar Populations and Constraints on Galaxy Evolution", ($40,293, 08/06-10/08)
XMM-GO, "The X-Ray Properties of Optically-Selected Clusters at $z > 0.6$", ($46,287 8/06-8/09 PI O. Johnson, US co-PI D. Zaritsky)
*XMM-GO, "Characterizing the X-Ray Properties of Galaxy Clusters at $0.7 < z < 0.8$", ($45,399, 7/06–7/09 PI D. Zaritsky)
Spitzer-GO, "Spitzer Survey of the Large Magellanic Cloud: Surveying the Agents of a Galaxy's Evolution (SAGE)" (PI M. Meixner, 2005-2010, $1.1M total, $8 K for this co-I)
*Spitzer-GO, "Exploring the Nature of Dust in the Extreme Outer Disks of Spiral Galaxies", (2005-2008, $39,450)
HST-GO, "Life Before the Fall: Morphological Evolution of Galaxies in Groups Prior to Cluster Assembly at z = 0.37" ($25,427, 2005-2006, PI A. Gonzalez, but funds going to this co-I)
*Spitzer-GO, "Exploring the Nature of Dust in the Outer Disks of Galaxies", (2004-2007, $63K)

*NASA-LTSA, "Testing a Basic Tenet of the Physics of Galaxy Formation: The Angular Momentum Distribution of Matter Beyond the Edge of Galactic Disks" (2005-2010, $598K)
*NSF-AST, "Quantifying the Laws of Star Formation on Galactic Scales", (2004-2008, $228 K)
*XMM-GO Grant, "Characterizing the X-Ray Properties of Galaxy Clusters at $0.7 < z < 0.8$", ($53,074, 03/01/04-0.2/28/05, PI D. Zaritsky)
*XMM-GO Grant, "Characterizing Galaxy Clusters at z $\sim$ 0.8", ($43,300, 08/15/03-08/14/04, PI D. Zaritsky)
*David and Lucile Packard Fellowship for Science and Engineering (9/98-9/06; $600,000)
*Alfred P. Sloan Fellowship (9/98 - 9/00; $35,000)
*NSF-CAREER Grant, "A Survey for High Redshift Galaxy: A Research and Education Resource" (2/98 - 1/03; $201,425)
*NSF-AST, "Reconstructing the Magellanic Clouds Star Formation History from a Digital UBVI Photometric Survey" (4/97-3/02; $235,000)
*HST-AR, "A Search for Extended Stellar Galactic Halos" (2/97 - 1/99; $43,924)
*HST-AR, "Lopsided Galaxy Disks and the Galaxy Accretion Rate" (3/96-2/97; $30,466)
*NASA-LTSA, "A Study of Dust In and Around Galaxies" (6/96-6/01; $235,000)
*California Space Institute Grant, "Distant Galaxy Clusters: A Study of Cosmology and Galaxy Evolution" (7/95-6/96; $27,966)
*Ernest F. Fullam Award, (1993; $10,000)
*Space Telescope Science Institute Hubble Fellowship (9/91-9/94)

Students and Post Doctoral Fellows Advised

Ph.D.:
Anthony Gonzalez (2001: UCSC, currently Prof. at U. Florida)
Jason Harris (2001: UCSC, currently in genetics industry)
Amy Nelson (2001: UCSC, currently in computer gaming industry)
Rose Finn (2002: Arizona, co-advised with Impey and McCarthy; currently Prof. at Siena College)
John Moustakas (2006: Arizona, co-advised with Kennicutt; currently Assoc. Prof. at Siena College & Chair of the Dept. of Physics and Astronomy)
Stephane Herbert-Fort (2011: Arizona, currently self-employed)
Dennis Just (2012: Arizona, currently Professor at Pima Community College & Chair of Physics Dept.)
Melissa Halford (2018: Arizona, currently faculty at Auburn University)
Jennnifer Kadowaki (2022: currently in data science industry)

