

## Aaron J. Romanowsky

Curriculum Vitae (Rev. 2 January 2025)

### Contact information:

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**Main research interests:** galaxy formation and dynamics – dark matter – star clusters

### Education:

Ph.D. Astronomy, Harvard University Nov. 1999  
*supervisor: Christopher Kochanek, "The Structure and Dynamics of Galaxies"*

M.A. Astronomy, Harvard University June 1996

B.S. Physics with High Honors, June 1994  
College of Creative Studies, University of California, Santa Barbara

### Employment:

Professor, Department of Physics & Astronomy, Aug. 2020 – present  
San José State University

Associate Professor, Department of Physics & Astronomy, Aug. 2016 – Aug. 2020  
San José State University

Assistant Professor, Department of Physics & Astronomy, Aug. 2012 – Aug. 2016  
San José State University

Adjunct Professor, Department of Astronomy and Astrophysics, Dec. 2021 – present  
University of California, Santa Cruz

Research Associate, University of California Observatories, Santa Cruz Oct. 2012 – Nov. 2021

Associate Specialist, University of California Observatories, Santa Cruz July 2007 – Sep. 2012

Researcher in Astronomy, Department of Physics, Oct. 2004 – June 2007  
University of Concepción

Visiting Adjunct Professor, Faculty of Astronomical and May 2005  
Geophysical Sciences, National University of La Plata

Postdoctoral Research Fellow, School of Physics and Astronomy, June 2002 – Oct. 2004  
University of Nottingham

Postdoctoral Fellow, Kapteyn Astronomical Institute, Rijksuniversiteit Groningen	Oct. 1999 – May 2002
Research Fellow, Harvard-Smithsonian Center for Astrophysics	June 1994 – Oct. 1999
Teaching Fellow, Core Program, Harvard College, ("Origins and Aliens", Owen Gingerich & Dave Latham)	Jan. – June 1998
Teaching Fellow, Core Program, Harvard College, ("Matter in the Universe", Bob Kirshner)	Jan. – June 1996
Teaching Fellow, Astronomy Dept., Harvard University, ("Radiative Processes in Astrophysics", George Rybicki)	Sep. 1995 – Jan. 1996
Teaching Fellow, Core Program, Harvard College, ("Matter in the Universe", Bob Kirshner)	Jan. – June 1995
National Undergraduate Research Fellow in Plasma Physics, and Fusion Engineering, University of California, Los Angeles, (Ultrashort Pulse Reflectometer for Tokamak Diagnostics)	June – Aug. 1993
Summer Undergraduate Research Fellow, University of California, Santa Barbara (Remote Access Astronomy Project; South Pole Cosmology Experiment)	June – Aug. 1992

#### **Awards and special achievements:**

San José State University President's Scholar Award, 2022–2023  
 Early promotion to full professor, San José State University, 2020  
 Research Corporation for Science Advancement Cottrell Scholar Award, 2016  
 Two-year early tenure and promotion to associate professor, San José State University, 2016  
 San José State University Early Career Investigator Award, 2015  
 Harvard University Certificate of Distinction in Teaching, 1996  
 National Science Foundation Graduate Fellowship, Honorable Mention, 1994  
 University of California Regents Scholarship, 1990–1994  
 National Merit Scholarship, 1990–1991

#### **Grants awarded** (\$8,247,134 total) :

National Science Foundation, Astronomy & Astrophysics Research Grant AST-2308390, "*RUI: Unlocking the Origins of Ultra-Diffuse Galaxies*," 2023–2026, \$378,953 total  
**(PI: A. Romanowsky)**

National Science Foundation, Scholarships in Science, Technology, Engineering, and Mathematics Program Grant, DUE-1741862, "*Collaborative Research: A Bridge to Physics and Astronomy Doctorates for Students with Financial Need*," 2018–2024, \$4,991,722 total, \$471,343 SJSU **(PI: A. Romanowsky)**

National Aeronautics and Space Administration Exoplanet Science Institute Keck Principal Investigator Data Award, RSA 1712305, "*A critical test for dark matter in dwarf galaxies of the NGC 1052 group*," 2024–2025, \$16,300 **(PI: A. Romanowsky)**

Space Telescope Science Institute, HST-GO-17149.001-A, "*Characterizing the Unusual Star Cluster Population in a Candidate Dark Matter Free Galaxy*," 2023–2025, \$41,435 **(PI: A. Romanowsky)**

- National Aeronautics and Space Administration Exoplanet Science Institute Keck Principal Investigator Data Award, RSA 1690184, “*Unravelling the Origins of Cluster Ultra-Diffuse Galaxies*,” 2022–2024, \$14,850 (**PI: A. Romanowsky**)
- Space Telescope Science Institute, HST-GO-16912.004-A, “*A Trail of Dark Matter-Free Galaxies in the NGC1052 Group*,” 2022–2025, \$39,502 (co-PI)
- National Aeronautics and Space Administration Exoplanet Science Institute Keck Principal Investigator Data Award, RSA 1672989, “*New Tests of Failed Galaxy Formation and Fuzzy Dark Matter: Kinematics, Mass, and Stellar Populations in Mega-Dwarfs*”, 2021–2023, \$17,000 (**PI: A. Romanowsky**)
- National Aeronautics and Space Administration Exoplanet Science Institute Keck Principal Investigator Data Award, RSA 1666003, “*The Stellar Population Gradients of Ultra-diffuse Galaxies*”, 2021–2023, \$12,650 (**PI: A. Romanowsky**)
- Space Telescope Science Institute, HST-GO-16459.002-A, “*The color-magnitude diagram of an extremely metal-poor globular cluster*”, 2021–2024, \$51,730 (co-PI)
- National Aeronautics and Space Administration Exoplanet Science Institute Keck Principal Investigator Data Award, RSA 1621078, “*Dark Matter and Stellar Populations in a Benchmark Ultra-diffuse Galaxy*”, 2019–2021, \$14,000 (**PI: A. Romanowsky**)
- Research Corporation for Science Advancement, “*Seeding Inclusive Local Networks for Domain-specific Research and Teaching*”, 2018–2020, \$6,000 (**co-PI: A. Romanowsky**)
- National Aeronautics and Space Administration Exoplanet Science Institute Keck Principal Investigator Data Award, RSA 1597310, “*Testing for Extreme Stellar Populations in an Ultra-Diffuse Galaxy*”, 2018–2020, \$13,750 (**PI: A. Romanowsky**)
- Space Telescope Science Institute, HST-GO-15235.002-A, “*The Perseus Cluster: Bridging the Extremes of Stellar Systems*”, 2017–2021, \$92,975 total, \$66,182 SJSU (co-PI)
- Space Telescope Science Institute, HST-GO-14748.001-A, “*A Close-up View of the Star Formation History of a Young Ultracompact Dwarf*”, 2017–2021, \$53,108 (**PI: A. Romanowsky**)
- Space Telescope Science Institute, HST-GO-14846.001-A, “*Ultra-diffuse galaxies in clusters and the field: masses and stellar populations*”, 2017–2021, \$49,207 (**PI: A. Romanowsky**)
- National Science Foundation, Astronomy & Astrophysics Research Grant AST-1616710, “*Collaborative Research: Chemodynamics and Dark Matter in Galaxy Halos from Giants to Dwarfs*”, 2016–2021, \$475,119 total, \$102,655 SJSU (**PI: A. Romanowsky**)
- Research Corporation for Science Advancement, Cottrell Scholar Award, “*The Nature and Nurture of Galaxies: Dynamics, Dark Matter, and Data Mining*”, 2016–2021, \$100,000 (**PI: A. Romanowsky**)
- National Science Foundation, Astronomy & Astrophysics Research Grant AST-1515084, “*Collaborative Research: Rethinking the Fundamentals of Massive Star Clusters*”, 2015–2019, \$497,849 total, \$40,718 SJSU (**PI: A. Romanowsky**)
- National Science Foundation, Major Research Instrumentation Grant MRI-1626645, “*MRI: Acquisition of Hybrid CPU/GPU High Performance Computing and Storage for STEM Research and Education at San Jose State University*”, 2016–2020, \$900,798 (co-PI)

- San José State University, 2024–2025 Research and Innovation Student RSCA Fellowship Award, “*New search for dark matter free dwarf galaxies using Legacy imaging*,” 2024–25, \$3000
- San José State University, 2023 Research and Innovation Student RSCA Fellowship Award, “*Surveying the dwarf galaxies of the Perseus cluster*,” 2023–24, \$3000
- San José State University, 2023 Research and Innovation Student RSCA Fellowship Award, “*Confirming the detection of cold gas in dwarf galaxy, R-127-1*,” 2023–24, \$3000
- San José State University, 2023 Student RSCA Assistantship Program Award 23-SRA-08-051, 2023, \$3000
- San José State University, Research and Innovation Student RSCA Fellowship, “*Search for no dark matter galaxies*”, 2022–2023, \$3500
- San José State University, Research and Innovation Student RSCA Fellowship, “*Dark matter halos in ultra diffuse galaxies from galaxy group NGC 1407*”, 2022–2023, \$3500
- San José State University, Student RSCA Grant Initiative, “*A survey of compact galaxies in the nearby universe*”, 2021–2022, \$3500
- San José State University, Undergraduate Research Grant, “*Optical Image Analysis of Gas-Rich Ultra-Diffuse Galaxies*”, 2019–2020, \$1000
- San José State University, Undergraduate Research Grant, “*Compact Stellar Systems around a Dwarf Spiral Galaxy*”, 2019–2020, \$1000
- San José State University, Assigned Time for Exceptional Levels of Service to Students, “*Expanded Opportunities for Students in Physics, Astronomy, and Beyond*”, Spring 2020, 20% release time
- San José State University, Undergraduate Research Grant, “*Fitting of Light Profiles of Ultra-Diffuse Galaxies Using GALFIT*”, 2018–2019, \$1000
- San José State University, Undergraduate Research Grant, “*Categorization of Galaxies Using Machine Learning*”, 2018–2019, \$1000
- San José State University, Undergraduate Research Grant, “*An Archival Analysis of Supermassive Black Holes in Ultra-compact Dwarfs*”, 2017–2018, \$1000
- San José State University, Assigned Time for Exceptional Levels of Service to Students, “*Career Preparation for Physics and Astronomy Students*”, Spring 2019, 20% release time
- San José State University, Assigned Time for Exceptional Levels of Service to Students, “*Expanding and Diversifying the Physics and Astronomy Program at SJSU*”, Spring 2018, 20% release time
- San José State University, Faculty Diversity Development Research, Scholarship and Creative Activities Award, “*Pilot Program for Cal-Bridge: A California Bridge to Physics & Astronomy PhDs for Underrepresented Students*”, Fall 2017, 20% release time
- San José State University, Assigned Time for Exceptional Levels of Service to Students, “*New Student Opportunities through Computational Physics and Astronomy*”, Fall 2016, 20% release time
- San José State University, Research, Scholarship & Creative Activity award, “*Solving the Mysteries of the Ultra-Diffuse Galaxies*”, Fall 2016, 20% release time

San José State University, Undergraduate Research Grant, “*Searching for Supermassive Black Holes in Ultra-compact Galaxies*”, 2016–2017, \$1000

San José State University, Undergraduate Research Grant, “*The Search for Active Galactic Nuclei in Compact Stellar Systems*”, 2016–2017, \$1000

San José State University, Assigned Time for Exceptional Levels of Service to Students, “*Engaging Students through Professional Practices*”, Spring 2016, 20% release time

San José State University, Research, Scholarship & Creative Activity award, “*Dark Matter, Dynamics, and Galaxy Formation*”, Fall 2015, 20% release time

San José State University, Sybil Weir/John Galm Endowment Award, “*Data Mining for Supermassive Black Holes and Ultracompact Galaxies*”, 2015, \$2,500

San José State University, Undergraduate Research Grant, “*Photometric Transitions in the Outer Regions of Early-type Galaxies*”, 2014–2015, \$996

San José State University, Undergraduate Research Grant, “*Exotic Stellar Systems in the Nearby Universe*”, 2014–2015, \$996

San José State University, Research, Scholarship & Creative Activity award, “*Dynamics and Dark Matter in Giant Elliptical Galaxies*”, Fall 2014, 20% release time

San José State University, Undergraduate Research Grant, “*Distributions of Stellar Light, Mass, and Dark Matter in Nearby Galaxies*”, 2013–2014, \$1,000

San José State University, Undergraduate Research Grant, “*A Systematic Search for Ultra-compact Dwarfs*”, 2013–2014, \$1,000

San José State University, Research, Scholarship & Creative Activity award, “*From Supermassive Black Hole to Dark Matter Halo: Dynamical Modeling of a Benchmark Galaxy*”, Spring 2014, \$2,000 + 20% release time

National Science Foundation, Astronomy & Astrophysics Research Grant AST-0909237, “*Probing the Fundamental Halo Properties of Early-type Galaxies Using a New Technique for Wide-field Stellar Kinematics*”, 2009–2013, \$354,987 (PI: **A. Romanowsky**)

FONDECYT Regular Project 1070687, National Commission of Scientific and Technological Research (CONICYT, Chile), “*Dark Matter and Dynamics in Elliptical Galaxy Halos: Critical Calibrations with Combined Constraints*”, 2007–2011, CLP \$ 61.332.000 (USD \$ 114,000 – declined) (PI: **A. Romanowsky**)

### **Courses taught:**

PHYS 52L, General Physics III: Waves, Light, Heat (Lab), San José State University, two sections, Jan.–May 2023

ASTR 155, Topics in Modern Astronomy and Astrophysics, San José State University, four semesters (Jan.–May 2013; Aug.–Dec. 2014; Jan.–May 2016; Jan.–May 2019)

PHYS 40, Introduction to Computational Physics, San José State University, three semesters, Aug.–Dec. 2015, Aug.–Dec. 2016, Aug.–Dec. 2017

PHYS 255, Advanced Physics: Data Science Skills in Astronomy and Physics, San José State University, three semesters, Jan.–May 2017, Jan.–May 2020, Jan.–May 2022

ASTR 117B, Astrophysics II, San José State University, two semesters, Jan.–May 2014, Aug.–Dec. 2015

PHYS 140, Computational Methods in Physics (seminar + lab), San José State University, two semesters (Aug.–Dec. 2013; Aug.–Dec. 2012)

PHYS 180, Individual Studies, San José State University, five students (Jan.–May 2013, Jan.–May 2014, Jan.–May 2015, Aug.–Dec. 2015)

PHYS 240, Computational Physics, San José State University, two semesters (Jan.–May 2013, Jan.–May 2015, Jan.–May 2021)

PHYS 285, Seminar, San José State University, Aug.–Dec 2012

PHYS 298, Research, San José State University, four students (Jan.–May 2013, Jun.–Aug 2013, Aug.–Dec 2014, Jan.–May 2015)

PHYS 50L, General Physics I: Mechanics (Lab), San José State University, Jan.–May 2016

### **Student supervision** (partial listing) :

Supervisor, undergraduate research, Searching a catalog of nearby dwarf galaxies, San José State University, 2024

Supervisor, undergraduate research, A novel catalog of dwarf elliptical galaxies, San José State University, 2024

Supervisor, Yashraj Bains, undergraduate research, New search for dark matter free dwarf galaxies using Legacy imaging, San José State University, 2023–24

Supervisor, Lailani Kenoly, undergraduate research, Using DESI spectra to understand ultra-diffuse galaxies in the Coma cluster, San José State University, 2023–24

Supervisor, undergraduate research, Dwarf galaxies and globular clusters in *Hubble Space Telescope* imaging, San José State University, 2023–24

Supervisor, Logan O'Brien, masters research, Detection of a high globular cluster to host galaxy luminosity ratio galaxy in the NGC 1407 group, San José State University, 2023–24

Supervisor, undergraduate research, Galaxy photometry, San José State University, 2023

Supervisor, undergraduate research, Searching for runaway supermassive black holes, San José State University, 2023

Supervisor, undergraduate research, Searching for tidally disrupting low dark matter galaxies, San José State University, 2022–23

Supervisor, masters research, Galaxy classification in the Perseus cluster with a convolutional neural network, San José State University, 2022–24

Supervisor, Alexi Musick, masters research, Reevaluating the globular cluster population in the ultra-diffuse galaxies of the Perseus cluster through novel techniques, San José State University, 2022–24

Supervisor, Xavier Mendoza, masters research, Radio and Hubble Space Telescope observations of a candidate isolated gas-poor dwarf galaxy, San José State University, 2022–24

Supervisor (unofficial), Yimeng Tang, Ph.D. work, Stellar populations and globular clusters in dwarf galaxies, University of California Santa Cruz, 2022–24

Supervisor, undergraduate research, Searching for metal-poor star clusters in the Andromeda Galaxy, Gavilan College and San José State University, 2022–23

Supervisor, masters research, A search for compact galaxies in the nearby universe, San José State University, 2021–23

Supervisor, undergraduate research, Archival imaging of ultra-diffuse galaxies, San José State University, 2021–22

Supervisor, undergraduate research, Archival imaging of low surface brightness galaxies, San José State University, 2021–23

- Supervisor, masters research, Archival imaging of low surface brightness galaxies, San José State University, 2020–22
- Supervisor, masters research, Machine learning analysis of blazars, San José State University, 2020–21
- Supervisor, masters research, Machine learning analysis of low surface brightness galaxies, San José State University, 2021
- Supervisor, masters research, Stellar stream and black hole interactions, San José State University, 2020–21
- Supervisor, undergraduate research, Emission-line spectroscopy of ultra-diffuse galaxies, San José State University, 2020
- Supervisor, Andrea Cajucom, undergraduate research, Optical imaging of ultra-diffuse galaxies, San José State University, 2019–2021
- Supervisor, Bitha Salimkumar, Masters thesis, Dark Matter Classification in Simulated Galaxies Using Machine Learning, San José State University, 2017–2020
- Supervisor, Jacob Day, undergraduate research, Compact stellar systems around a dwarf spiral galaxy, San José State University, 2019–2020
- Supervisor, Stephanie Striegel, undergraduate research, Searching for nearby ultracompact dwarfs, San José State University, 2016–2017
- Supervisor (unofficial), Asher Wasserman, Ph.D. work, Dynamical models of elliptical and ultra-diffuse galaxies, University of California Santa Cruz, 2015–2019
- Supervisor (unofficial), Viraj Pandya, Ph.D. work, Stellar populations of ultra-diffuse galaxies, University of California Santa Cruz, 2016–2017
- Supervisor, undergraduate research, Galaxy classification by machine learning, San José State University, 2018–2019
- Supervisor, masters research, Galaxy classification by machine learning, San José State University, 2017
- Supervisor, Jean Donet, undergraduate research, Photometric modeling of ultra-diffuse galaxies and galaxy classification by machine learning, San José State University, 2017–2019
- Supervisor, Enrique Cabrera, undergraduate research, Multi-band imaging of young ultra-diffuse galaxies, San José State University, 2017–2019
- Supervisor, Maria Stone, Masters thesis, Comparative study of broadband photometry relations for ultra-diffuse and normal galaxies in the Coma cluster, San José State University, 2016–2017
- Supervisor (unofficial), Zachary Jennings, PhD thesis, The photometric properties of extragalactic globular cluster systems, University of California Santa Cruz, 2013–2017
- Supervisor, Alex Colebaugh, undergraduate research, Searching for nearby compact elliptical galaxies, San José State University, 2016–2017
- Supervisor, Christopher Dixon, undergraduate research, All-sky survey for compact elliptical galaxies, San José State University, 2015–2017
- Supervisor, undergraduate research, Size analysis of compact elliptical galaxies, San José State University, 2016–2017
- Supervisor, Devin Cunningham, undergraduate research, X-ray properties of ultracompact dwarfs, San José State University, 2015–2017
- Supervisor, master research, Compact elliptical galaxies in the Illustris simulation, San José State University, 2015–2016
- Supervisor, undergraduate senior thesis, globular clusters in ultra-diffuse galaxies, University of California Santa Cruz, 2016

- Supervisor, National Science Foundation Research Experience for Undergraduates project, A catalog of nearby dwarf galaxies, University of California Santa Cruz, 2015–2016
- Supervisor, National Science Foundation Research Experience for Undergraduates project, Dark matter scaling relations in the Bolshoi simulation, University of California Santa Cruz, 2016
- Supervisor, undergraduate summer intern, Gavilan College / San José State University, Galaxy distances, 2015
- Supervisor, masters research, Machine learning of galaxy classifications, San José State University, 2015
- Supervisor, undergraduate research, San José State University, Data mining for ultracompact galaxies, 2015
- Supervisor, Michael Sandoval, undergraduate research, San José State University, Exotic stellar systems in the nearby universe, 2014–2015
- Supervisor, Beth Johnson, undergraduate research, Distributions of stellar light, mass, and dark matter in nearby galaxies, San José State University, 2013–2015
- Supervisor, Richard Vo, undergraduate research, A systematic search for ultra-compact dwarfs, San José State University, 2013–2014
- Supervisor (unofficial), Christopher Moody, PhD work, Simulating multiple merger pathways to the central kinematics of early-type galaxies, University of California Santa Cruz, 2013–2014
- Supervisor, masters research, IDL-to-Python conversion for astrophysical software, San José State University, 2013
- Supervisor, Vakini Santhanakrishnan, Masters thesis, Studying globular clusters in the dwarf galaxy NGC 247 using Subaru Hyper Suprime-Cam imaging, San José State University, 2013–2016
- Supervisor, Justin Kader, undergraduate and masters thesis research, analysis of simulated galaxies, University of California, Santa Cruz, and San Francisco State University, 2013–2015
- Co-supervisor (unofficial), Jacob Arnold, Ph.D. thesis, Halo kinematics of lenticular galaxies, University of California, Santa Cruz, 2007–2013
- Co-supervisor, Neel Ramachandran and Kuriakose Theakanath, Saint Francis High School and Bellarmine College Preparatory, UCSC Summer Internship Program, 2013 (semifinalists in Siemens Competition)
- Co-supervisor (unofficial), Navtej Singh, Ph.D. project, Sizes of globular clusters and ultra-compact dwarfs using *Hubble Space Telescope* imaging, University of California, Santa Cruz / National University of Ireland, Galway, 2011
- Co-supervisor (unofficial), National Science Foundation Research Experiences for Undergraduates project, Intergalactic globular clusters, University of California, Santa Cruz, 2009–2010
- Co-supervisor (unofficial), Ricardo Salinas Venegas, Ph.D. thesis, “Dark matter in central and isolated elliptical galaxies”, Universidad de Concepción, 2006–2007
- Supervisor, civil electronic engineering thesis project, “Reducción de datos de imágenes astronómicas con software IRAF”, Universidad de Concepción, 2006
- Supervisor, two-student Master of Science final year project, “Dark matter in dwarf galaxies”, University of Nottingham, 2004
- Supervisor, observing training at William Herschel Telescope, Ph.D. student Helen Merrett, 2003
- Project consultant, Ph.D. student Joris Gerssen, Rijksuniversiteit Groningen, “Dark halos in S0 galaxies: NGC 5866”, 2000



**Other outreach, educational, and DEI activities:**

- Co-director, Cal-Bridge: CSU–UC Bridge Program in Physics and Astronomy, 2017–present
- TV appearance, KPIX CBS Bay Area, Northern lights, 11 May 2024
- TV appearance, NBC Bay Area, Solar eclipse, 8 Apr 2024
- Participant, Cultivating Equity and Inclusion Collaborative, College of Science, San José State University, 2022
- Member, Anti-Racism Committee, Department of Physics & Astronomy, San José State University, 2020–22
- Press release, Keck Observatory, “*Anemic Star Cluster Breaks Metal-Poor Record*,” 15 Oct 2020
- Volunteer, La Noche de las Estrellas, Lick Observatory visitors night for the Spanish-speaking community, 5 Oct 2019
- TV appearance, KTVU (Fox channel 2), Image of M87 black hole event horizon
- Press release, Keck Observatory, “*Anemic Galaxy Reveals Deficiencies in Ultra-Diffuse Galaxy Formation Theory*,” 26 Feb 2019
- TV appearance, ABC channel 7, Bolide meteor in Bay Area, 20 Dec 2018
- Speaker, University Scholar Series, San José State University, 26 Sep 2018, “*Dark Matter and Supermassive Black Holes in Extreme Galaxies*”
- TV appearance, NBC Bay Area, Total lunar eclipse, 27 July 2018
- Speaker, Lick Observatory Evenings with the Stars, 22 June 2018, “*The Mystery of the Ghost Galaxies*”
- Academic outreach partner, Science Buddies K–12 science project online resource center, 2009–
- Press release, Chandra X-ray Observatory, “*NGC 5128: Mysterious Cosmic Objects Erupting in X-rays Discovered*,” 19 Oct 2016
- Talk, Building Bridges, The 22nd Annual Cottrell Scholar Conference, Tucson, 14 July 2016, “*Student Engagement in Computation and Research*”
- Press release, Instituto de Astrofísica de Canarias, “*The Dark Side of the Fluffiest Galaxies*,” 7 Apr 2016
- Public talk, San José State University, “*Detection of Gravitational Waves*,” 24 Feb 2016
- Press release, Subaru Telescope, “*Galactic Space Oddity Discovered*,” 8 Feb 2016
- Press release, National Optical Astronomical Observatory, “*Hiding in Plain Sight: Undergraduates Discover the Densest Galaxies Known*,” 27 July 2015
- Press release, W.M. Keck Observatory, “*Fossil Star Clusters Reveal Their Age*,” 27 July 2015
- Speaker, Lick Observatory Music of the Spheres Summer Concert Series, “*Riddle of the Giant Star Clusters: Monsters or Victims?*,” 11 July 2015
- TV panelist, KQED/PBS “Equal Time,” “*Lick Observatory: Silicon Valley’s Science Inspiration*,” 16 May 2015
- Press release, W.M. Keck Observatory, “*Scientists at Keck Discover the Fluffiest Galaxies*,” 14 May 2015
- Press release, W.M. Keck Observatory, “*The Dark Matter Conspiracy*,” 29 Apr 2015
- Press release, W.M. Keck Observatory, “*Merging Galaxies Illuminate the Cosmic Food Chain*,” 30 June 2014
- Speaker, Lick Observatory Summer Visitors Program, 20 June 2014, “*The Luminous Search for Dark Matter*”
- TV appearance, NBC Bay Area, Student discoveries of dense galaxies, 20 May 2014
- Workshop organizer, Cosmos in the Classroom, meeting of the Astronomical Society of the Pacific, San José State University, 24 Jul 2013, “*Classroom Engagement in Exoplanet Research and Outreach*”

Juror, United States Invitational Young Physicists Tournament, Harker Upper School, Feb 2013

Guest lecture, Astronomy 5, Introductory Astronomy: The Formation and Evolution of the Universe, University of California, Santa Cruz, 28 Feb 2012, "*Black Holes, Gamma-ray Bursts, and the Milky Way*"

Press release, Univ. California Santa Cruz and Subaru Telescope, "*New Images Capture 'Stealth Merger' of Dwarf Galaxies,*" 8 Feb 2012

Judge, Westlake Elementary School Science Fair, 2012

Participant, NASA Center for Astronomy Education / Collaboration of Astronomy Teaching Scholars Astro 101 Tier I Teaching Excellence Workshop, 2012

Judge and co-organizer, Science Buddies - Lick Observatory Astronomy Contest for grade-school students, 2010–2011

Guest lecture, Astronomy 214, Structure Formation in the Universe, University of California, Santa Cruz, 25 Feb 2009, "*Early-type Galaxies: Dark Matter and Dynamics*"

Member, Astronomy Curriculum Design Committee, Universidad de Concepción, 2005–2006

Tutor, first year Physics and Astronomy, University of Nottingham, 2002–2003

Guest lecture, Natural Sciences 007, Astronomy: Discovering the Universe, Westmont College, 11 Sep 2002, "*Galaxy Exploration*"

Guest lecture, Observational Techniques 1, Rijksuniversiteit Groningen, 16 Oct 2001, "*Planetary Nebulae as Probes of Elliptical Galaxy Halos*"

Consultant, astronomy & relativity, MadSci Network, 1997–1998

Non-resident tutor, Eliot House, Harvard University, 1995–1997

**Professional committees, memberships, peer review (partial listing) :**

Proposal review, *Hubble Space Telescope*

Scientific Organizing Committee, “The Sunrise of Ultradiffuse Galaxies,” Sexten, Italy, 2023

Proposal review, Research Corporation for Science Advancement, 2018, 2019, 2020, 2022

Program Co-coordinator, Kavli Institute for Theoretical Physics, Santa Barbara, “Globular Clusters at the Nexus of Star and Galaxy Formation,” 2020

Co-chair, Scientific Organizing Committee, Focus Meeting of the International Astronomical Union General Assembly, “Galactic Angular Momentum,” Vienna, 2018

Member, Scientific Organizing Committee, “On the Origin (and Evolution) of Baryonic Galaxy Halos,” Galapagos Islands, 2017

Member, Scientific Organizing Committee, “Bright & Dark Universe,” Naples, 2017

Panel Review, National Science Foundation, 2010, 2017, 2019

External peer evaluator, tenure and promotional review, 2017

Referee, *New Astronomy*, 2013

Referee, two papers, *Astronomy & Astrophysics*, 2012–2013

Science case collaborator, The Synoptic All-Sky Infrared Survey, 2011

Organizer, Journal Club, UCO/UCSC, 2010–2011

Referee, five papers, *The Astrophysical Journal Letters*, 2010–2015

Referee, *Monthly Notices of the Royal Astronomical Society Letters*, 2009

Member, Colloquium Committee, UCO/UCSC, 2008

Referee, three papers, *The Astrophysical Journal*, 2007–2015

Referee, Canadian Time Allocation Committee Gemini Telescope, 2007, 2012

Referee, *Science*, 2006

Member, Chilean Telescope Allocation Committee, 2006

Member, Local Organizing Committee, “Globular Clusters – Guides to Galaxies” conference, 2005–2006

Organizer, Internal seminar series, Astronomy group, Universidad de Concepción, 2005–2006

Member, Sociedad Chilena de Astronomía, 2004–2007

Member, FONDAF Centro de Astrofísica, 2004–2007

Referee, *Astronomy & Astrophysics Letters*, 2005

Referee, *Nature*, 2005

Referee, six papers, *Monthly Notices of the Royal Astronomical Society*, 2004–2015

Organiser, Lunchtime Astronomy Talks, Univ Nottingham, 2003–2004

Referee, PATT/William Herschel Telescope, 2004B

Referee, PATT/Gemini Observatory, 2004A

Full Member, American Astronomical Society

**Refereed publications:** (225 papers,  $\sim 12,300$  citations,  $\sim 1820$  normalized citations, Hirsch index  $h = 63$ , slope  $m = 2.3$ ),  $\sim 50$  high impact papers ( $\geq 10$  citations/year) marked with “\*”

Major role (48 papers, incl. 15 high impact:)

220. Tang Y., **Romanowsky A.J.**, Gannon J.S., Janssens S.R., Brodie J.P., Bundy K.A., Buzzo M.L., Cabrera E.A., Danieli S., Ferré-Mateu A., Forbes D.A., van Dokkum P.G., 2025, *Astrophys. J.*, submitted, “An unexplained origin for the unusual globular cluster system in the ultra-diffuse galaxy FCC 224”
218. Tang Y., **Romanowsky A.J.**, van Dokkum P.G., Jarrett T.H., Bundy K.A., Buzzo M.L., Danieli, S., Gannon J.S., Keim M.A., Laine S., Shen Z., 2025, *Astrophys. J.*, 978. 21 (26pp), “Testing the bullet dwarf collision scenario in the NGC 1052 group through morphologies and stellar populations”
203. Forbes D.A., **Romanowsky A.J.**, 2023, *Mon. Not. R. Astron. Soc.*, 520, L58–L62, “Reconstructing the genesis of a globular cluster system at a look-back time of 9.1 Gyr with the JWST”
201. **Romanowsky A.J.**, Larsen S.S., Villaume A., Carlin J.L., Janz J., Sand D.J., Strader J., Brodie J.P., Chakrabarti S., Cheng C.M., Crnojević D., Forbes D.A., Garling C.T., Hargis J.R., Karunakaran A., Martín-Navarro I., Olsen K.A.G., Rider N., Salimkumar B., Santhanakrishnan V., Spekkens K., Tang Y., van Dokkum P.G., Willman B., 2023, *Mon. Not. R. Astron. Soc.*, 518, 3164–3182, “Low-density star cluster formation: discovery of a young faint fuzzy on the outskirts of the low-mass spiral galaxy NGC 247”
198. Janssens S.R., **Romanowsky A.J.**, Abraham R., Brodie J.P., Couch W.J., Forbes D.A., Laine S., Martínez-Delgado D., van Dokkum P.G., 2022, *Mon. Not. R. Astron. Soc.*, 517, 858–871, “The globular clusters and star formation history of the isolated, quiescent ultra-diffuse galaxy DGSAT I”
189. Villaume A., **Romanowsky A.J.**, Brodie J., van Dokkum P., Conroy C., Forbes D.A., Danieli S., Martin C., Matuszewski M., 2022, *Astrophys. J.*, 924, 32 (13pp), “Spatially resolved stellar spectroscopy of the ultra-diffuse galaxy Dragonfly 44. III. Evidence for an unexpected star formation history under conventional galaxy evolution processes”
175. Alabi A.B., **Romanowsky A.J.**, Forbes D.A., Brodie J.P., Okabe N., 2020, *Mon. Not. R. Astron. Soc.*, 496, 3182–3197, “An expanded catalogue of low surface brightness galaxies in the Coma cluster using Subaru/Suprime-Cam”
160. Villaume A., **Romanowsky A.J.**, Brodie J., Strader J., 2019, *Astrophys. J.*, 879, 45 (13pp), “New constraints on early-type galaxy assembly from spectroscopic metallicities of globular clusters in M87”
155. Martín-Navarro I., **Romanowsky A.J.**, Brodie J.P., Ferré-Mateu A., Alabi A., Forbes D.A., Sharina M., Villaume A., Pandya V., Martínez-Delgado D., 2019, *Mon. Not. R. Astron. Soc.*, 484, 3425–3433, “Extreme chemical abundance ratio suggesting an exotic origin for an ultradiffuse galaxy”
- \*153. Fall S.M., **Romanowsky A.J.**, 2018, *Astrophys. J.*, 868, 133 (13pp), “Angular momentum and galaxy formation revisited: scaling relations for disks and bulges”
148. Wasserman A., **Romanowsky A.J.**, Brodie J., van Dokkum P., Conroy C., Villaume A., Forbes D.A., Strader J., Alabi A., Bellstedt S., 2018, *Astrophys. J.*, 863, 130 (20pp), “The SLUGGS Survey: the inner dark matter density slope of the massive elliptical galaxy NGC 1407”