Other Graduate Student Advisees: Stuart Norton (UCSC), Phil Choi (UCSC), Karen Knierman (Arizona), Jackie Monkiewicz (Arizona), Daniel Christlein (Arizona), Suresh Sivanandam (Arizona), Yujin Yang (Arizona), Stephanie Moats (Arizona), Huanian Zhang (Arizona), Matthew Kirby (Arizona), Donghyeon "Jeff" Khim (Arizona)

Undergraduate Research Advisees (who made significant research progress) : Vit Hradecky (CalTech: currently in finance industry), Andrew Hill (Arizona; unknown current location), Marc Rafelski (Arizona; currently research staff STScI), Lilli Christoph (Arizona; unknown current location), Agatha Anderson (Arizona; unknown current location); Yuen-Jin Kim (Arizona); currently in biostatistics); Michael Eskew (Arizona; currently in finance); Scott Adams (Arizona;

currently postdoc at Caltech); Felicia Werchan (Arizona; currently at Microsoft); Christen Jones (Arizona; currently at Raytheon); Liz Ivanov (Arizona; currently Raytheon), Erica Bosset (Arizona, currently Raytheon), Kelsey McCabe (Arizona, Microsoft), Steven Preston (Arizona, unknown current location), Joe Kelledy (Arizona, unknown current location), Kevin Zhu (Arizona: unknown current location), Ryan Carlson (Arizona: unknown current location), location), Andres Jaramillo (Arizona, unknown current location), Xingzhong Fan (Arizona, industry), Ryan Webster (Arizona; currently research scientist), Marco Barragan (Arizona: unknown current location), Micheal Klein (Arizona: unknown current location), Emery Gunselman (Arizona: unknown current location), Mika Lambert (Arizona; currently grad. student UCSC), Hina Goto (Arizona), Nick Sanders (Arizona; currently grad. student U. Ohio)

Postdocs Advised:

Dr. Eva Grebel (UCSC; currently faculty at U. Heidelberg)
Dr. Chip Kobulnicky (UCSC Hubble Fellow; currently faculty U. Wyoming)
Dr. Luc Simard (Arizona; currently Staff Astronomer at the DAO, TMT Instrument Program Lead)
Dr. Doug Clowe (Arizona; currently faculty at U. Ohio)
Dr. Andrew Dolphin (Arizona; currently at Raytheon)
Dr. David Sand (Arizona Chandra Fellow: currently faculty at UA)
Dr. Huanian Zhang (Arizona; currently faculty at Huazhong University of Science and Technology)
Dr. Carlos Barbosa(Sao Paolo; one year fellowship visit to UA; currently in industry)
Dr. Garreth Martin (Arizona; KASI-Arizona Fellow)

External Service (currently active in bold)

NASA Panel Reviewer, 2023
SOC member, EAS2024, "Unlocking the Secrets of Ultra Diffuse Galaxies: A Deeper Perspective"
External Ph.D. reader, Swinburne Univ. 2022
External Ph.D. reader, Leiden Univ. 2022
NSF Panel Reviewer, 2021
LBT Director search committee, 2021
US-ELT Data Reduction Advisory Group, 2021-2023
External Ph.D. Examiner, Sydney Institute for Astronomy, 2020
LBTC Board Member, 2020-Present
AAAS Section on Astronomy (Section D), Retiring Chair, 2020-2021
AAAS Electorate Nominating Committee (Section D), ex-officio, 2020-2021
AAAS Council, 2020-2021
NASA Hubble Fellowship Selection Panel member: 2000, 2015 & 2020
AAAS Program Proposal Reviewer, 2019
NASA ATP External Proposal Reviewer, 2019
STScI External Proposal Reviewer, 2019
SOC member, "Extragalactic Spectroscopic Surveys: Past, Present and Future of Galaxy Evolution", 2019-2021
AAAS Section on Astronomy (Section D), Chair, 2019-2020
External Ph.D. Examiner, University of Groningen, 2019