147. Wasserman A., **Romanowsky A.J.**, Brodie J., van Dokkum P., Conroy C., Abraham R., Cohen Y., Danieli S., 2018, *Astrophys. J. Lett.*, 863, L15 (6pp), “*A deficit of dark matter from Jeans modeling of the ultra-diffuse galaxy NGC 1052-DF2*”
- \*143. Alabi A., Ferré-Mateu A., **Romanowsky A.J.**, Brodie J., Forbes D.A., Wasserman A., Bellstedt S., Martín-Navarro I., Pandya V., Stone M.B., Okabe N., 2018, *Mon. Not. R. Astron. Soc.*, 479, 3308–3318, “*Origins of ultradiffuse galaxies in the Coma cluster – I. Constraints from velocity phase space*”
139. Pandya V., **Romanowsky A.J.**, Laine S., Brodie J.P., Johnson B.D., Glaccum W., Villaume A., Cuillandre J.-C., Gwyn S., Krick J., Lasker, R., Martín-Navarro I., Martínez-Delgado D., van Dokkum P., 2018, *Astrophys. J.*, 858, 29 (23pp), “*The stellar populations of two ultra-diffuse galaxies from optical and near-infrared spectroscopy*”
115. Zhu, L., **Romanowsky, A.J.**, van de Ven, G., Long, R.L., Watkins, L.L., Pota, V., Napolitano, N.R., Forbes, D.A., Brodie, J., Foster, C. 2016, *Mon. Not. R. Astron. Soc.*, 462, 4001–4017, “*A discrete chemo-dynamical model of the giant elliptical galaxy NGC 5846: dark matter fraction, internal rotation and velocity anisotropy out to six effective radii*”
109. Caldwell, N., **Romanowsky, A.J.** 2016, *Astrophys. J.*, 824, 42 (8pp), “*Star clusters in M31: VII. Global kinematics and metallicity subpopulations of the globular clusters*”
- \*104. Beasley, M.A., **Romanowsky, A.J.**, Pota, V., Martín-Navarro, I., Martínez-Delgado, D., Neyer, F., Deich, A.L. 2016, *Astrophys. J. Lett.*, 819, L20 (7pp), “*An overmassive dark halo around an ultra-diffuse galaxy in the Virgo cluster*”
101. **Romanowsky, A.J.**, Martínez-Delgado, D., Martín, N.F., Morales, G., Jennings, Z.G., GaBany, R.J., Brodie, J.P., Grebel, E.K., Schedler, J., Sidonio, M. 2016, *Mon. Not. Lett. R. Astron. Soc.*, 457, L103–L107, “*Satellite accretion in action: a tidally disrupting dwarf spheroidal around the nearby spiral galaxy NGC 253*”
97. Jennings Z.G., **Romanowsky A.J.**, Brodie J.P., Janz J., Norris M.A., Forbes D.A., Martínez-Delgado D., Fagioli M., Penny S.J. 2015, *Astrophys. J. Lett.*, 812, L10 (6pp), “*NGC 3628-UCD1: a possible  $\omega$  Cen analog embedded in a stellar stream*”
94. Sandoval M.A., Vo R.P., **Romanowsky A.J.**, Strader J., Choi J., Jennings Z.G., Conroy C., Brodie J.P., Foster C., Villaume A., Norris M.A., Janz J., Forbes D.A. 2015, *Astrophys. J. Lett.*, 808, L32 (7pp), “*Hiding in plain sight: record-breaking compact stellar systems in the Sloan Digital Sky Survey*”
88. Pota V., **Romanowsky A.J.**, Brodie J.P., Peñarrubia J., Forbes D.A., Napolitano N.R., Foster C., Walker M.G., Strader J., Roediger J.C. 2015, *Mon. Not. R. Astron. Soc.*, 450, 3345–3358, “*The SLUGGS survey: multipopulation dynamical modelling of the elliptical galaxy NGC 1407 from stars and globular clusters*”
- \*85. Cappellari M., **Romanowsky A.J.**, Brodie J.P., Forbes D.A., Strader J., Foster C., Kartha S.S., Pastorello N., Pota V., Spitler L.R., Usher C., Arnold J.A. 2015, *Astrophys. J. Lett.*, 804, L21 (7pp), “*Small scatter and nearly-isothermal mass profiles to four half-light radii from two-dimensional stellar dynamics of early-type galaxies*”
- \*80. Brodie J.P., **Romanowsky A.J.**, Strader J., Forbes D.A., Foster C., Jennings Z.G., Pastorello N., Pota V., Usher C., Blom C., Kader J., Roediger J.C., Spitler L.R., Villaume A., Arnold J.A., Kartha S.S., Woodley K. A. 2014, *Astrophys. J.*, 796, 52 (25pp), “*The SAGES Legacy Unifying Globulars and GalaxieS survey (SLUGGS): sample definition, methods, and initial results*”

76. Moody, C.E., **Romanowsky, A.J.**, Cox, T.J., Novak, G.S., Primack, J.R. 2014, Mon. Not. R. Astron. Soc., 444, 1475–1485, “*Simulating multiple merger pathways to the central kinematics of early-type galaxies*”
- \*75. Arnold, J.A., **Romanowsky, A.J.**, Brodie, J.P., Forbes, D.A., Strader, J., Spitler, L.R., Foster, C., Blom, C., Kartha, S.S., Pastorello, N., Pota, V., Usher, C., Woodley, K.A. 2014, Astrophys. J., 791, 80 (27pp), “*The SLUGGS Survey: wide-field stellar kinematics of early-type galaxies*”
73. Foster, C., Lux, H., **Romanowsky, A.J.**, Martínez-Delgado, D., Zibetti, S., Arnold, J.A., Brodie, J.P., Ciardullo, R., GaBany, R.J., Merrifield, M.R., Singh, N., Strader, J. 2014, Mon. Not. R. Astron. Soc., 442, 3544–3564, “*Kinematics and simulations of the stellar stream in the halo of the Umbrella Galaxy*”
64. Tortora, C., **Romanowsky, A.J.**, Cardone, V.F., Napolitano, N.R., Jetzer, Ph. 2014, Mon. Not. R. Astron. Soc. Lett., 438, L46–L50, “*MOND and IMF variations in early-type galaxies from ATLAS<sup>3D</sup>*”
- \*55. Fall, S.M., **Romanowsky, A.J.** 2013, Astrophys. J. Lett., 769, L26 (5pp), “*Angular momentum and galaxy formation revisited: effects of variable mass-to-light ratios*”
54. Tortora, C., **Romanowsky, A.J.**, Napolitano, N.R. 2013, Astrophys. J., 765, 8 (8pp), “*An inventory of the stellar initial mass function in early-type galaxies*”
- \*51. **Romanowsky, A.J.**, & Fall, S.M. 2012, Astrophys. J. Suppl. S., 203, 17 (52pp), “*Angular momentum and galaxy formation revisited*”
44. Spitler, L.R., **Romanowsky, A.J.**, Diemand, J., Strader, J., Forbes, D.A., Moore, B., & Brodie, J.P. 2012, Mon. Not. R. Astron. Soc., 423, 2177–2189, “*Evidence for inhomogeneous reionization in the local Universe from metal-poor globular cluster systems*”
- \*43. Martínez-Delgado D., **Romanowsky, A.J.**, Gabany, R.J., Annibali, F., Arnold, J.A., Fliri, J., Zibetti, S., van der Marel, R.P., Rix, H.-W., Chonis, T.S., Carballo-Bello, J.A., Aloisi, A., Macciò, A.V., Gallego-Laborda, J., Brodie, J.P., & Merrifield, M.R. 2012, Astrophys. J. Lett., 748, L24 (6pp), “*Dwarfs gobbling dwarfs: a stellar tidal stream around NGC 4449 and hierarchical galaxy formation on small scales*”
41. **Romanowsky, A.J.**, Strader, J., Brodie, J.P., Mihos, J.C., Spitler, L.R., Forbes, D.A., Foster, C., & Arnold, J.A. 2012, Astrophys. J., 748, 29 (23pp), “*The ongoing assembly of a central cluster galaxy: phase-space substructures in the halo of M87*”
- \*38. Strader, J., **Romanowsky, A.J.**, Brodie, J.P., Spitler, L.R., Beasley, M.A., Arnold, J.A., Tamura, N., Sharples, R.M., & Arimoto, N. 2011, Astrophys. J. Suppl. S., 197, 33 (49pp), “*Wide-field precision kinematics of the M87 globular cluster system*”
- \*37. Brodie, J.P., **Romanowsky, A.J.**, Strader, J., & Forbes, D.A. 2011, Astron. J., 142, 199 (16pp), “*The relationships among compact stellar systems: a fresh view of ultra compact dwarfs*”
34. Arnold, J.A., **Romanowsky, A.J.**, Brodie, J.P., Chomiuk, L., Spitler, L.R., Strader, J., Benson, A.J., & Forbes, D.A. 2011, Astrophys. J. Lett., 736, L26 (5pp), “*The fossil record of two-phase galaxy assembly: Kinematics and metallicities in the nearest S0 galaxy*”
27. Napolitano, N.R., **Romanowsky, A.J.**, Capaccioli, M., Douglas, N.G., Arnaboldi, M., Coccato, L., Gerhard, O., Kuijken, K., Merrifield, M.R., Bamford, S.P., Cortesi, A., Das, P., & Freeman, K.C. 2011, Mon. Not. R. Astron. Soc., 411, 2035–2053, “*The P.N.S Elliptical Galaxy Survey: a standard  $\Lambda$ CDM halo around NGC 4374?*”

24. Napolitano, N.R., **Romanowsky, A.J.**, Tortora, C. 2010, Mon. Not. R. Astron. Soc., 405, 2351–2371, “*Central dark matter content of early-type galaxies: scaling relations and connections with star formation histories*”
21. Tortora, C., Napolitano, N.R., **Romanowsky, A.J.**, Capaccioli, M., & Covone, G. 2009, Mon. Not. R. Astron. Soc., 396, 1132–1150, “*Central mass-to-light ratios and dark matter fractions in early-type galaxies*”
20. **Romanowsky, A.J.**, Strader, J., Spitler, L., Johnson, R., Brodie, J.P., Forbes, D.A., & Ponman, T. 2009, Astron. J., 137, 4956–4987, “*Mapping the dark side with DEIMOS: globular clusters, X-ray gas, and dark matter in the NGC 1407 group*”
17. Napolitano, N.R., **Romanowsky, A.J.**, Coccato, L., Capaccioli, M., Douglas, N.G., Noordermeer, E., Gerhard, O., Arnaboldi, M., De Lorenzi, F., Kuijken, K., Merrifield, M.R., O’Sullivan, E., Cortesi, A., Das, P., & Freeman, K.C. 2009, Mon. Not. R. Astron. Soc., 393, 329–353, “*The Planetary Nebula Spectrograph elliptical galaxy survey: the dark matter in NGC 4494*”
13. Douglas, N.G., Napolitano, N.R., **Romanowsky, A.J.**, Coccato, L., Kuijken, K., Merrifield, M.R., Arnaboldi, M., Gerhard, O., Freeman, K.C., Merrett, H.R., Noordermeer, E., & Capaccioli, M. 2007, Astrophys. J., 664, 257–275, “*The P.N.S Elliptical Galaxy Survey: data reduction, planetary nebula catalog, and basic dynamics for NGC 3379*”
8. Napolitano, N.R., Capaccioli, M., **Romanowsky, A.J.**, Douglas, N.G., Merrifield, M.R., Kuijken, K., Arnaboldi, M., Gerhard, O., & Freeman, K.C. 2005, Mon. Not. R. Astron. Soc., 357, 691–706, “*Mass-to-light ratio gradients in early-type galaxy haloes*”
- \*6. **Romanowsky, A.J.**, Douglas, N.G., Arnaboldi, M., Kuijken, K., Merrifield, M.R., Napolitano, N.R., Capaccioli, M., & Freeman, K.C. 2003, Science, 301, 1696–1698, “*A dearth of dark matter in ordinary elliptical galaxies*”
4. **Romanowsky, A.J.**, & Kochanek, C.S. 2001, Astrophys. J., 553, 722–732, “*Dynamics of stars and globular clusters in M87*”
3. **Romanowsky, A.J.**, & Kochanek, C.S. 1999, Astrophys. J., 516, 18–26, “*Constraints on  $H_0$  from the central velocity dispersions of lens galaxies*”
2. **Romanowsky, A.J.**, & Kochanek, C.S. 1998, Astrophys. J., 493, 641–649, “*Twisting of X-ray isophotes in triaxial galaxies*”
1. **Romanowsky, A.J.**, & Kochanek, C.S. 1997, Mon. Not. R. Astron. Soc., 287, 35–50, “*Structural and dynamical uncertainties in modelling axisymmetric elliptical galaxies*”

Minor role (177 papers):

225. Haacke L., Forbes D.A., Gannon J.S., Danieli S., Brodie J.P., Pfeffer J., **Romanowsky A.J.**, van Dokkum P., Janssens S.R., Buzzo M.L., Shen Z., 2025, Mon. Not. R. Astron. Soc., submitted, “*Investigating the ultra-diffuse galaxy NGC5846\_UDG1 through the kinematics of its rich globular cluster system*”
224. paper submitted, details to be announced
223. paper submitted, details to be announced
222. Li D., Eadie G.M., Brown P.E., Harris W.E., Abraham R.G., van Dokkum P., Janssens S.R., Berek S.C., Danieli S., **Romanowsky A.J.**, Speagle J.S., 2024, Astrophys. J., submitted, arXiv:2409.06040, “*Discovery of two ultra-diffuse galaxies with unusually bright globular cluster luminosity functions via a mark-dependently thinned point process (MATHPOP)*”
221. Ferré-Mateu A., Gannon J., Forbes D., **Romanowsky A.J.**, Buzzo M.L., Brodie J.P., 2025, Astron. Astrophys. Lett., in press, “*Signs of ‘Everything Everywhere All at Once’ formation in low surface brightness globular cluster-rich dwarf galaxies*”
219. Buzzo M.L., Forbes D.A., Jarrett T.H., Marleau F.R., Duc P.-A., Brodie J.P., **Romanowsky A.J.**, Ferré-Mateu A., Hilker M., Gannon J.S., Pfeffer J., Haacke L., 2024, Mon. Not. R. Astron. Soc., 536, 2536–2557, “*The multiple classes of ultra-diffuse galaxies: can we tell them apart?*”
217. Pfeffer J., Forbes D.A., **Romanowsky A.J.**, Bastian N., Crain R.A., Kruijssen J.M.D., Bekki K., Brodie J.P., Chevance M., Couch W.J., Gannon J.S., 2024, Mon. Not. R. Astron. Soc., 536, 1878–1893, “*Comparing E-MOSAICS predictions of high-redshift proto-globular clusters with JWST observations in lensed galaxies*”
216. Forbes D.A., Buzzo M.L., Ferré-Mateu A., **Romanowsky A.J.**, Gannon J., Brodie J.P., Collins M.L.M., 2025, Mon. Not. R. Astron. Soc., 536, 1217–1225, “*Why do some ultra diffuse Galaxies have rich globular cluster systems?*”
215. Carlin J.L., Sand D.J., Mutlu-Pakdil B., Crnojević D., Doliva-Dolinsky A., Garling C.T., Peter A.H.G., Brodie J.P., Forbes D.A., Hargis J.R., **Romanowsky A.J.**, Spekkens K., Strader J., Willman B., 2024, Astrophys. J., 977, 112 (16pp), “*A census of dwarf galaxy satellites around LMC-mass galaxy NGC 2403*”
214. Janssens S.R., Forbes D.A., **Romanowsky A.J.**, Gannon J., Pfeffer J., Couch W.J., Brodie J.P., Harris W.E., Durrell P.R., Bekki K., 2024, Mon. Not. R. Astron. Soc., 534, 783–799, “*The PIPER Survey. II. The globular cluster systems of low surface brightness galaxies in the Perseus cluster*”
213. Forbes D.A., Lyon D., Gannon J., **Romanowsky A.J.**, Brodie J.P., 2024, Pub. Astron. Soc. Austr., 41, e044 (7pp), “*Keck/KCWI spectroscopy of globular clusters in local volume dwarf galaxies*”
212. Gannon J.S., Ferré-Mateu A., Forbes D.A., Brodie J.P., Buzzo M.L., **Romanowsky A.J.**, 2024, Mon. Not. R. Astron. Soc., 531, 1856–1869, “*A catalogue and analysis of ultra-diffuse galaxy spectroscopic properties*”
211. Gannon J.S., Forbes D.A., **Romanowsky A.J.**, Brodie J.P., Haacke L., Ferré-Mateu A., Danieli S., van Dokkum P., Buzzo M.L., Couch W.J., Shen Z., 2024, Mon. Not. R. Astron. Soc., 531, 1789–1804, “*Analysis of galaxies at the extremes: a kinematic analysis of the Virgo cluster dwarfs VCC 9 and VCC 1448 using the Keck cosmic web imager*”