AAAS Section on Astronomy (Section D), Chair-Elect, 2018-2019
AURA/NCOA-TIO-GMTO US ELT Working Group, 2018-2023
GMT Instrument Policy Subcommittee, 2018-2023
GMT Science Advisory Committee, Chair, 3/2018-11/2023
Asclepias Editor Committee (on software referencing policy), 2017
SOC member, "Search for Dwarf Galaxy Companions of the Milky Way and Beyond", 2017
SOC member, "Galaxy Evolution Across Time", 2017
Interim Design Review Committee for DataLab, 2016
NASA Astrophysics Senior Review, 2016
Astrolabe Board, 2016-2018
External Ph.D. Examiner, Western Australia University, 2015
DESI Technical Document, Red Team Reviewer, 2015
Review Committee Panelist for NSF/NOAO PRP Committee, 2015
GMT Science Symposium SOC, 2015
Review Committee Panelist for NSF/Gemini, 2015
Columbia University, External Review Committee Panelist for Astronomy Department, 2015
Associate Editor *Science Advances*, 2014-2018
External Reviewer for NASA Postdoctoral applications 2014-Present
Member, MMT Observatory Council, 2013-Present, Chair 2002-2004
ESO Spectroscopic Survey Review Panel, 2013-2015
External Reviewer for NASA proposal review, 2013
SDSS-IV: MaNGA CDR Review Panelist, IPMU, 2013
LSST Outside Collaborator Proposal Review Panel, 2013
SOC Member, "Novel Probes of Gravity and Dark Energy Workshop", U. Penn, 2013
Chair, Magellan Instrumentation Council Subcommittee, 2012-2020
Chair, GMT Board Subcommittee for New Partner Development, 2011-2013
ESO Spectroscopic Survey Review Panel, 2011
NOAO External Reviewer of "BigBOSS" proposal, 2010
SOC Member, "Science with GMT", Korea, 2010
Giant Magellan Telescope Board Member, 2010-2012
STScI TAC member, 2010
Chair, STScI TAC Panel, 2010
Astro2010, Frontiers of Science Panel member, 2009-2010
Chair, NASA ADP Peer Review Panel, 2009
Member, AURA committee on the "Future of NOAO", 2008-2009
Magellan Observatory Council Secretary, 2009-2012
Giant Magellan Telescope Board Secretary, 2009-2010
Member, AURA Observatories Council, 2007-2013
Member, Annie Jump Cannon Award Prize Committee (AAS), 2006-2008 (Chair: 2008)
SOC Member, "Formation and Evolution of Galaxy Disks", 2007
Member, Hubble Space Telescope Time Allocation Panel, 2006
Member, Magellan Council, 2005 — 2020
Member, Texas Board Coordinating Review Committee for review of McDonald Observatory, 2004

Member of SWG for LSST, 2002-2004
SOC Member, "The Environment of Galaxies: from Kiloparsecs to Megaparsecs", Crete, 2004
SOC Co-Chair, Potsdam Conference on Local Group Science, 2003
SOC Member, Yale Workshop on Galaxy Halos, 2001
SOC Member, Aspen Summer Astrophysics Conference on Wide Field Telescopes, 2001
Member KPNO Time Allocation Committee, 2001
SOC Member, Tucson Workshop on Science with LSST, 2000
Member Hubble Space Telescope Time Allocation Panel, 1999
Peer Review Panel Member National Science Foundation, 1998
Member KPNO Time Allocation Committee, 1997-1999
Member, NOAO review *Supporting Capabilities for Large Telescopes*, 1997
Member, NASA Long-Term Space Astrophysics Grant Selection Panel, 1997
Chair of SOC and LOC for Santa Cruz Workshop on Galactic Halos, 1997
Member Hubble Space Telescope Time Allocation Panel, 1992

Departmental Service

Telescope Allocation Committee, 2021-2022
Prelimanary Exam Committee, 2021
Astrocharlas Organizing Committee, 2020-Present
Faculty Search Committee, 2019-2021
SOC co-Chair, "Inaugural Aaronson Symposium", 2019-2021
Promotion and Tenure Committee, Chair 2017-2019, Member 2020
Marc Aaronson Memorial Lecture, 30th Anniversary Celebration Committee, Chair 2016-2017
Committee on Status and Resource Allocation, 2016
LBT Instrument Policy Committee, 2014-2015
MMT Strategic Planning Committee (co-Chair: 2013-2014)
TAC Chair 2013-2017
LSST-Tucson Meeting Co-organizer 2013
Deputy Director, 2012-2022, 2023-Present
Small Telescope Steering Committee, Chair, 2012-2018
Observers' Lunch coordinator, 2012-2013, 2014-2015
Promotions and Tenure Committee, 2011-2013
Preliminary Exam Committee, 2010-2011
Faculty Search Committee, 2009-2012; Chair 2009-2010
Academic Program Review, Self-Study, 2008-2009; Chair
Director Scouting Committee, 2008-2009; advisor 2010-2011
Aaronson Award Selection Committee 2008-Present
Steward Internal Symposium Co-Organizer, 2008-2009
Telescope Allocation Committee, 2007-2010
Faculty Recruiting Committee, 2007-2008
Hiring Plan Committee, 2007-2008; Chair
Strategic Planning Committee, 2007-2008
Awards Committee, 2004-Present; Chair 2007-2008
Undergraduate Scholarship Selection Committee 2004-2010

Magellan Telescope Scheduler & Representative, 2001-2018
Steward Observatory Council, 2000-2012
Promotion and Tenure Committee, 2000–2002, 2003-2006; Chair 2005-2006
Faculty Recruiting and Search Committee 2001-2003; Chair 2005-2006
MMT Director Search Committee, 2003-2005; Chair 2004-2005
Steward Obs. Telescope Allocation Committee, 1999-2002; Chair 2001-2002
Preliminary Exam Committee :
at U. Arizona (oral exam) for Casey Meakin, Audrea Baleisis, Chien Peng, Andrea Leistra, Eric Mamajek, Melanie Freed, Kristian Finlator, Eric Nielsen, Kevin Flaherty, Stephane Herbert-Fort, Dennis Just, Kate Brutlag-Follette, Greg Walth, Kyle Penner Jennifer Kadowaki, Nicolas Garavito, Raga Pucha
at U. Arizona (written exam) for Jackie Monkiewicz
at UC Santa Cruz for Jeremy Heyl, Jennifer Johnson, Linda Schroder
Thesis Topic Defense (at UCSC) for Chris Churchill, Anthony Gonzalez (Chair), Jason Harris (Chair), Amy Nelson (Chair), Katherine Wu
Ph.D. Defense Committee:
at U. Arizona for Valentin Ivanov, Paul Harding, Joannah Hinz, Rose Finn, Li Bai, John Moustakas, Richard Cool, Kristian Finlator, Jonathan Trump, Stephanie Juneau, Alan Cooney, Dennis Just, Krystal Tyler, Jared Males, Greg Walth, Michelle Wilson, Ya-Lin Wu, Melissa Halford, Ekta Patel
at UC Santa Cruz for Anthony Gonzalez, Jason Harris, Amy Nelson, Ian Walker
Undergraduate Advisor (1999–2011)
Curriculum Committee (1998; at UCSC)
Colloquium Committee Chair (1995-1998; at UCSC)

University Service

Arizona Assurance Mentor (2009-2011)

Teaching

ASTR 320: Observational Astronomy, UA, Fall 2023 (19 enrolled)
ASTR 540: Galaxies, UA, Fall 2021 (13 enrolled)
ASTR 540: Galaxies, UA, Fall 2020 (11 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2018 (21 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2017 (18 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2016 (8 enrolled)
ASTR 205: Introduction to Astronomy (for majors), UA, Fall 2014 (13 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2013 (20 enrolled)
ASTR 540: Galaxies, UA, Fall 2012 (14 enrolled)
ASTR 302: Observational Astronomy, UA, Sprint 2012 (16 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2011 (11 enrolled)
ASTR 540: Galaxies, UA, Fall 2011 (15 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2010 (24 enrolled)
ASTR 302: Observational Astronomy, UA, Spring 2009 (25 enrolled)
ASTR 540: Galaxies, UA, Fall 2008 (18 enrolled)