210. Pfeffer J., Janssens S.R., Buzzo M.L., Gannon J.S., Bastian N., Bekki K., Brodie J.P., Couch W.J., Crain R.A., Forbes D.A., Kruijssen J.M.D., **Romanowsky A.J.**, 2024, Mon. Not. R. Astron. Soc., 529, 4914–4928, “*Origin of the correlation between stellar kinematics and globular cluster system richness in ultradiffuse galaxies*”
209. Buzzo M.L., Forbes D.A., Jarrett T.H., Marleau F.R., Duc P.-A., Brodie J.P., **Romanowsky A.J.**, Gannon J.S., Janssens S.R., Pfeffer J., Ferré-Mateu A., Haacke L., Couch W.J., Lim S., Sánchez-Janssen R., 2024, Mon. Not. R. Astron. Soc., 529, 3210–3234, “*Constraining the stellar populations of ultra-diffuse galaxies in the MATLAS survey using spectral energy distribution fitting*”
208. Ferré-Mateu A., Gannon J.S., Forbes D.A., Buzzo M.L., **Romanowsky A.J.**, Brodie J.P., 2023, Mon. Not. R. Astron. Soc., 526, 4735–4754, “*The star formation histories of quiescent ultra-diffuse galaxies and their dependence on environment and globular cluster richness*”
207. Cheng C.M., Villaume A., Balogh M.L., Brodie J.P., Martín-Navarro I., **Romanowsky A.J.**, van Dokkum P.G., 2023, Mon. Not. R. Astron. Soc., 526, 4004–4023, “*Initial mass function variability from the integrated light of diverse stellar systems*”
206. Gannon J.S., Buzzo M.L., Ferré-Mateu A., Forbes D.A., Brodie J.P., **Romanowsky A.J.**, 2023, Mon. Not. R. Astron. Soc., 524, 2624–2629, “*Keck spectroscopy of NGC 1052-DF9: stellar populations in the context of the NGC 1052 group*”
205. Buzzo M.L., Forbes D.A., Brodie J.P., Janssens S.R., Couch W.J., **Romanowsky A.J.**, Gannon J.S., 2023, Mon. Not. R. Astron. Soc., 522, 595–605, “*The large-scale structure of globular clusters in the NGC 1052 group*”
- \*204. van Dokkum P., Pasha I., Buzzo M.L., LaMassa S., Shen Z., Keim M.A., Abraham R., Conroy C., Danieli S., Mitra K., Nagai D., Natarajan P., **Romanowsky A.J.**, Tremblay G., Urry C.M., van den Bosch F.C., 2023, Astrophys. J. Lett., 945, L50 (14pp), “*A candidate runaway supermassive black hole identified by shocks and star formation in its wake*”
202. Gannon J.S., Forbes D.A., Brodie J.P., **Romanowsky A.J.**, Couch W.J., Ferré-Mateu A., 2023, Mon. Not. R. Astron. Soc., 518, 3653–3666, “*Keck spectroscopy of the coma cluster ultra-diffuse galaxy Y358: dynamical mass in a wider context*”
200. van Dokkum P., Shen Z., **Romanowsky A.J.**, Abraham R., Conroy C., Danieli S., Dutta Chowdhury D., Keim M.A., Kruijssen J.M.D., Leja J., Trujillo-Gomez S., 2022, Astrophys. J. Lett., 940, L9 (9pp), “*Monochromatic globular clusters as a critical test of formation models for the dark matter-deficient galaxies NGC 1052-DF2 and NGC 1052-DF4*”
- \*199. Buzzo M.L., Forbes D.A., Brodie J.P., **Romanowsky A.J.**, Cluver M.E., Jarrett T.H., Laine S., Couch W.J., Gannon J.S., Ferré-Mateu A., Okabe N., 2022, Mon. Not. R. Astron. Soc., 517, 2231–2250, “*The stellar populations of quiescent ultra-diffuse galaxies from optical to mid-infrared spectral energy distribution fitting*”
197. Webb K.A., Villaume A., Laine S., **Romanowsky A.J.**, Balogh M., van Dokkum P., Forbes D.A., Brodie J., Martin C., Matuszewski M., 2022, Mon. Not. R. Astron. Soc., 516, 3318–3341, “*Still at odds with conventional galaxy evolution: the star formation history of ultradiffuse galaxy Dragonfly 44*”
196. Li D.D., Eadie G.M., Abraham R., Brown P.E., Harris W.E., Janssens S.R., **Romanowsky A.J.**, van Dokkum P., Danieli S., 2022, Astrophys. J., 935, 3 (28pp), “*Light from the darkness: detecting ultra-diffuse galaxies in the Perseus cluster through over-densities of globular clusters with a log-Gaussian Cox process*”

195. Hartke J., Arnaboldi M., Gerhard O., Coccato L., Merrifield M., Kuijken K., Pulsoni C., Agnello A., Bhattacharya S., Spiniello C., Cortesi A., Freeman K.C., Napolitano N.R., **Romanowsky A.J.**, 2022, *Astron. Astrophys.*, 663, A12 (19pp), “*The halo of M 105 and its group environment as traced by planetary nebula populations. II. Using kinematics of single stars to unveil the presence of intragroup light around the Leo I galaxies NGC 3384 and M 105*”
- \*194. van Dokkum P., Shen Z., Keim M.A., Trujillo-Gomez S., Danieli S., Dutta Chowdhury D., Abraham R., Conroy C., Kruijssen J.M.D., Nagai D., **Romanowsky A.J.**, 2022, *Nature*, 605, 435 (7pp), “*A trail of dark-matter-free galaxies from a bullet-dwarf collision*”
193. Forbes D.A., Ferré-Mateu A., Gannon J.S., **Romanowsky A.J.**, Carlin J.L., Brodie J.P., Day J., 2022, *Mon. Not. R. Astron. Soc.*, 512, 802–810, “*Low-metallicity globular clusters in the low-mass isolated spiral galaxy NGC 2403*”
- \*192. Larsen S.S., Eitner P., Magg E., Bergemann M., Moltzer C.A.S., Brodie J.P., **Romanowsky A.J.**, Strader J., 2022, *Astron. Astrophys.*, 660, A88 (46pp), “*The chemical composition of globular clusters in the Local Group*”
- \*191. Danieli S., van Dokkum P., Trujillo-Gomez S., Kruijssen J.M.D., **Romanowsky A.J.**, Carlsten S., Shen Z., Li J., Abraham R., Brodie J., Conroy C., Gannon J.S., Greco J., 2022, *Astrophys. J. Lett.*, 927, L28 (9pp), “*NGC 5846-UDG1: a galaxy formed mostly by star formation in massive, extremely dense clumps of gas*”
190. Dolfi A., Pfeffer J., Forbes D.A., Couch W.J., Bekki K., Brodie J.P., **Romanowsky A.J.**, Kruijssen J.M.D., 2022, *Mon. Not. R. Astron. Soc.*, 511, 3179–3197, “*The present-day globular cluster kinematics of lenticular galaxies from the E-MOSAICS simulations and their relation to the galaxy assembly histories*”
188. Gannon J.S., Forbes D.A., **Romanowsky A.J.**, Ferré-Mateu A., Couch W.J., Brodie J.P., Huang S., Janssens S.R., Okabe N., 2022, *Mon. Not. R. Astron. Soc.*, 510, 946–958, “*Ultra-diffuse galaxies in the perseus cluster: comparing galaxy properties with globular cluster system richness*”
187. Larsen S.S., **Romanowsky A.J.**, Brodie J.P., 2021, *Astron. Astrophys.*, 651, A102 (19pp), “*Hubble Space Telescope imaging of the extremely metal-poor globular cluster EXT8 in Messier 31*”
186. Polzin A., van Dokkum P., Danieli S., Greco J.P., **Romanowsky A.J.**, 2021, *Astrophys. J. Lett.*, 914, L23 (7pp), “*A recently quenched isolated dwarf galaxy outside of the Local Group environment*”
- \*185. Shen Z., Danieli S., van Dokkum P., Abraham A., Brodie J.P., Conroy C., Dolphin A.E., **Romanowsky A.J.**, Kruijssen J.M.D., Dutta Chowdhury D., 2021, *Astrophys. J. Lett.*, 914, L12 (9pp), “*A tip of the red giant branch distance of  $22.1 \pm 1.2$  Mpc to the dark matter deficient galaxy NGC 1052–DF2 from 40 orbits of Hubble Space Telescope imaging*”
184. Dolfi A., Forbes D.A., Couch W.J., Bekki K., Ferré-Mateu A., **Romanowsky A.J.**, Brodie J.P., 2021, *Mon. Not. R. Astron. Soc.*, 504, 4923–4939, “*The SLUGGS survey: combining stars, globular clusters, and planetary nebulae to understand the assembly history of early-type galaxies from their large radii kinematics*”

183. Buzzo M.L., Cortesi A., Hernandez-Jimenez J.A., Coccato L., Werle A., Beraldo e Silva L., Grossi M., Vika M., Barbosa C.E., Lucatelli G., Santana-Silva L., Bamford S., Debattista V.P., Forbes D.A., Overzier R., **Romanowsky A.J.**, Ferrari F., Brodie J.P., Mendes de Oliveira C., 2021, *Mon. Not. R. Astron. Soc.*, 504, 2146–2167, “*Recovering the origins of the lenticular galaxy NGC 3115 using multiband imaging*”
182. Ferré-Mateu A., Durré M., Forbes D.A., **Romanowsky A.J.**, Alabi A., Brodie J.P., McDermid R.M., 2021, *Mon. Not. R. Astron. Soc.*, 503, 5455–5472, “*Low-mass compact elliptical galaxies: spatially-resolved stellar populations and kinematics with the Keck Cosmic Web Imager*”
181. Carlin J.L., Mutlu-Pakdil B., Crnojević D., Garling C.T., Karunakaran A., Peter A.H.G., Tollerud E., Forbes D.A., Hargis J.R., Lim S., **Romanowsky A.J.**, Sand D.J., Spekkens K., Strader J., 2021, *Astrophys. J.*, 909, 211 (16pp), “*Hubble Space Telescope observations of two faint dwarf satellites of nearby LMC analogs from MADCASH*”
180. Forbes D.A., Gannon J.S., **Romanowsky A.J.**, Alabi A., Brodie J.P., Couch W.J., Ferré-Mateu A., 2021, *Mon. Not. R. Astron. Soc.*, 500, 1279–1284, “*Stellar velocity dispersion and dynamical mass of the ultra diffuse galaxy NGC 5846\_UDG1 from the Keck Cosmic Web Imager*”
179. Larsen S.S., **Romanowsky A.J.**, Brodie J.P., Wasserman A., 2020, *Science*, 370, 970–973, “*An extremely metal-deficient globular cluster in the Andromeda Galaxy*”
178. Villaume A., Foreman-Mackey D., **Romanowsky A.J.**, Brodie J., Strader J., 2020, *Astrophys. J.*, 900, 95 (19pp), “*The assembly history of M87 through radial variations in chemical abundances of its field star and globular cluster populations*”
177. Forbes D.A., Ferré-Mateu A., Durré M., Brodie J.P., **Romanowsky A.J.**, 2020, *Mon. Not. R. Astron. Soc.*, 497, 765–775, “*Keck Cosmic Web Imager (KCWI) spectra of globular clusters and ultracompact dwarfs in the halo of M87*”
176. Alabi A.B., Ferré-Mateu A., Forbes D.A., **Romanowsky A.J.**, Brodie J.P., 2020, *Mon. Not. R. Astron. Soc.*, 497, 626–631, “*NGC 474 as viewed with KCWI: diagnosing a shell galaxy*”
174. Gannon J.S., Forbes D.A., **Romanowsky A.J.**, Ferré-Mateu A., Couch W.J., Brodie J.P., 2020, *Mon. Not. R. Astron. Soc.*, 495, 2582–2598, “*On the stellar kinematics and mass of the Virgo ultradiffuse galaxy VCC 1287*”
173. Dolfi A., Forbes D.A., Couch W.J., Ferré-Mateu A., Bellstedt S., Bekki K., Diaz J., **Romanowsky A.J.**, Brodie J.P., 2020, *Mon. Not. R. Astron. Soc.*, 495, 1321–1339, “*The assembly history of the nearest S0 galaxy NGC 3115 from its kinematics out to six half-light radii*”
- \*172. Danieli S., van Dokkum P., Abraham R., Conroy C., Dolphin A.E., **Romanowsky A.J.**, 2020, *Astrophys. J. Lett.*, 895, L4 (8pp), “*A tip of the red giant branch distance to the dark matter deficient galaxy NGC 1052-DF4 from deep Hubble Space Telescope data*”
171. Lin D., Strader J., **Romanowsky A.J.**, Irwin J.A., Godet O., Barret D., Webb N.A., Homan J., Remillard R.A., 2020, *Astrophys. J. Lett.*, 892, L25 (5pp), “*Multiwavelength follow-up of the hyperluminous intermediate-mass black hole candidate 3XMM J215022.4–055108*”
170. Harris W.E., Brown R.A., Durrell P.R., **Romanowsky A.J.**, Blakeslee J., Brodie J., Janssens S., Lisker T., Okamoto S., Wittmann C., 2020, *Astrophys. J.*, 890, 105 (14pp), “*The PIPER Survey: I. An initial look at the intergalactic globular cluster population in the Perseus Cluster*”

169. Forbes D.A., Alabi A., **Romanowsky A.J.**, Brodie J.P., Arimoto N., 2020, Mon. Not. R. Astron. Soc., 492, 4874–4883, “*Globular clusters in Coma cluster ultra-diffuse galaxies (UDGs): evidence for two types of UDG?*”
168. Alabi A.B., Forbes D.A., **Romanowsky A.J.**, Brodie J.P., 2020, Mon. Not. R. Astron. Soc., 491, 5693–5701, “*Globular clusters in the stellar stream surrounding the Milky Way analogue NGC 5907*”
167. Janssens S.R., Abraham R., Brodie J., Forbes D.A., **Romanowsky A.J.**, 2019, Astrophys. J., 887, 92 (19pp), “*The distribution of ultra-diffuse and ultra-compact galaxies in the Frontier Fields*”
166. Carlin J.L., Garling C.T., Peter A.H.G., Crnojević D., Forbes D.A., Hargis J.R., Mutlu-Pakdil B., Pucha R., **Romanowsky A.J.**, Sand D.J., Spekkens K., Strader J., Willman B., 2019, Astrophys. J., 886, 109 (11pp), “*Tidal destruction in a low-mass galaxy environment: the discovery of tidal tails around DDO 44*”
- \*165. Wasserman A., van Dokkum P., **Romanowsky A.J.**, Brodie J., Danieli S., Forbes D.A., Abraham R., Martin C., Matuszewski M., Villaume A., Tamanas J., Profumo S., 2019, Astrophys. J., 885, 155 (11pp), “*Spatially resolved stellar kinematics of the ultra-diffuse galaxy Dragonfly 44. II. Constraints on fuzzy dark matter*”
164. Usher C., Brodie J.P., Forbes D.A., **Romanowsky A.J.**, Strader J., Pfeffer J., Bastian N., 2019, Mon. Not. R. Astron. Soc., 490, 491–501, “*The SLUGGS survey: measuring globular cluster ages using both photometry and spectroscopy*”
163. Forbes D.A., Alabi A., Brodie J.P., **Romanowsky A.J.**, 2019, Mon. Not. R. Astron. Soc., 489, 3665–3669, “*Dark matter and no dark matter: on the halo mass of NGC 1052*”
162. Pucha R., Carlin J.L., Willman B., Strader J., Sand D.J., Bechtol K., Brodie J.P., Crnojević D., Forbes D.A., Garling C., Hargis J., Peter A.H.G., **Romanowsky A.J.**, 2019, Astrophys. J., 880, 104 (11pp), “*Hyper wide field imaging of the Local Group dwarf irregular galaxy IC 1613: an extended component of metal-poor stars*”
- \*161. van Dokkum P., Wasserman A., Danieli S., Abraham R., Brodie J., Conroy C., Forbes D.A., Martin C., Matuszewski M., **Romanowsky A.J.**, Villaume A., 2019, Astrophys. J., 880, 91 (26pp), “*Spatially-resolved stellar kinematics of the ultra-diffuse galaxy Dragonfly 44. I. Observations, kinematics, and cold dark matter halo fits*”
- \*159. Jiang F., Dekel A., Freundlich J., **Romanowsky A.J.**, Dutton A.A., Macció A.V., Di Cintio A., 2019, Mon. Not. R. Astron. Soc., 487, 5272–5290, “*Formation of ultra-diffuse galaxies in the field and in galaxy groups*”
158. Ferré-Mateu A., Forbes D.A., McDermid R., **Romanowsky A.J.**, Brodie J.P., 2019, Astrophys. J., 878, 129 (9pp), “*Spatially resolved stellar populations and kinematics with KCWI: probing the assembly history of the massive early-type galaxy NGC 1407*”
- \*157. Danieli S., van Dokkum P., Conroy C., Abraham R., **Romanowsky A.J.**, 2019, Astrophys. J. Lett., 874, L12 (8pp), “*Still missing dark matter: KCWI high-resolution stellar kinematics of NGC1052-DF2*”
- \*156. van Dokkum P., Danieli S., Abraham R., Conroy C., **Romanowsky A.J.**, 2019, Astrophys. J. Lett., 874, L5 (8pp), “*A second galaxy missing dark matter in the NGC 1052 group*”
154. Martínez-Delgado M., Grebel E.K., Javanmardi B., Boschini W., Longeard N., Carballo-Bello J.A., Makarov D., Beasley M.A., Donatiello G., Haynes M.P., Forbes D.A., **Romanowsky A.J.**, 2018, Astron. Astrophys., 620, A126 (10pp), “*Mirach’s Goblin: Discovery of a dwarf spheroidal galaxy behind the Andromeda galaxy*”