ASTR 250: Introduction to Astronomy (for majors), UA, Spring 2008 (49 enrolled)
ASTR 302; Observational Astronomy, UA, Spring 2006 (18 enrolled)
ASTR 302; Observational Astronomy, UA, Spring 2005 (26 enrolled)
ASTR 540; Galaxies, UA, Fall 2004 (18 enrolled)
ASTR 302; Observational Astronomy, UA, Spring 2004 (32 enrolled)
ASTR 302; Observational Astronomy, UA, Spring 2003 (28 enrolled)
ASTR 302; Observational Astronomy, UA, Spring 2002 (26 enrolled)
ASTR 540; Galaxies, UA, Fall 2002 (19 enrolled)
NATS 102; The Physical Universe, UA, Spring 2001 (145 enrolled)
ASTR 540; Galaxies, UA, Fall 2000 (14 enrolled),
NATS 102; The Physical Universe, UA, Spring 2000 (98 enrolled)
Observational Astronomy (undergraduate course), UCSC 1997 and 1998
Galaxies and Cosmology (undergraduate course), UCSC 1995 and 1996

Departmental Invited Talks

Columbia University ("Examining SMUDGes : on the nature of ultra-diffuse galaxies"): 2023
Universidad de Concepción, Chile ("Examining SMUDGes : on the nature of ultra-diffuse galaxies"): 2023
MIT ("Tracing the Dominant Baryonic Component of Galaxies"): 2022
IPMU, Tokyo, Japan ("What Can We Learn From SMUDGes?"): 2020
University of Groningen ("Insights from Low Surface Brightness Imaging and Spectroscopy"): 2019
University of Kentucky ("On the Trail of the Purest Dark Matter Halos"): 2017
Université Claude Bernard Lyon 1("On the Trail of the Smallest Dark Matter Subhalos") : 2016
Carnegie Observatories("A Quest for Precise Baryon Budgets"): 2015
University of Groningen ("A Variable Stellar Initial Mass Function?"): 2015
KASI ("A Variable Stellar Initial Mass Function?"): 2015
Seoul National University ("A Variable Stellar Initial Mass Function?"): 2015
University of Toronto ("Can We Trust Galaxy Stellar Mass Estimates?"): 2014
Columbia University ("The Stellar Initial Mass Functions"): 2014
Rutgers University ("Our Developing Understanding of the Stellar Initial Mass Function"): 2014
U. Penn ("Our Developing Understanding of the Stellar Initial Mass Function"): 2014
Vanderbilt University ("Faint Matter in Galaxies"): 2013
NYU ("Our Developing Understanding of the Stellar Initial Mass Function"): 2013
Siena College ("Dark Matters"): 2013
University of Virginia ("Our Developing Understanding of the Stellar Initial Mass Function"): 2013
Swinburne ("What's Up With the Stellar Initial Mass Function?"): 2012
IRCAR ("What's Up With the Stellar Initial Mass Function?"): 2012
ANU ("What's Up With the Stellar Initial Mass Function?"): 2012
MPIA ("What's Up With the Stellar Initial Mass Function?"): 2012
IoA, Cambridge University ("Unexpected Order in Galactic Structure"): 2011
New Mexico State University ("Galactic Structure"): 2011
University of Chicago ("Galactic Structure"): 2011
Univ. of California at Berkeley ("A Different Perspective on Galactic Structure"): 2010