- \*152. Cohen Y., van Dokkum P., Danieli S., **Romanowsky A.J.**, Abraham, R., Merritt A., Zhang J., Mowla L., Kruijssen J.M.D., Conroy C., Wasserman A., 2018, *Astrophys. J.*, 868, 96 (14pp), “*The Dragonfly Nearby Galaxies Survey. V. HST/ACS observations of 23 low surface brightness objects in the fields of NGC 1052, NGC 1084, M96, and NGC 4258*”
- \*151. Pulsoni C., Gerhard O., Arnaboldi M., Coccato L., Longobardi A., Napolitano N.R., Moylan E., Narayan C., Gupta V., Burkert A., Capaccioli M., Chies-Santos A.L., Cortesi A., Freeman K.C., Kuijken K., Merrifield M.R., **Romanowsky A.J.**, Tortora C., 2018, *Astron. Astrophys.*, 618, A94 (50pp), “*The extended Planetary Nebula Spectrograph (ePN.S) early-type galaxy survey: The kinematic diversity of stellar halos and the relation between halo transition scale and stellar mass*”
150. Pota V., Napolitano N.R., Hilker M., Spavone M., Schulz C., Cantiello M., Tortora C., Iodice E., Paolillo M., D’Abrusco R., Capaccioli M., Puzia T., Peletier R.F., **Romanowsky A.J.**, van de Ven G., Spiniello C., Norris M., Lisker T., Munoz R., Schipani P., Eigenthaler P., Taylor M.A., Sánchez-Janssen R., Ordenes-Briceño Y., 2018, *Mon. Not. R. Astron. Soc.*, 481, 1744–1756, “*The Fornax Cluster VLT Spectroscopic Survey – I. VIMOS spectroscopy of compact stellar systems in the Fornax core region*”
- \*149. van Dokkum P., Danieli S., Cohen Y., **Romanowsky A.**, Conroy C., 2018, *Astrophys. J. Lett.*, 864, L18 (7pp), “*The distance of the dark matter deficient galaxy NGC1052-DF2*”
146. Zanatta E.J.B., Cortesi A., Chies-Santos A.L., Forbes D.A., **Romanowsky A.J.**, Alabi A.B., Coccato L., Mendes de Oliveira C., Brodie J.P., Merrifield M., 2018, *Mon. Not. R. Astron. Soc.*, 479, 5124–5135, “*Chromodynamical analysis of lenticular galaxies using globular clusters and planetary nebulae*”
- \*145. Lin D., Strader J., Carrasco E.R., Page D., **Romanowsky A.J.**, Homan J., Irwin J.A., Remillard R.A., Godet O., Webb N.A., Baumgardt H., Wijnands R., Barret D., Duc P.-A., Brodie J.P., Gwyn S.D.J., 2018, *Nature Astronomy*, 2, 656–661, “*A luminous X-ray outburst from an intermediate-mass black hole in an off-centre star cluster*”
- \*144. Ferré-Mateu A., Alabi A., Forbes D.A., **Romanowsky A.J.**, Brodie J., Pandya V., Martín-Navarro I., Bellstedt S., Wasserman A., Stone M.B., Okabe N., 2018, *Mon. Not. R. Astron. Soc.*, 479, 4891–4906, “*Origins of ultradiffuse galaxies in the Coma cluster – II. Constraints from their stellar populations*”
142. Jones M.G., Papastergis E., Pandya V., Leisman L., **Romanowsky A.J.**, Yung L.Y.A., Somerville R.S., Adams E.A.K., 2018, *Astron. Astrophys.*, 614, A21 (11pp), “*The contribution of HI-bearing ultra-diffuse galaxies to the cosmic number density of galaxies*”
- \*141. Afanasiev A.V., Chilingarian I.V., Mieske S., Voggel K.T., Picotti A., Hilker M., Seth A., Neumayer N., Frank M., **Romanowsky A.J.**, Hau G., Baumgardt H., Ahn C., Strader J., den Brok M., McDermid R., Spitler L., Brodie J., Walsh J.L., 2018, *Mon. Not. R. Astron. Soc.*, 477, 4856–4865, “*A 3.5-million Solar masses black hole in the centre of the ultracompact dwarf galaxy fornax UCD3*”
- \*140. Ahn C.P., Seth A.C., Cappellari M., Krajnović D., Strader J., Voggel K.T., Walsh J.L., Bahramian A., Baumgardt H., Brodie J., Chilingarian I., Chomiuk L., den Brok M., Frank M., Hilker M., McDermid R.M., Mieske S., Neumayer N., Nguyen D.D., Pechetti R., **Romanowsky A.J.**, Spitler L., 2018, *Astrophys. J.*, 858, 102 (16pp), “*The black hole in the most massive ultracompact dwarf galaxy M59-UCD3*”

138. Voggel K.T., Seth A.C., Neumayer N., Mieske S., Chilingarian I., Ahn C., Baumgardt H., Hilker M., Nguyen D.D., **Romanowsky A.J.**, Walsh J.L., den Brok M., Strader J., 2018, *Astrophys. J.*, 858, 20 (15pp), “*Upper limits on the presence of central massive black holes in two ultra-compact dwarfs in Centaurus A*”
137. Bellstedt S., Forbes D.A., **Romanowsky A.J.**, Remus R.-S., Stevens A.R.H., Brodie J.P., Poci A., McDermid R., Alabi A., Chevalier L., Adams C., Ferré-Mateu A., Wasserman A., Pandya V., 2018, *Mon. Not. R. Astron. Soc.*, 476, 4543–4564, “*The SLUGGS survey: a comparison of total-mass profiles of early-type galaxies from observations and cosmological simulations, to  $\sim 4$  effective radii*”
- \*136. van Dokkum P., Cohen Y., Danieli S., Kruijssen J.M.D., **Romanowsky A.J.**, Merritt A., Abraham R., Brodie J., Conroy C., Lokhorst D., Mowla L., O’Sullivan E., Zhang J., 2018, *Astrophys. J. Lett.*, 856, L30 (7pp), “*An enigmatic population of luminous globular clusters in a galaxy lacking dark matter*”
- \*135. van Dokkum P., Danieli S., Cohen Y., Merritt A., **Romanowsky A.J.**, Abraham R., Brodie J., Conroy C., Lokhorst D., Mowla L., O’Sullivan E., Zhang J., 2018, *Nature*, 555, 629–632, “*A galaxy lacking dark matter*”
134. Martín-Navarro I., Brodie J.P., **Romanowsky A.J.**, Ruiz-Lara T., van de Ven G., 2018, *Nature*, 553, 307–309, “*Black-hole-regulated star formation in massive galaxies*”
133. Carlin J.L., Sand D.J., Muñoz R.R., Spekkens K., Willman B., Crnojević D., Forbes D.A., Hargis J., Kirby E., Peter A.H.G., **Romanowsky A.J.**, Strader J., 2017, *Astronom. J.*, 154, 267 (10pp), “*Deep Subaru Hyper Suprime-Cam observations of Milky Way satellites Columba I and Triangulum II*”
132. Villaume A., Brodie J., Conroy C., **Romanowsky A.J.**, van Dokkum P., 2017, *Astrophys. J. Lett.*, 850, L14 (6pp), “*Initial mass function variability (or not) among low-velocity dispersion, compact stellar systems*”
131. Ferré-Mateu, A., Forbes D.A., **Romanowsky A.J.**, Janz J., Dixon C., 2018, *Mon. Not. R. Astron. Soc.*, 473, 1819–1840, “*On the formation mechanisms of compact elliptical galaxies*”
- \*130. van Dokkum P., Abraham R., **Romanowsky A.J.**, Brodie J., Conroy C., Danieli S., Lokhorst D., Merritt A., Mowla L., Zhang J. 2017, *Astrophys. J. Lett.*, 844, L11 (7pp), “*Extensive globular cluster systems associated with ultra diffuse galaxies in the Coma cluster*”
129. Paggi A., Kim D.-W., Anderson C., Burke D., D’Abrusco R., Fabbiano G., Fruscione A., Gokas T., Lauer J., McCollough M., Morgan D., Mossman A., O’Sullivan E., Trinchieri G., Vrtilek S., Pellegrini S., **Romanowsky A.J.**, Brodie J. 2017, *Astrophys. J.*, 844, 5 (30pp), “*Constraining the physical state of the hot gas halos in NGC 4649 and NGC 5846*”
128. Bellstedt S., Graham A.W., Forbes D.A., **Romanowsky A.J.**, Brodie J.P., Strader J. 2017, *Mon. Not. R. Astron. Soc.*, 470, 1321–1328, “*The SLUGGS Survey: trails of SLUGGS galaxies in a modified spin-ellipticity diagram*”
- \*127. van Dokkum P., Conroy C., Villaume A., Brodie J., **Romanowsky A.J.** 2017, *Astrophys. J.*, 841, 68 (23pp), “*The stellar initial mass function in early-type galaxies from absorption line spectroscopy. III. Radial gradients*”
- \*126. Papastergis E., Adams E.A.K., **Romanowsky A.J.** 2017, *Astron. Astrophys.*, 601, L10 (4pp), “*The HI content of isolated ultra-diffuse galaxies: A sign of multiple formation mechanisms?*”

125. Alabi A.B., Forbes D.A., **Romanowsky A.J.**, Brodie J.P., Strader J., Janz J., Usher C., Spitler L.R., Bellstedt S., Ferré-Mateu, A. 2017, *Mon. Not. R. Astron. Soc.*, 468, 3949–3964, “*The SLUGGS Survey: dark matter fractions at large radii and assembly epochs of early-type galaxies from globular cluster kinematics*”
- \*124. Ahn C.P., Seth A.C., den Brok M., Strader J., Baumgardt H., van den Bosch R., Chilingarian I., Frank M., Hilker M., McDermid R., Mieske S., **Romanowsky A.J.**, Spitler L., Brodie J., Neumayer N., Walsh J.L. 2017, *Astrophys. J.*, 839, 72 (15pp), “*Detection of supermassive black holes in two Virgo ultracompact dwarf galaxies*”
123. Janssens S., Abraham R., Brodie J., Forbes D., **Romanowsky A.J.** 2017, *Astrophys. J. Lett.*, 839, L17 (5pp), “*Ultra-diffuse and ultra-compact galaxies in the Frontier Fields cluster Abell 2744*”
122. Bellstedt S., Forbes D.A., Foster C., **Romanowsky A.J.**, Brodie J.P., Pastorello N., Alabi A., Villaume A. 2017, *Mon. Not. R. Astron. Soc.*, 467, 4540–4557, “*The SLUGGS survey: using extended stellar kinematics to disentangle the formation histories of low-mass S0 galaxies*”
121. Forbes D.A., Alabi A., Brodie J.P., **Romanowsky A.J.**, Strader J., Foster C., Usher C., Spitler L., Bellstedt S., Pastorello N., Villaume A., Wasserman A., Pota V. 2017, *Astronom. J.*, 153, 114 (10pp), “*The SLUGGS Survey: a catalog of over 4000 globular cluster radial velocities in 27 nearby early-type galaxies*”
120. Forbes D.A., Sinpetru L., Savorgnan G., **Romanowsky A.J.**, Usher C., Brodie J. 2017, *Mon. Not. R. Astron. Soc.*, 464, 4611–4623, “*The SLUGGS Survey: stellar masses and effective radii of early-type galaxies from Spitzer Space Telescope 3.6  $\mu\text{m}$  imaging*”
119. Martín-Navarro I., Brodie J.P., van den Bosch R.C.E., **Romanowsky A.J.**, Forbes D.A. 2016, *Astrophys. J. Lett.*, 832, L11 (5pp), “*Stellar populations across the black hole mass–velocity dispersion relation*”
118. Irwin J.A., Maksym W.P., Sivakoff G.R., **Romanowsky A.J.**, Lin D., Speegle T., Prado I., Mildebrath D., Strader J., Liu J., Miller J.M. 2016, *Nature*, 538, 356–358, “*Ultraluminous X-ray bursts in two ultracompact companions to nearby elliptical galaxies*”
117. Forbes D.A., Alabi A., **Romanowsky A.J.**, Kim D.-W., Brodie J.P., Fabbiano G. 2017, *Mon. Not. Lett. R. Astron. Soc.*, 464, L26–L30, “*The SLUGGS Survey: revisiting the correlation between X-ray luminosity and total mass of massive early-type galaxies*”
116. Laine, S., Grillmair, C.J., Capak, P., Arendt, R.G., **Romanowsky, A.J.**, Martínez-Delgado, D., Ashby, M.L.N., Davies, J.E., Majewski, S.R., Brodie, J.P., GaBany, R.J., Arnold, J.A. 2016, *Astronom. J.*, 152, 72 (11pp), “*Metallicity and age of the stellar stream around the disk galaxy NGC 5907*”
- \*114. van Dokkum, P., Abraham, R., Brodie, J., Conroy, C., Danieli, S., Merritt, A., Mowla, L., **Romanowsky, A.**, Zhang, J. 2016, *Astrophys. J. Lett.*, 828, L6 (6pp), “*A high stellar velocity dispersion and  $\sim 100$  globular clusters in the ultra diffuse galaxy Dragonfly 44*”
- \*113. Carlin, J.L., Sand, D.J., Price, P., Willman, B., Karunakaran, A., Spekkens, K., Bell, E.F., Brodie, J.P., Crnojević, D., Forbes, D.A., Hargis, J., Kirby, E.K., Lupton, R., Peter, A.H.G., **Romanowsky, A.J.**, Strader, J. 2016, *Astrophys. J. Lett.*, 828, L5 (6pp), “*First results from the MADCASH Survey: a faint dwarf galaxy companion to the low mass spiral galaxy NGC 2403 at 3.2 Mpc*”

112. Pastorello, N., Forbes, D.A., Poci, A., **Romanowsky, A.J.**, McDermid, R., Alabi, A.B., Brodie, J.P., Cappellari, M., Pota, V., Foster, C. 2016, Publ. Astron. Soc. Aust., 33, e035 (16 pp), “*The SLUGGS survey: a new mask design to reconstructing the stellar population and kinematics of both inner and outer galaxy regions*”
111. Janz, J., Cappellari, M., **Romanowsky, A.J.**, Ciotti, L., Alabi, A., Forbes, D.A. 2016, Mon. Not. R. Astron. Soc., 461, 2367–2373, “*The mass discrepancy acceleration relation in early-type galaxies: extended mass profiles and the phantom menace to MOND*”
110. Alabi, A., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Strader, J., Janz, J., Pota, V., Pastorello, N., Usher, C., Spitler L.R., Foster, C., Jennings, Z.G., Villaume, A., Kartha, S. 2016, Mon. Not. R. Astron. Soc., 460, 3838–3860, “*The SLUGGS Survey: the mass distribution in early-type galaxies within five effective radii and beyond*”
108. Toloba E., Guhathakurta P., **Romanowsky A.J.**, Brodie J.P., Martínez-Delgado D., Arnold J.A., Ramachandran N., Theakanath K. 2016, Astrophys. J., 824, 35 (11pp), “*New surface brightness fluctuations spectroscopic technique: NGC 4449 and its stellar tidal stream*”
107. Lin, D., Carrasco, E.R., Webb, N.A., Irwin, J.A., Dupke, R., **Romanowsky, A.J.**, Ramirez-Ruiz, E., Strader, J., Homan, J., Barret, D., Godet, O. 2016, Astrophys. J., 821, 25 (12pp), “*Discovery of the candidate off-nuclear ultrasoft hyper-luminous X-ray source 3XMM J141711.1+522541*”
- \*106. Martínez-Delgado D., Läsker R., Sharina M., Toloba E., Fliri J., Beaton R., Valls-Gabaud D., Karachentsev I.D., Chonis T.S., Grebel E.K., Forbes D.A., **Romanowsky A.J.**, Gallego-Laborda J., Teuwen K., Gómez-Flechoso M.A., Wang J., Guhathakurta P., Kaisin S., Ho N. 2016, Astronom. J., 151, 96 (13pp), “*Discovery of an ultra-diffuse galaxy in the Pisces–Perseus supercluster*”
105. Kartha, S.S., Forbes, D.A., Alabi, A.B., Brodie, J.P., **Romanowsky, A.J.**, Strader, J., Spitler, L.R., Jennings, Z.G., Roediger, J.C. 2016, Mon. Not. R. Astron. Soc., 458, 105–126, “*The SLUGGS survey: exploring the globular cluster systems of the Leo II group and their global relationships*”
103. Forbes, D.A., Alabi, A., **Romanowsky, A.J.**, Brodie, J.P., Strader, J., Usher, C., Pota, V. 2016, Mon. Not. Lett. R. Astron. Soc., 458, L44–L48, “*The SLUGGS Survey: globular clusters and the dark matter content of early-type galaxies*”
102. Forbes, D.A., **Romanowsky, A.J.**, Pastorello, N., Foster, C., Brodie, J.P., Strader, J., Usher, C., Pota, V. 2016, Mon. Not. R. Astron. Soc., 457, 1242–1256, “*The SLUGGS Survey: the assembly histories of individual early-type galaxies*”
- \*100. Foster C., Pastorello N., Roediger J., Brodie J.P., Forbes D.A., Kartha S.S., Pota V., **Romanowsky A.J.**, Spitler L.R., Strader J., Usher, C., Arnold J.A. 2016, Mon. Not. R. Astron. Soc., 457, 147–171, “*The SLUGGS Survey: stellar kinematics, kinemetry and trends at large radii in 25 early-type galaxies*”
99. Cortesi A., Chies-Santos A.L., Pota V., Foster C., Coccato L., Mendes de Oliveira C., Forbes D.A., Merrifield M.M., Bamford S.P., **Romanowsky A.J.**, Brodie J.P., Kartha S.S., Alabi A.B., Proctor R.N., Almeida A. 2016, Mon. Not. R. Astron. Soc., 456, 2611–2621, “*The SLUGGS survey: chromodynamical modelling of the lenticular galaxy NGC 1023*”
98. Janz, J., Norris, M.A., Forbes, D.A., Huxor, A., **Romanowsky, A.J.**, Frank, M. J., Escudero, C.G., Faifer, F.R., Forte, J.C., Kannappan, S.J., Maraston, C., Brodie, J.P., Strader, J., Thompson, B.R. 2016, Mon. Not. R. Astron. Soc., 456, 617–632, “*The AIMSS Project – III. The stellar populations of compact stellar systems*”



96. Capaccioli M., Spavone M., Grado A., Iodice E., Limatola L., Napolitano N.R., Cantiello M., Paolillo M., **Romanowsky A.J.**, Forbes D.A., Puzia T.H., Raimondo G., Schipani P. 2015, *Astron. Astrophys.*, 581, A10 (35pp), “*VEGAS: A VST Early-type Galaxy Survey. I. Presentation, wide-field surface photometry, and substructures in NGC 4472*”
95. Alabi A., Foster C., Forbes D.A., **Romanowsky A.J.**, Pastorello N., Brodie J.P., Spitler L.R., Strader J., Usher C. 2015, *Mon. Not. R. Astron. Soc.*, 452, 2208–2219, “*The SLUGGS survey: globular cluster kinematics in a ‘double sigma’ galaxy – NGC 4473*”
93. Forbes D.A., Pastorello N., **Romanowsky A.**, Usher C., Brodie J.P., Strader J. 2015, *Mon. Not. R. Astron. Soc.*, 452, 1045–1051, “*The SLUGGS survey: inferring the formation epochs of metal-poor and metal-rich globular clusters*”
92. Lin D., Irwin J.A., Wong K.-W., Jennings Z.G., Homan J., **Romanowsky A.J.**, Strader J., Brodie J.P., Sivakoff G.R., Remillard R.A. 2015, *Astrophys. J.*, 808, 20 (11pp), “*The megasecond Chandra X-ray visionary project observation of NGC 3115 (III): luminosity functions of LMXBs and dependence on stellar environments*”
91. Lin D., Irwin J.A., Wong K.-W., Jennings Z.G., Homan J., **Romanowsky A.J.**, Strader J., Sivakoff G.R., Brodie J.P., Remillard R.A. 2015, *Astrophys. J.*, 808, 19 (21 pp), “*The megasecond Chandra X-ray visionary project observation of NGC 3115 (II): properties of point sources*”
90. Spiniello C., Napolitano N.R., Coccato L., Pota V., **Romanowsky A.J.**, Tortora C., Covone G., Capaccioni, M. 2015, *Mon. Not. R. Astron. Soc.*, 452, 99–114, “*VIMOS mosaic integral-field spectroscopy of the bulge and disc of the early-type galaxy NGC 4697*”
89. Pastorello N., Forbes D.A., Usher C., Brodie J.P., **Romanowsky A.J.**, Strader J., Spitler L.R., Alabi A.B., Foster C., Jennings Z.G., Kartha S.S., Pota V. 2015, *Mon. Not. R. Astron. Soc.*, 451, 2625–2639, “*The SLUGGS survey: combining stellar and globular cluster metallicities in the outer regions of early-type galaxies*”
- \*87. van Dokkum P.G., **Romanowsky A.J.**, Abraham R., Brodie J.P., Conroy C., Geha M., Merritt A., Villaume A., Zhang J. 2015, *Astrophys. J. Lett.*, 804, L26 (5pp), “*Spectroscopic confirmation of the existence of large, diffuse galaxies in the Coma cluster*”
86. Pota V., Brodie J.P., Bridges T., Strader J., **Romanowsky A.J.**, Villaume A., Jennings Z., Faifer F.R., Pastorello N., Forbes D.A., Campbell A., Usher C., Foster C., Spitler L.R., Caldwell N., Forte J.C., Norris M.A., Zepf S.E., Beasley M.A., Gebhardt K., Hanes D.A., Sharples R.M., Arnold J.A. 2015, *Mon. Not. R. Astron. Soc.*, 450, 1962–1983, “*A SLUGGS and Gemini/GMOS combined study of the elliptical galaxy M60: wide-field photometry and kinematics of the globular cluster system*”
84. Janz J., Forbes D.A., Norris M.A., Strader J., Penny S.J., Fagioli M., **Romanowsky A.J.** 2015, *Mon. Not. R. Astron. Soc.*, 449, 1716–1730, “*How elevated is the dynamical-to-stellar mass ratio of the ultra-compact dwarf S999?*”
83. Cantiello M., Capaccioli M., Napolitano N., Grado A., Limatola L., Paolillo M., Iodice E., **Romanowsky A.J.**, Forbes D.A., Raimondo, G., Spavone M., La Barbera F., Puzia T.H., Schipani P. 2015, *Astron. Astrophys.*, 576, A14 (19pp), “*VEGAS-SSS. A VST early-type galaxy survey: analysis of small stellar systems. Testing the methodology on the globular cluster system in NGC 3115*”
82. Peacock M.B., Strader J., **Romanowsky A.J.**, Brodie J.P. 2015, *Astrophys. J.*, 800, 13 (17pp), “*Detection of a distinct metal-poor stellar halo in the early-type galaxy NGC 3115*”

81. Usher C., Forbes D.A., Brodie J.P., **Romanowsky A.J.**, Strader J., Conroy C., Foster C., Pastorello N., Pota V., Arnold J.A. 2015, Mon. Not. R. Astron. Soc., 446, 369–390, “*The SLUGGS survey: globular cluster stellar populations from weak absorption lines in stacked spectra*”
79. Tortora C., Napolitano N.R., Saglia R.P., **Romanowsky A.J.**, Covone G., Capaccioli M. 2014, Mon. Not. R. Astron. Soc., 445, 162–174, “*Evolution of central dark matter of early-type galaxies up to  $z \sim 0.8$* ”
78. Tortora C., La Barbera F., Napolitano N.R., **Romanowsky A.J.**, Ferreras I., de Carvalho R.R. 2014, Mon. Not. R. Astron. Soc., 445, 115–127, “*Systematic variations of central mass density slopes in early-type galaxies*”
77. Forbes D.A., Norris M.A., Strader J., **Romanowsky A.J.**, Pota V., Kannappan S.J., Brodie J.P., Huxor A. 2014, Mon. Not. R. Astron. Soc., 444, 2993–3003, “*The AIMSS Project – II. Dynamical-to-stellar mass ratios across the star cluster–galaxy divide*”
- \*74. Norris, M.A., Kannappan, S.J., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Faifer, F.R., Huxor, A., Maraston, C., Moffett, A.J., Penny, S.J., Pota, V., Smith-Castelli, A., Strader, J., Bradley, D., Eckert, K., Fohring, D., McBride, J., Stark, D., Vaduvescu, O. 2014, Mon. Not. R. Astron. Soc., 443, 1151–1172, “*The AIMSS Project – I. Bridging the star cluster–galaxy divide*”
72. Agnello, A., Evans, N.W., **Romanowsky, A.J.**, Brodie, J.P. 2014, Mon. Not. R. Astron. Soc., 442, 3299–3314, “*Dynamical models of elliptical galaxies – II. M87 and its globular clusters*”
71. Agnello, A., Evans, N.W., **Romanowsky, A.J.** 2014, Mon. Not. R. Astron. Soc., 442, 3284–3298, “*Dynamical models of elliptical galaxies – I. Simple methods*”
70. Jennings, Z.G., Strader, J., **Romanowsky, A.J.**, Brodie, J.P., Arnold, J.A., Lin, D., Irwin, J.A., Sivakoff, G.R., Wong, K.-W. 2014, Astron. J., 148, 32 (16pp), “*The SLUGGS Survey: HST/ACS mosaic imaging of the NGC 3115 globular cluster system*”
69. Pastorello, N., Forbes, D.A., Foster, C., Brodie, J.P., Usher, C., **Romanowsky A.J.**, Strader, J., Arnold, J.A. 2014, Mon. Not. R. Astron. Soc., 442, 1003–1039, “*The SLUGGS survey: exploring the metallicity gradients of nearby early-type galaxies to large radii*”
68. Caldwell, C., Strader, J., **Romanowsky, A.J.**, Brodie, J.P., Moore, B., Diemand, J., Martizzi, D. 2014, Astrophys. J. Lett., 787, L11 (5pp), “*A globular cluster toward M87 with a radial velocity  $< -1000 \text{ km s}^{-1}$ : the first hypervelocity cluster*”
67. Penny, S.J., Forbes, D.A., Strader, J., Usher, C., Brodie, J.P., **Romanowsky, A.J.** 2014, Mon. Not. R. Astron. Soc., 439, 3808–3816, “*Ultracompact dwarfs in the Perseus Cluster: UCD formation via tidal stripping*”
66. Blom, C., Forbes, D.A., Foster, C., **Romanowsky, A.J.**, Brodie, J.P. 2014, Mon. Not. R. Astron. Soc., 439, 2420–2431, “*The SLUGGS Survey: new evidence for a tidal interaction between the early-type galaxies NGC 4365 and NGC 4342*”
65. Napolitano, N.R., Pota, V., **Romanowsky, A.J.**, Forbes, D.A., Brodie, J.P., Foster, C. 2014, Mon. Not. R. Astron. Soc., 439, 659–672, “*The SLUGGS survey: breaking degeneracies between dark matter, anisotropy and the IMF using globular cluster subpopulations in the giant elliptical NGC 5846*”
63. Kartha, S.S., Forbes, D.A., Spitler, L.R., **Romanowsky, A.J.**, Arnold, J.A., Brodie, J.P. 2014, Mon. Not. R. Astron. Soc., 437, 273–292, “*The SLUGGS survey: the globular cluster systems of three early-type galaxies using wide-field imaging*”

62. Usher, C., Forbes, D.A., Spitler, L.R., Brodie, J.P., **Romanowsky, A.J.**, Strader, J., Woodley, K.A. 2013, Mon. Not. R. Astron. Soc., 436, 1172–1190, “*The SLUGGS survey: wide field imaging of the globular cluster system of NGC 4278*”
61. Foster, C., Arnold, J.A., Forbes, D.A., Pastorello, N., **Romanowsky, A.J.**, Spitler, L.R., Strader, J., Brodie, J.P. 2013, Mon. Not. R. Astron. Soc., 435, 3587–3591, “*The SLUGGS survey: outer triaxiality in the fast rotator elliptical NGC 4473*”
60. Forbes, D.A., Pota, V., Usher, C., Strader, J., **Romanowsky, A.J.**, Brodie, J.P., Arnold, J.A., Spitler, L.R. 2013, Mon. Not. Lett. R. Astron. Soc., 435, L6–L10, “*Filling the gap: a new class of old star cluster?*”
59. Strader, J., Seth, A.C., Forbes, D.A., Fabbiano, G., **Romanowsky, A.J.**, Brodie, J.P., Conroy, C., Caldwell, N., Pota, V., Usher, C., Arnold, J.A. 2013, Astrophys. J. Lett., 775, L6 (6pp), “*The densest galaxy*”
58. Caso, J.P., Richtler, T., Bassino, L.P., Salinas, R., Lane, R.R., **Romanowsky, A.** 2013, Astron. Astrophys., 555, A56 (8 pp), “*The paucity of globular clusters around the field elliptical NGC 7507*”
57. Pota, V., Graham, A.W., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Strader, J. 2013, Mon. Not. R. Astron. Soc., 433, 235–242, “*The SLUGGS survey: probing the supermassive black hole connection with bulges and haloes using red and blue globular cluster systems*”
56. Cortesi, A., Merrifield, M.R., Coccato, L., Arnaboldi, M., Gerhard, O., Bamford, S., Napolitano, N.R., **Romanowsky, A.J.**, Douglas, N.G., Kuijken, K., Capaccioli, M., Freeman, K.C., Saha, K., Chies-Santos, A.L. 2013, Mon. Not. R. Astron. Soc., 432, 1010–1020, “*Planetary Nebula Spectrograph survey of S0 galaxy kinematics – II. Clues to the origins of S0 galaxies*”
53. Cortesi, A., Arnaboldi, M., Coccato, L., Merrifield, M.R., Gerhard, O., Bamford, S., **Romanowsky, A.J.**, Napolitano, N.R., Douglas, N.G., Kuijken, K., Capaccioli, M., Freeman, K.C., Chies-Santos, A.L., Pota, V., 2013, Astron. Astrophys., 549, A115 (12pp), “*The Planetary Nebula Spectrograph survey of S0 galaxy kinematics. Data and overview*”
- \*52. Pota, V., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Spitler, L.R., Strader, J., Foster, C., Arnold, J.A., Benson, A., Blom, C., Hargis, J.R., Rhode, K.L., & Usher, C. 2013, Mon. Not. R. Astron. Soc., 428, 389–420, “*The SLUGGS Survey: kinematics for over 2500 globular clusters in twelve early-type galaxies*”
50. Brodie, J.P., Usher, C., Conroy, C., Strader, J., Arnold, J.A., Forbes, D.A., **Romanowsky, A.J.** 2012, Astrophys. J. Lett., 759, L33 (6pp), “*The SLUGGS Survey: NGC 3115, a critical test case for metallicity bimodality in globular cluster systems*”
49. Blom, C., Forbes, D.A., Brodie, J.P., Foster, C., **Romanowsky, A.J.**, Spitler, L.R., & Strader, J. 2012, Mon. Not. R. Astron. Soc., 426, 1959–1971, “*The SLUGGS survey: globular cluster system kinematics and substructure in NGC 4365*”
48. Usher, C., Forbes, D.A., Brodie, J.P., Foster, C., Spitler, L.R., Arnold, J.A., **Romanowsky, A.J.**, Strader, J., & Pota, V. 2012, Mon. Not. R. Astron. Soc., 426, 1475–1495, “*The SLUGGS survey: calcium triplet-based spectroscopic metallicities for over 900 globular clusters*”
47. Forbes, D.A., Cortesi, A., Pota, V., Foster, C., **Romanowsky, A.J.**, Merrifield, M.R., Brodie, J.P., Strader, J., Coccato, L., Napolitano, N. 2012, Mon. Not. R. Astron. Soc., 426, 975–982, “*Radially extended kinematics in the S0 galaxy NGC 2768 from planetary nebulae, globular clusters and starlight*”

46. Tortora, C., La Barbera, F., Napolitano, N.R., de Carvalho, R.R., & **Romanowsky, A.J.** 2012, *Mon. Not. R. Astron. Soc.*, 425, 577–594, “*SPIDER - VI. The central dark matter content of luminous early-type galaxies: benchmark correlations with mass, structural parameters and environment*”
45. Richtler, T., Kumar, B., Bassino, L., Dirsch, B., & **Romanowsky, A.J.** 2012, *Astron. Astrophys.*, 543, L7 (4pp), “*The globular cluster system of NGC 1316. II. The extraordinary object SH2*”
42. Napolitano, N.R., Capozziello, S., **Romanowsky, A.J.**, Capaccioli, M., & Tortora, C. 2012, *Astrophys. J.*, 748, 87 (6pp), “*Testing Yukawa-like potentials from  $f(R)$ -gravity in elliptical galaxies*”
40. Salinas, R., Richtler, T., Bassino, L.P., **Romanowsky, A.J.**, & Schuberth, Y. 2012, *Astron. Astrophys.*, 538, A87 (17pp), “*Kinematic properties of the field elliptical NGC 7507*”
39. Tortora, C., Napolitano, N.R., **Romanowsky, A.J.**, Jetzer, Ph., Cardone, V.F., & Capaccioli, M. 2011, *Mon. Not. R. Astron. Soc.*, 418, 1557–1564, “*Stellar mass-to-light ratio gradients in galaxies: correlations with mass*”
- \*36. Trujillo-Gomez, S., Klypin, A., Primack, J., & **Romanowsky, A.J.** 2011, *Astrophys. J.*, 742, 16 (23pp), “*Galaxies in  $\Lambda$ CDM with Halo Abundance Matching: luminosity-velocity relation, baryonic mass-velocity relation, velocity function, and clustering*”
35. Foster, C., Spitler L.R., **Romanowsky, A.J.**, Forbes, D.A., Pota, V., Bekki, K., Strader, J., Proctor, R.N., Arnold, J.A., & Brodie, J.P. 2011, *Mon. Not. R. Astron. Soc.*, 415, 3393–3416, “*Global properties of ‘ordinary’ early-type galaxies: photometry and spectroscopy of stars and globular clusters in NGC 4494*”
- \*33. Levan, A.J., Tanvir N.R., Cenko S.B., Perley D.A., Wiersema K., Bloom J.S., Fruchter A.S., de Ugarte Postigo A., O’Brien P.T., Butler N., van der Horst A.J., Leloudas G., Morgan A.N., Misra K., Bower G.C., Farihi J., Tunnicliffe R.L., Modjaz M., Silverman J.M., Hjorth J., Thöne C., Cucchiara A., Castro Cerón J.M., Castro-Tirado A.J., Arnold J.A., Bremer M., Brodie J.P., Carroll T., Cooper M.C., Curran P.A., Cutri R.M., Ehle J., Forbes D., Fynbo J., Gorosabel J., Graham J., Hoffman D.I., Guziy S., Jakobsson P., Kamble A., Kerr T., Kasliwal M.M., Kouveliotou C., Kocevski D., Law N.M., Nugent P.E., Ofek E.O., Poznanski D., Quimby R.M., Rol E., **Romanowsky A.J.**, Sánchez-Ramírez R., Schulze S., Singh N., van Spaandonk L., Starling R.L.C., Strom R.G., Tello J.C., Vaduvescu O., Wheatley P.J., Wijers R.A.M.J., Winters J.M., Xu D. 2011, *Science*, 333, 199, “*An extremely luminous panchromatic outburst from the nucleus of a distant galaxy*”
32. Richtler, T., Salinas, R., Misgeld, I., Hilker, M., Hau, G. K. T., **Romanowsky, A. J.**, Schuberth, Y., & Spolaor, M. 2011, *Astron. Astrophys.*, 531, A119 (8pp), “*The dark halo of the Hydra I galaxy cluster: core, cusp, cosmological? Dynamics of NGC 3311 and its globular cluster system*”
31. Cortesi, A., Merrifield, M. R., Arnaboldi, M., Gerhard, O., Martinez-Valpuesta, I., Saha, K., Coccato, L., Bamford, S., Napolitano, N. R., Douglas, N. G., Kuijken, K., **Romanowsky, A. J.**, Capaccioli, M., & Freeman, K. C. 2011, *Mon. Not. R. Astron. Soc.*, 414, 642–651, “*Unravelling the origins of S0 galaxies using maximum likelihood analysis of planetary nebulae kinematics*”
30. Forbes, D.A., Spitler, L.R., Strader, J., **Romanowsky, A.J.**, Brodie, J.P., & Foster, C. 2011, *Mon. Not. R. Astron. Soc.*, 413, 2943–2949, “*Evidence for two phases of galaxy formation from radial trends in the globular cluster system of NGC 1407*”