Texas A&M University ("A Different Perspective on Galactic Structure"): 2010
University of Zurich ("A Different Perspective on Galactic Structure"): 2010
Max Planck Institute for Astronomy ("A Different Perspective on Galactic Structure"): 2010
Univ. of California at San Diego, ("Galactic Structure"): 2009
Kavli Institute of Theoretical Physics (UCSB), ("Organizing Galaxies") : 2008
University of Arizona, ("Simplifying Galactic Structure"): 2008
Carnegie Observatories, ("Simplifying Galaxy Evolution"): 2008
Spitzer Science Center, ("Simplifying Galaxy Evolution"): 2008
Ohio St. University, ("A New Twist on Galaxy Scaling Relations"): 2007
Univ. of Florida, ("A New Twist on Galaxy Evolution"): 2007
New York University, ("Going On and On, On Galaxy Disks Going On and On"): 2007
Columbia University, ("How Big are Galaxies?"): 2007
Univ. of Massachusetts, ("A New Twist on Galaxy Scaling Relations"): 2007
University of Calif. San Diego, ("Direct Empirical Evidence for Dark Matter"): 2006
Kapteyn Institute, Groningen University ("New Results on Intracluster Light"): 2005
University of Texas at Austin ("The Evolution of the Magellanic Clouds"): 2004
Space Telescope Science Institute ("A Detailed View of Galaxy Evolution"): 2003
Arizona State University ("The Star Formation History of Our Nearest Galactic Neighbors") : 2002

pre-2002

Carnegie Observatories, Columbia University, ESO/Munich/MPA, Harvard University, Indiana University, MIT, New Mexico St. University, NOAO/University of Arizona, Penn State University, Stanford University, University of British Columbia, University of California San Diego, University of California Santa Barbara, University of California Los Angeles, University of California Berkeley, University of Florida, University of Hawaii, University nof Massachusetts at Amherst, University of Santa Cruz, University of Toronto, University of Washington

Invited Talks at International Meetings

July 2019: Invited Review for IAU 355: "The Realm of the Low Surface Brightness Universe"
March 2019: Panelist on Closing Section for the conference, "Dusting the Universe"
April 2018: Shedding Light on the Dark Universe with Extremely Large Telescopes, Westwood, CA
Dec 2017: Co-Summary Speaker/Discussion Leader, Near-Far Workshop: Globular Clusters, Napa, CA
Nov. 2017: Galaxy Groups and Clusters II, La Serena, Chile
Sept. 2012: Workshop on the Magellanic Clouds, Perth, AUS
May 2011: American Physics Society, Anaheim, CA
May 2011: A Decade of Exploration with the Magellan Telescopes, Pasadena, CA
Oct. 2010: Science with GMT, Seoul Korea
May 2009: Sunyaev-Zeldovich Universe and the Future of Cluster Cosmology in Waterloo, Canada
Feb 2009: Napa Valley 2009 Galaxy Formation and Evolution Workshop
Oct. 2007: Formation and Evolution of Galaxy Disks ("Some Comments About Galaxies"), in Rome, Italy
Oct. 2006: Lensing Kavli meeting ("Baryons...") in Santa Barbara

Oct. 2005: Outer Edges of Disk Galaxies: A Truncated Perspective ("Deep Spectroscopic Studies of the Outer Gaseous Disks") in Leiden, the Netherlands

July 2005: Island Universes ("The Outer Banks of Galaxy Disks") in Terschelling, the Netherlands

June 2005: The Origin of the Hubble Sequence ("The Largest Galaxies") in Vulcano Island, Italy

July 2003: Star and Structure Formation: From First Light to the Milky Way ("A Case Study of Galaxy Evolution in a Locally Dense Environment") in Zurich, Switzerland

June 2003: The Local Group as a Cosmological Training Sample ("Concluding Remarks") in Potsdam, Germany

August 2001: AMIBA 2001 ("The Las Campanas Distant Cluster Survey") in Taipei, Taiwan

March 2000: The 2000 CTIO/ESO/LCO Joint Workshop: Stars, Gas, and Dust in Galaxies: Exploring the Links ("The Mass and Energy Budgets of Galaxies"), at La Serena, Chile

Aug. 1998: The Third Stromlo Symposium: The Galactic Halo ("The Mass and Extent of the Galactic Halo") at Canberra, Australia

Aug. 1997 Kyoto IAU Meeting ("Lopsidedness and the Satellite Accretion Rate")

Jan. 1994: The Local Group: Comparative and Global Properties ("Local Group Dynamics") at La Serena, Chile

Refereed Publications

$*$ indicates work with first author student or postdoc directly under DZ's supervision, † indicates $\geq$ 100 citations)

1. †Evidence for Nonaxisymmetric Nuclear Bulges in Spiral Galaxies. 1986. Zaritsky, D. & Lo, K-Y. ApJ, 302, 67
2. Polarized CCD Imaging of the Horsehead Nebula (B33) and Monoceros R2. 1987. Zaritsky, D., Shaya, E. J., Scoville, N. Z., Sargent, A. I., & Tytler, D. A., AJ, 95, 1515
3. Simulations of Sinking Satellites Revisited. 1988. Zaritsky, D.& White, S. D. M., M.N.R.A.S., 235, 289
4. †Kinematics and Composition of H II Regions in Spiral Galaxies. I. M33. 1989. Zaritsky, D., Elston, R., & Hill, J. M., AJ, 97, 97
5. †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
6. The Kinematics and Composition of H II Regions in Spiral Galaxies. II. M51, M101, and NGC 2403. 1990. Zaritsky, D., Elston, R., & Hill, J. M. AJ, 99, 1108
7. The Radial Distribution of Oxygen in Disk Galaxies. 1992. Zaritsky, D. ApJ (Letters), 390, L73
8. †Models for Galaxy Halos in an Open Universe. 1992. White, S.D.M., & Zaritsky, D. ApJ, 394, 1
9. The Asymmetric Distribution of Satellite Galaxy Velocities. 1992. Zaritsky, D. ApJ (Letters), 400, L74
10. †Satellites of Spiral Galaxies. 1993. Zaritsky, D., Smith, R., Frenk, C. S., & White, S. D. M. ApJ, 405, 464
11. Inner Spiral Structure of the Galaxy M51. 1993. Zaritsky, D., Rix, H.-W., Rieke, M., Nature, 364, 313
12. †H II Regions and the Abundance Properties of Spiral Galaxies. 1994. Zaritsky, D., Kennicutt, R. C. Jr., & Huchra, J.P. ApJ, 420, 87
13. The Distribution of Satellite Galaxies. 1994. Lorrimer, S.J., Frenk, C.S., Smith, R.M., White, S.D.M., & Zaritsky, D. M.N.R.A.S., 269, 969
14. †The Massive Halos of Spiral Galaxies. 1994. Zaritsky, D., & White, S. D. M., ApJ, 435, 599
15. †Preliminary Evidence for Dust in Galactic Halos. 1994. Zaritsky, D. AJ, 108, 1619
16. Evidence For Recent Accretion in Nearby Galaxies. 1995. Zaritsky, D. ApJ (Letters), 448, L17
17. Spectral Classification of Galaxies Along the Hubble Sequence. 1995. Zaritsky, D., Zabludoff, A.I., & Willick, J., AJ, 110, 1602

18. †A Collision of Subclusters in Abell 754. 1995. Zabludoff, A.I., & Zaritsky, D., ApJ (Letters), 447, L21

19. †Nonaxisymmetric Structures in the Stellar Disks of Galaxies. 1995. Rix, H.-W., & Zaritsky, D. ApJ, 447, 82

20. The Great Circle Camera: A New Drift-Scanning Instrument. 1996. Zaritsky, D., Shectman, S.A., & Bredthauer, G., P. A.S.P., 108, 104

21. †The Formation of Dwarf Galaxies in Tidal Debris: A Study of the Compact Group Environment. 1996. Hunsberger, S., Charlton, J.C., & Zaritsky, D. ApJ, 462, 50

22. †Chemical Abundances in Virgo Spiral Galaxies. II. Effects of Cluster Environment. 1996. Skillman, E.D., Kennicutt, R.C., Shields, G.A., & Zaritsky, D. ApJ, 462, 147

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