29. Vanderbeke, J., Baes, M., **Romanowsky, A.J.**, & Schmidtobreick, L. 2011, Mon. Not. R. Astron. Soc., 412, 2017–2025, “*Optical and near-infrared velocity dispersions of early-type galaxies*”
28. Salinas, R., Richtler, T., West, M.J., **Romanowsky, A.J.**, Lloyd-Davies, E., & Schuberth, Y. 2011, Astron. Astrophys., 528, A61 (9pp), “*Crazy heart: kinematics of the “star pile” in Abell 545*”
26. Morrison, H., Caldwell, N., Schiavon, R.P., Athanassoula, E., **Romanowsky, A.J.**, & Harding, P. 2011, Astrophys. J. Lett., 726, L9 (4pp), “*Star clusters in M31: Old clusters with bar kinematics*”
25. Tortora, C., Napolitano, N.R., **Romanowsky, A.J.**, & Jetzer, P. 2010, Astrophys. J. Lett., 721, L1–L5, “*Central dark matter trends in early-type galaxies from strong lensing, dynamics, and stellar populations*”
- \*23. Schuberth, Y., Richtler, T., Hilker, M., Dirsch, B., Bassino, L., **Romanowsky, A.J.**, & Infante, L. 2010, Astron. Astrophys., 513, A52 (30pp), “*The globular cluster system of NGC 1399. V. Dynamics of the cluster system out to 80 kpc*”
22. Proctor, R.N., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Strader, J., Spolaor, M., Mendel, J.T., & Spitler, L. 2009, Mon. Not. R. Astron. Soc., 398, 91–108, “*Probing the 2D kinematic structure of early-type galaxies out to 3 effective radii*”
19. De Lorenzi, F., Gerhard, O., Coccato, L., Arnaboldi, M., Capaccioli, M., Douglas, N.G., Freeman, K.C., Kuijken, K., Merrifield, M.R., Napolitano, N.R., Noordermeer, E., **Romanowsky, A.J.**, & Debattista, V.P. 2009, Mon. Not. R. Astron. Soc., 395, 76–96, “*Dearth of dark matter or massive dark halo? Mass-shape-anisotropy degeneracies revealed by NMAGIC dynamical models of the elliptical galaxy NGC 3379*”
- \*18. Coccato, L., Gerhard, O., Arnaboldi, M., Das, P., Douglas, N.G., Kuijken, K., Merrifield, M.R., Napolitano, N.R., Noordermeer, E., **Romanowsky, A.J.**, Capaccioli, M., Cortesi, A., De Lorenzi, F., & Freeman, K.C. 2009, Mon. Not. R. Astron. Soc., 394, 1249–1283, “*Kinematic properties of early-type galaxy haloes using planetary nebulae*”
16. Noordermeer, E., Merrifield, M.R., Coccato, L., Arnaboldi, M., Capaccioli, M., Douglas, N.G., Freeman, K.C., Gerhard, O., Kuijken, K., De Lorenzi, F., Napolitano, N.R., & **Romanowsky, A.J.** 2008, Mon. Not. R. Astron. Soc., 384, 943–952, “*Testing the nature of S0 galaxies using planetary nebula kinematics in NGC 1023*”
15. Richtler, T., Schuberth, Y., Hilker, M., Dirsch, B., Bassino, L., & **Romanowsky, A.J.** 2008, Astron. Astrophys., 478, L23–L26, “*The dark matter halo of NGC 1399 - CDM or MOND?*”
14. Salinas, R., Richtler, T., **Romanowsky, A.J.**, West, M.J., & Schuberth, Y. 2007, Astron. Astrophys., 475, 507–512, “*The star pile in Abell 545*”
12. Gieren, W., Pietrzyński, G., Nalewajko, J., Soszyński, I., Bresolin, F., Kudritzki, R.-P., Minniti, D., & **Romanowsky, A.** 2006, Astrophys. J., 647, 1056–1064, “*The Araucaria Project. An accurate distance to NGC 6822 from near-infrared photometry of Cepheid variables*”
11. Merrett, H.R., Merrifield, M.R., Douglas, N.G., Kuijken, K., **Romanowsky, A.J.**, Napolitano, N.R., Arnaboldi, M., Capaccioli, M., Freeman, K.C., Gerhard, O., Coccato, L., Carter, D., Evans, N.W., Wilkinson, M.I., Halliday, C., & Bridges, T.J. 2006, Mon. Not. R. Astron. Soc., 369, 120–142, “*A deep kinematic survey of planetary nebulae in the Andromeda Galaxy using the Planetary Nebula Spectrograph*”

10. Halliday, C., Carter, D., Bridges, T.J., Jackson, Z.C., Wilkinson, M.I., Quinn, D.P., Evans, N.W., Douglas, N.G., Merrett, H.R., Merrifield, M.R., **Romanowsky, A.J.**, Kuijken, K., & Irwin, M.J. 2006, Mon. Not. R. Astron. Soc., 369, 97–119, “*Planetary nebula velocities in the disk and bulge of M31*”
9. Bergond, G., Zepf, S.E., **Romanowsky, A. .**, Sharples, R.M., & Rhode, K.L. 2006, Astron. Astrophys., 448, 155–164 (erratum 2018, 618, C5), “*Wide-field kinematics of globular clusters in the Leo I group*”
7. Merrett, H.R., Kuijken, K., Merrifield, M.R., **Romanowsky, A.J.**, Douglas, N.G., Napolitano, N.R., Arnaboldi, M., Capaccioli, M., Freeman, K.C., Gerhard, O., Evans, N.W., Wilkinson, M.I., Halliday, C., Bridges, T.J., & Carter, D. 2003, Mon. Not. R. Astron. Soc., 346, L62–L66, “*Tracing the star stream through M31 using planetary nebula kinematics*”
5. Douglas, N.G., Arnaboldi, M., Freeman, K.C., Kuijken, K., Merrifield, M.R., **Romanowsky, A.J.**, Taylor, K., Capaccioli, M., Axelrod, T., Gilmozzi, R., Hart, J., Bloxham, G., & Jones, D. 2002, Pub. Astron. Soc. Pac., 114, 1234–1251, “*The Planetary Nebula Spectrograph: the green light for galaxy kinematics*”

**Unrefereed publications:** (15 papers, 3+ citations)

- Romanowsky A.J.**, Cabrera E., Janssens S.R. 2024, Research Notes AAS, 8, 202, “*A candidate dark matter deficient dwarf galaxy in the Fornax cluster identified through overluminous star clusters*”
- van Dokkum P., Li D.D., Abraham R., Danieli S., Eadie G.M., Harris W.E., **Romanowsky A.J.** 2024, Research Notes AAS, 8, 135, “*Deep HST/UVIS imaging of the candidate dark galaxy CDG-1*”
- Westfall K., MacDonald N., Kupke R., Savage M., Poppett C., Alabi A., Becker G., Burchett, J., Capak P., Coil A., Cooper M., Cowley D., Deich W., Dillon D., Edelman J., Guhathakurta P., Hennawi J., Kassis M., Lee K.-G., Masters D., Miller T., Newman J., O’Meara J., Prochaska J.X., Rau M., Rhodes J., Rich R.M., Rockosi C., **Romanowsky A.**, Schafer C., Schlegel D., Shapley A., Siana B., Ting Y.-S., Weisz D., White M., Williams B., Wilson G., Wilson M., Yan R., 2019, Astro2020 APC White Paper, arXiv:1907.07195, “*FOBOS: a next-generation spectroscopic facility*”
- van Dokkum P., Danieli S., **Romanowsky A.**, Abraham R., Conroy C. 2019, Research Notes AAS, 3, 29, “*The distance to NGC 1042 in the context of its proposed association with the dark matter-deficient galaxies NGC 1052-DF2 and NGC 1052-DF4*”
- van Dokkum P., Cohen Y., Danieli S., **Romanowsky A.**, Abraham R., Brodie J., Conroy C., Kruijssen J.M.D., Lokhorst D., Merritt A., Mowla L., Zhang J. 2018, Research Notes AAS, 2, 54, “*A revised velocity for the globular cluster GC-98 in the ultra diffuse galaxy NGC1052-DF2*”
- Abraham, R., Danieli, S., van Dokkum, P., Conroy, C., Kruijssen, J.M.D., Cohen, Y., Merritt, A., Zhang, J., Lokhorst, D., Mowla, L., Brodie, J., **Romanowsky, A.J.**, Janssens, S. 2018, Research Notes AAS, 2, 16, “*The Maybe Stream: a possible cold stellar stream in the ultra-diffuse galaxy NGC1052-DF2*”
- Forbes, D.A., Janz, J., Norris, M.A., Penny, S., **Romanowsky, A.J.**, Masi, G., Nocentini, F., Schmeer, P., Yusa T. 2014, CBET, 3838, 1, “*Supernova 2014ai in NGC 2832 = Psn J09194417 +3345496*”
- Cenko, S.B., Perley, D.A., Bloom, J.S., Hurley, K., Prochaska, J.X., Brodie, J., Singh, N., Arnold, J., **Romanowsky, A.**, Forbes, J.C., Forbes, D. 2011, GRB Coord. Network, 11874, 1, “*GRB 110328A / Swift J164449.3+573451: Keck/DEIMOS optical spectroscopy*”
- Romanowsky, A.J.**, Brodie, J.P., Bullock, J.S., Ciardullo, R., Guhathakurta, P., Hoffman, L., Olsen, K.A.G., Primack, J.R., & van de Ven, G., Astro2010 Science White Paper, “*Structure and substructure of galactic spheroids*”, arXiv:0902.3025
- Olsen, K.A.G., **Romanowsky, A.J.**, Saha, A., Skillman, E., Williams, B.F., & Wyse, R.F.G., Astro2010 Science White Paper, “*The star formation histories of disk and E/S0 galaxies from resolved stars*”, arXiv:0902.4216
- Berger, E., **Romanowsky, A.**, Vega, C. 2006, GRB Coord. Network, 5929, 1, “*GRB 061217: Magellan Observations*”
- Romanowsky, A.J.**, Richtler, T.R. 2006, Newsletter de SOCHIAS, 4, 5–8, “*Spotlight on dark matter in  $L^*$  ellipticals*”
- Merrifield, M.R., Douglas, N.G., Kuijken, K., & **Romanowsky, A.J.** 2001, The ING Newsletter, 5, 17, “*The Planetary Nebula Spectrograph successfully commissioned*”

**Romanowsky, A.J.**, Douglas, N.G., Arnaboldi, M., & Kuijken, K. 2001, The ING Newsletter, 4, 23–25, “*Extragalactic planetary nebula kinematics with the WHT*”

Gerssen, J., **Romanowsky, A.J.**, Douglas, N.G., Kuijken, K., Merrifield, M.R., & Mathieu, A. 2000, in *Stellar Kinematics in Disk Galaxies*, Ph.D. Thesis, Rijksuniversiteit Groningen, 63–71, “*Dark halos in S0 galaxies: NGC 5866*”

**Conference proceedings** (partial listing): (*47 papers, 77 citations*)

Irwin, J., Wong, K., Strader, J., **Romanowsky, A.**, Sivakoff, G., Yukita, M., Million, E., Su, Y., Mathews, W., Quataert, E., Brody, J., Larsen, S. 2012, Bull. Amer. Astron. Soc., 44, 4, 307.05, “*The Chandra Legacy 1 megasecond observation of NGC 3115*”

Tortora, C., Napolitano, N.R., **Romanowsky, A.J.**, Jetzer, P. 2012, Mem. S.A.It. Suppl. 19, 302–305, “*Central dark matter trends in early-type galaxies*”

**Romanowsky, A.J.** 2012, Bull. Amer. Astron. Soc., 44, 2, 441.04, “*The eating habits of giants and dwarfs: chemo-dynamics of halo assembly in nearby galaxies*”

Cocato, L., Gerhard, O., Arnaboldi, M., Das, P., Douglas, N.G., Kuijken, K., Merrifield, M.R., Napolitano, N.R., Noordermeer, E., **Romanowsky, A.J.**, Capaccioli, M., Cortesi, A., De Lorenzi, F., & Freeman, K.C. 2010, in *Highlights of Astronomy*, Vol. 15, ed. I.F. Corbett (Cambridge: Cambridge Univ. Press), 68, “*Kinematic properties of early-type galaxy halos using planetary nebulae*”

Proctor, R.N., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Strader, J., Spolaor, M., Mendel, J.T., & Spitler, L. 2010, in *Highlights of Astronomy*, Vol. 15, ed. I.F. Corbett (Cambridge: Cambridge Univ. Press), 67, “*Probing the 2-D kinematic structure of early-type galaxies out to 3 effective radii*”

**Romanowsky, A.J.** 2010, in *Hunting for the Dark: The Hidden Side of Galaxy Formation*, ed. V.P. Debattista & C.C. Popescu (New York: AIP), 1240, 351–354, “*Digging for formational clues in the halos of early-type galaxies*”

Proctor, R.N., Forbes, D.A., **Romanowsky, A.J.**, Brodie, J.P., Strader, J., Spolaor, M., Mendel, J.T., & Spitler, L. 2010, in *Hunting for the Dark: The Hidden Side of Galaxy Formation*, ed. V.P. Debattista & C.C. Popescu (New York: AIP), 1240, 339–342, “*Probing the 2-D kinematic structure of early-type galaxies out to 3 effective radii*”

Cortesi, A., Merrifield, M.R., Noordermeer, E., Cocato, L., Bamford, S., Napolitano, N.R., Arnaboldi, M., Gerhard, O., **Romanowsky, A.J.**, Das, P., Douglas, N.G., Kuijken, K., Freeman, K.C., & Capaccioli, M. 2010, in *Hunting for the Dark: The Hidden Side of Galaxy Formation*, ed. V.P. Debattista & C.C. Popescu (New York: AIP), 1240, 289–290, “*Revealing S0 galaxies’ formation histories using the stellar kinematics of the faint outer disks*”

Zepf, S.E., Bergond, G., Gebhardt, K., Kundu, A., Rhode, K., **Romanowsky, A.**, & Shen, J. 2010, Bull. Amer. Astron. Soc., 41, 529 (347.07), “*Constraints on the black hole mass and dark matter halo of NGC 4472 from globular cluster kinematics*”

Das, P., Gerhard, O., Cocato, L., Churazov, E., Forman, W., Finoguenov, A., Böhringer, H., Arnaboldi, M., Capaccioli, M., Cortesi, A., de Lorenzi, F., Douglas, N.G., Freeman, K.C., Kuijken, K., Merrifield, M.R., Napolitano, N.R., Noordermeer, E., & **Romanowsky, A.J.** 2008, Astron. Nachr., 329, 940–943, “*The orbital structure of the massive elliptical galaxy, NGC 5846*”



- Cocato, L., Gerhard, O., Arnaboldi, M., Das, P., Douglas, N.G., Kuijken, K., Merrifield, M.R., Napolitano, N.R., Noordermeer, E., **Romanowsky, A.J.**, Capaccioli, M., Cortesi, A., De Lorenzi, F., & Freeman, K.C. 2008, *Astron. Nachr.*, 329, 912–915, “*Probing the early-type galaxy halos using planetary nebulae as kinematic tracers*”
- Johnson, R., Ponman, T.J., **Romanowsky, A.J.**, & O’Sullivan, E. 2008, in Proc. ESAC workshop, X-rays from Nearby Galaxies, ed. S. Carpano, M. Ehle & W. Pietsch, 120–123, “*Dark halos in early-type galaxies*”
- De Lorenzi, F., Gerhard, O., Debattista, V. P., Sambhus, N., Cocato, L., Arnaboldi, M., Capaccioli, M., Douglas, N. G., Freeman, K. C., Kuijken, K., Merrifield, M. R., Napolitano, N. R., Noordermeer, E., & **Romanowsky, A. J.** 2008, in Proc. IAU Symp. 245, Formation and Evolution of Galaxy Bulges, ed. M. Bureau, E. Athanassoula, & B. Barbuy (Cambridge: Cambridge Univ. Press), 27–30, “*Constraining the internal dynamics of stellar systems using the NMAGIC particle code*”
- Napolitano, N. R., **Romanowsky, A. J.**, Cocato, L., Capaccioli, M., Douglas, N. G., Noordermeer, E., Merrifield, M. R., Kuijken, K., Arnaboldi, M., Gerhard, O., Freeman, K.C., De Lorenzi, F., & Das, P. 2008, in Proc. IAU Symp. 244, Dark Galaxies & Lost Baryons, ed. J.I. Davies & M.J. Disney (Cambridge: Cambridge Univ. Press), 289–294, “*Dark-matter content of early-type galaxies with planetary nebulae*”
- Richtler T., Schuberth Y., & **Romanowsky, A.** 2009, in Globular Clusters – Guides to Galaxies, ed. T. Richtler & S. Larsen (Berlin: Springer), 453–454, “*The dark halo of NGC 1399 and MOND*”
- Romanowsky A. J.** 2009, in Globular Clusters – Guides to Galaxies, ed. T. Richtler & S. Larsen (Berlin: Springer), 433–443, “*Kinematics of globular cluster systems*”
- Romanowsky A. J.** 2007, in ESO Astrophysics Symp., Groups of Galaxies in the Nearby Universe, ed. I. Saviane, V.D. Ivanov & J. Borissova (Berlin: Springer), 385–389, “*Probing the environment with galaxy dynamics*”
- Romanowsky A. J.** 2006, in Proc. IAU Symp. 234, Planetary Nebulae in our Galaxy and Beyond, ed. M. J. Barlow & R. H. Méndez (Cambridge: Cambridge Univ. Press), 341–348 “*Planetary nebulae as mass tracers in galaxies*”
- Romanowsky A. J.** 2006, in XI IAU Regional Latin American Meeting of Astronomy, ed. L. Infante & M. Rubio, *RevMexAA SC*, 26, 198, “*Dynamics in galaxy halos*”
- Richtler T., Schuberth Y., & **Romanowsky A.J.** 2006, in XI IAU Regional Latin American Meeting of Astronomy, ed. L. Infante & M. Rubio, *RevMexAA SC*, 26, 198, “*NGC 1399 and MOND*”
- Romanowsky A. J.** 2006, in EAS Publications Series, Vol. 20, Mass Profiles and Shapes of Cosmological Structures, ed. G. A. Mamon, F. Combes, C. Deffayet, & B. Fort (Paris: EDP Sciences), 119–126, “*Elliptical galaxy halo masses from internal kinematics*”
- Napolitano, N. R., **Romanowsky, A. J.**, Capaccioli, M., Kuijken, K., Merrifield, M. R., Douglas, N. G., Arnaboldi, M., Freeman, K. C., & Gerhard, O. 2006, in ESO Astrophysics Symp., Planetary Nebulae beyond the Milky Way, ed. L. Stanghellini, J. R. Walsh, & N. G. Douglas (Berlin: Springer), 324–328, “*Planetary nebulae as dynamical tracers: mass-to-light-ratio gradients in early-type galaxies*”
- Romanowsky, A. J.** 2006, in ESO Astrophysics Symp., Planetary Nebulae beyond the Milky Way, ed. L. Stanghellini, J. R. Walsh, & N. G. Douglas (Berlin: Springer), 294–298, “*Probing halos with PNe: mass and angular momentum in early-type galaxies*”

- Merrett, M., Merrifield, M., Kuijken, K., **Romanowsky, A.**, Douglas, N., Napolitano, N., Arnaboldi, M., Capaccioli, M., Freeman, K., Gerhard, O., Carter, D., Evans, N. W., Wilkinson, W., Halliday, C., & Bridges, T. 2006, in ESO Astrophysics Symp., Planetary Nebulae beyond the Milky Way, ed. L. Stanghellini, J. R. Walsh, & N. G. Douglas (Berlin: Springer), 281–285, “*Mapping the stellar dynamics of M31*”
- Romanowsky, A. J.**, Napolitano, N. R., Capaccioli, M., Douglas, N. G., Merrifield, M. R., Kuijken, K., Arnaboldi, M., Gerhard, O., & Freeman, K. C., 2004, Bull. Amer. Astron. Soc., 36, 5, 1397 (31.07), “*Halo masses of early-type galaxies: theory vs observation*”
- Zepf, S. E., Bergond, G., **Romanowsky, A. J.**, Rhode, K. L., & Sharples, R. M., 2004, Bull. Amer. Astron. Soc., 36, 5, 1397 (31.04), “*Some dynamical constraints on the halo of NGC 3379 from wide-field spectroscopy of its globular cluster system*”
- Napolitano, N. R., **Romanowsky, A. J.**, Douglas, N. G., Capaccioli, M., Arnaboldi, M., Kuijken, K., Merrifield, M. R., Freeman, K. C., & Gerhard, O. 2004, Mem. S.A.It. Suppl., 5, 255-260, “*Galaxy dynamics with the Planetary Nebula Spectrograph*”
- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., Merrifield, M. R., Arnaboldi, M., Napolitano, N. R., Merrett, H., Capaccioli, M., Freeman, K. C., & Gerhard, O. 2004, in Proc. IAU Symp. 220, Dark Matter in Galaxies, ed. S. Ryder, D. J. Pisano, M. Walker, & K. Freeman (San Francisco: ASP), 165–170, “*Elliptical galaxies: darkly cloaked or scantily clad?*”
- Douglas, N. G., **Romanowsky, A. J.**, Kuijken, K., Merrifield, M. R., Napolitano, N. R., Arnaboldi, M., Freeman, K. C., Capaccioli, M., & Gerhard, O. 2004, in Proc. IAU Symp. 220, Dark Matter in Galaxies, ed. S. Ryder, D. J. Pisano, M. Walker, & K. Freeman (San Francisco: ASP), 171–172, “*Early-type galaxy halo dynamics inferred using the PN Spectrograph*”
- Napolitano, N. R., Capaccioli, M., Arnaboldi, M., Merrifield, M. R., Douglas, N. G., Kuijken, K., **Romanowsky, A. J.**, & Freeman, K. C. 2004, in Proc. IAU Symp. 220, Dark Matter in Galaxies, ed. S. Ryder, D. J. Pisano, M. Walker, & K. Freeman (San Francisco: ASP), 173–174, “*Is there a dichotomy in the dark matter as well as in the baryonic matter properties of ellipticals?*”
- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., Merrifield, M. R., Arnaboldi, M., Merrett, H., Napolitano, N. R., Capaccioli, M., Freeman, K. C., Bergond, G., Sharples, R. M., Zepf, S. E., & Rhode, K. L. 2003, Bull. Amer. Astron. Soc., 35, 5, 1312 (65.05), “*Halo tracers in nearby galaxies*”
- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., Arnaboldi, M., Gerssen, J., & Merrifield, M. R. 2003, in Proc. IAU Symp. 209, Planetary Nebulae: Their Evolution and Role in the Universe, ed. S. Kwok, M. Dopita, & R. Sutherland (San Francisco: ASP), 639–640, “*Modern techniques in galaxy kinematics: Results from planetary nebula spectroscopy*”
- Douglas, N. G., Kuijken, K., **Romanowsky, A. J.**, Merrifield, M. R., Arnaboldi, M., Freeman, K., & Taylor, K. 2003, in Proc. IAU Symp. 209, Planetary Nebulae: Their Evolution and Role in the Universe, ed. S. Kwok, M. Dopita, & R. Sutherland (San Francisco: ASP), 637–638, “*Modern techniques in galaxy kinematics: CDI and the Planetary Nebula Spectrograph*”

- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., Arnaboldi, M., Kissler-Patig, M., Sharples, R. M., Zepf, S. E., & Rhode, K. L. 2003, in ESO Astrophysics Symp., Extragalactic Globular Cluster Systems, ed. M. Kissler-Patig (Berlin: Springer), 310–313, “*Dynamics of stars and globular clusters in galaxy halos*”
- Romanowsky, A. J.**, Arnaboldi, M., Douglas, N. G., Kuijken, K., Merrifield, M. R., Freeman, K. C., & Gerssen, J. 2003, in Galaxy Evolution: Theory and Observations, ed. V. Avila-Reese, C. Firmani, C. S. Frenk, & C. Allen, RevMexAA SC 17, 45, “*Dynamical constraints on early-type galaxy halos*”
- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., Merrifield, M. R., Arnaboldi, M., Freeman, K. C., & Taylor, K. 2003, in ESO Astrophysics Symp., The Mass of Galaxies at Low and High Redshift, ed. R. Bender & A. Renzini (Berlin: Springer), 72–73, “*Mass distributions in early-type galaxy halos*”
- Romanowsky, A. J.** 2002, in Proc. IAU Symp. 207, Extragalactic Star Clusters, ed. D. Geisler, E. K. Grebel, & D. Minniti (San Francisco: ASP), 336–338, “*Dynamics of globular cluster systems in elliptical galaxies*”
- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., Merrifield, M. R., Arnaboldi, M., Freeman, K. C., & Taylor, K. 2001, Bull. Amer. Astron. Soc., 33, 4, 1533 (153.03), “*Tracing early-type galaxy halo dynamics*”
- Romanowsky, A. J.**, Douglas, N. G., Kuijken, K., & Arnaboldi, M. 2001, Bull. Amer. Astron. Soc., 2001, 33, 1, 719 (134.01), “*Kinematics of planetary nebulae in NGC 4472*”
- Romanowsky, A. J.**, & Kochanek, C. S. 2001, in Dynamics of Star Clusters and the Milky Way, ed. S. Deiters, B. Fuchs, A. Just, R. Spurzem, & R. Wielen (San Francisco: ASP), 556–558, “*Dynamics of the Sgr A\* cluster*”
- Romanowsky, A. J.** 2000, Bull. Amer. Astron. Soc., 32, 2, 694 (16.01), “*Halo dynamics of elliptical galaxies*”
- Romanowsky, A. J.**, & Kochanek, C. S. 2000, in ASP Conf. Ser. Vol. 197, XVth IAP Meeting, Dynamics of Galaxies: From the Early Universe to the Present, ed. F. Combes, G. A. Mamon, & V. Charmandaris (San Francisco: ASP), 401–402, “*Halo dynamics of M87*”
- Romanowsky, A. J.**, & Kochanek, C. S. 1999, Bull. Amer. Astron. Soc., 1999, 31, 1, 666 (123.01), “*Stellar dynamics at the Galactic center*”
- Romanowsky, A. J.** 1999, in ASP Conf. Ser. Vol. 182, Galaxy Dynamics, A Rutgers Symposium, ed. D. Merritt, J. A. Sellwood, & M. Valluri (San Francisco: ASP), 158–159, “*A global dynamical model of M87*”
- Romanowsky, A. J.** 1998, in ASP Conf. Ser. Vol. 136, Galactic Halos: A UC Santa Cruz Workshop, ed. D. Zaritsky (San Francisco: ASP), 317–319, “*Orbit modeling of the lensing galaxy in 0957+561*”
- Romanowsky, A. J.**, & Kochanek, C. S. 1997, in ASP Conf. Ser. Vol. 116, The Second Stromlo Symposium: The Nature of Elliptical Galaxies, ed. M. Arnaboldi, G. S. Da Costa, & P. Saha (San Francisco, ASP), 107–108, “*New projections of triaxiality*”
- Domier, C. W., Luhmann, N. C., Jr., Chao, A. E., Zhang, W.-M., & **Romanowsky, A. J.** 1995, Rev. Sci. Instrum., 66, 399–401, “*Ultrashort-pulse reflectometry*”

**Professional talks given:**

- Talk, 2024 Santa Cruz Galaxy Workshop, 30 July 2024, “*The Formation of Massive Star Clusters in High Redshift Galaxies*”
- Talk, 2024 Santa Cruz Galaxy Workshop, 25 July 2024, “*The Varied Formation Histories of Ultra-Diffuse Galaxies*”
- Talk, Rubin Community Workshop, SLAC, Menlo Park, CA, 22 July 2024, “*Diversity of Dwarf Galaxies and Globular Clusters in the Nearby Universe*”
- Talk, Rare Gems in Big Data, Tucson, 23 May 2024, “*Searching for Extreme Stellar Systems in Survey Data*”
- Galaxy Group lunch talk, Steward Observatory / NOIRLab, Tucson, 22 May 2024, “*New Views on Globular Cluster Formation in Early Galaxies*”
- Colloquium, Department of Astronomy and Astrophysics, University of California, Santa Cruz, 24 April 2024, “*New Views on Globular Cluster Formation in Early Galaxies*”
- Talk, 2024 FOBOS workshop, Santa Clara, California, 25 March 2024, “*Dwarf Galaxies and Globular Clusters in the Nearby Universe*”
- Astrophysics/relativity seminar, University of Missouri, 5 December 2023, “*New Views of Early Star Cluster and Galaxy Formation*”
- Colloquium, Department of Physics, University of California, Merced, 13 Oct 2023, “*New Insights on Extreme Stellar Systems*”
- Talk, 2023 Santa Cruz Galaxy Workshop, 15 Aug 2023, “*Diversity of Dwarf Galaxies*”
- Talk, 2023 Santa Cruz Galaxy Workshop, 7 Aug 2023, “*Insights into Globular Cluster Formation around Early Galaxies from JWST*”
- Talk, Cosmology/Galaxies/IGM Seminar, University of California, Santa Cruz, 10 Apr 2023, “*New Windows into Star Cluster Formation in Early Galaxies*”
- Talk, 2022 Santa Cruz Galaxy Workshop, 18 Aug 2022, “*Dark Matter Variations in Ultra-Diffuse Galaxies*”
- Talk, 2022 Santa Cruz Galaxy Workshop, 11 Aug 2022, “*Ultra-Diffuse Galaxies and Globular Clusters*”
- Lunch talk, Kapteyn Astronomical Institute, 27 July 2022, “*Strange New Pathways to Forming Dwarf Galaxies*”
- Talk, extragalactic astrophysics summer series, Arizona State University, 8 July 2022, “*Strange New Pathways to Forming Dwarf Galaxies*”
- Talk, European Astronomical Society Annual Meeting, Special Session SS33: Star Clusters to the Next Scale: Reading the Local and High- $z$  Universe with New Giant Eyes, 30 June 2021, “*New Puzzles about Old Star Clusters from Extreme Galaxies*”
- Flash talk, Kavli Institute for Theoretical Physics, The Galaxy–Halo Connection Across Cosmic Time, 7 Aug 2020, “*Dark Matter Amok in Ultra-Diffuse Galaxies*”
- Talk, Kavli Institute for Theoretical Physics Program on Globular Clusters at the Nexus of Star and Galaxy Formation, 26 May 2020, “*The Dense and the Fluffy: Globular Clusters and Ultracompact Dwarfs in Ultra-Diffuse Galaxies*”
- Oral Presentation, 235th meeting of the American Astronomical Society, Honolulu, 5 Jan 2020, “*Extreme Properties of Ultra-Diffuse Galaxies*”
- Talk, What Physicists Do, Sonoma State University, Rohnert Park, 16 Sep 2019, “*The Dark Side of Extreme Galaxies*”
- Talk, 2019 Santa Cruz Galaxy Workshop, 9 Aug 2019, “*Unresolved Puzzles with Ultra-Diffuse Galaxies*”

- Cosmology seminar, University of California, Davis, 23 May 2019, “*Illuminating the Dark Side of Ultra-Diffuse Galaxies*”
- Colloquium, San Francisco State University, 15 Apr 2019, “*Dark Questions about Extreme Galaxies*”
- Talk, Keck Science Meeting 2018, Pasadena, 20 Sep 2018, “*Unlocking the Mysteries of the Ultra-diffuse Galaxies*”
- Talk, The Bewildering Nature of Ultra-diffuse Galaxies, Leiden, 14 Aug 2018, “*Scaling Relations of Ultra-diffuse Galaxies: Mass, Angular Momentum, and More*”
- Talk, 2018 Santa Cruz Galaxy Workshop, 7 Aug 2018, “*Assembly Histories of Giant Early-type Galaxies from Wide-field Spectroscopy*”
- Talk, Stellar Halos Across the Cosmos, Heidelberg, 5 July 2018, “*Chemo-dynamical Clues to Massive Galaxy Halos*”
- Seminar, Stanislaus State University, Turlock, 26 Apr 2018, “*Dark Matter and Supermassive Black Holes in Extreme Galaxies*”
- Colloquium, Cal Poly San Luis Obispo, 5 Apr 2018, “*The Light and the Dark Sides of Extreme Galaxies*”
- Talk, The Carnegie Observatories, 22 Mar 2018, “*Extreme Galaxies and their Connections with Stellar Halos*”
- Talk, Infrared Processing and Analysis Center, 21 Mar 2018, “*The Densest and the Fluffiest Galaxies*”
- Talk, Santa Cruz Galaxy Workshop, 10 Aug 2017, “*Ultra-Diffuse Galaxies Are Halos!*”
- Talk, Kavli Institute for Theoretical Physics, 28 Jun 2017, “*Globular Clusters and Ultra-diffuse Galaxies*”
- Seminar, Chemistry Department, San José State University, 25 Apr 2017, “*Galactic Extremophiles*”
- Invited talk, On the Origin (and Evolution) of Baryonic Galaxy Halos, Galapagos Islands, 16 Mar 2017, “*Discrete Chemodynamical Tracers in Galaxy Halos*”
- Cosmoclub talk, University of California, Santa Cruz, 6 Feb 2017, “*Ghost Galaxies Emerging from the Dark*”
- Colloquium, New Mexico State University, 23 Sep 2016, “*Galaxies in the Twilight Zone*”
- Talk, Santa Cruz Galaxy Workshop, 8 Aug 2016, “*The Mystery of the Ghost Galaxies*”
- Oral Presentation, 228th meeting of the American Astronomical Society, San Diego, 13 June 2016, “*Dark Times for the Fluffiest Galaxies*”
- Invited Talk, What Shapes Galaxies?, Space Telescope Science Institute, Baltimore, 25 Apr 2016, “*A New Spin on the Hubble Sequence: Angular Momentum and Galaxy Formation*”
- Cosmoclub talk, University of California, Santa Cruz, 11 Jan 2016, “*All Dark Creatures Great and Small*”
- Contributed talk, ReSolving Galaxies in the Era of Extremely Large Telescopes, Monterey, 2 Oct 2015, “*Chemo-dynamics in Galaxy Halos with Resolved Stars and Star Clusters*”
- Talk, Santa Cruz Galaxy Workshop, 18 Aug 2015, “*Mapping out Dark Matter Distributions in Galaxy Halos*”
- Oral presentation, Formation, Evolution, and Survival of Massive Star Clusters, Honolulu, 12 Aug 2015, “*Mapping out the Connections between Star Clusters, Ultra-compact Dwarfs, and Galactic Nuclei*”
- Oral presentation, Planetary Nebulae as Probes of Galactic Structure and Evolution, Honolulu, 6 Aug 2015, “*Planetary Nebulae as Dynamical Tracers of Galaxy Halos and Stellar Streams*”
- Seminar, Universidad Andrés Bello, Chile, 17 Apr 2015, “*Mapping Galaxy Assembly Histories with the Chemodynamics of Substructure*”

- Invited keynote talk, Satellites and Streams in Santiago, Chile, 16 Apr 2015, “*Tidal Streams Outside the Local Group*”
- Impromptu talk, Satellites and Streams in Santiago, Chile, 15 Apr 2015, “*The Fluffiest Galaxies*”
- Invited review, IAU Symposium 311, Galaxy Masses as Constraints of Formation Models, Oxford, 21 Jul 2014, “*Large-scale Dynamics of Early-type Galaxies*”
- Extragalactic lunch talk, Institute for Astronomy, University of Hawaii, Manoa, 1 Apr 2014, “*Reconstructing Massive Galaxy Formation from Wide-field Chemo-dynamics*”
- Talk, Massive Galaxies: Aspen Winter Conference 2014, 2 Feb 2014, “*Panoramic Views of Massive Galaxy Kinematics and Dynamics*”
- Contributed talk, Multi-Spin Galaxies, Naples, 2 Oct 2013, “*Kinematic Transitions and Streams in Galaxy Halos*”
- Talk, Santa Cruz Galaxy Workshop, 12 Aug 2013, “*Accretion Dynamics in Galaxy Halos*”
- Oral contributed presentation, Probes of Dark Matter on Galaxy Scales, Monterey, 17 Jul 2013, “*Multiple Probes of Mass in Early-type Galaxies*”
- Seminar, Radboud Universiteit Nijmegen, 5 Mar 2013, “*Angular Momentum and Galaxy Formation*”
- Lunch talk, Kapteyn Astronomical Institute, 4 Mar 2013, “*Angular Momentum and Galaxy Formation*”
- Talk, The P.N.S: Future Projects and Ideas, Leiden, 27 Feb 2013, “*Halo Tracers: Observations vs. Simulations*”
- Talk, Santa Cruz Galaxy Workshop, 14 Aug 2012, “*Revisiting Angular Momentum and Galaxy Formation*”
- Cosmoclub talk, University of California, Santa Cruz, 21 May 2012, “*Angular Momentum and Galaxy Formation Revisited*”
- Galaxy evolution seminar, University of Oxford, 26 Apr 2012, “*Galaxy Formation and Angular Momentum Revisited: Steering Clear of Complications*”
- Seminar, Institute of Astronomy, University of Cambridge, 25 Apr 2012, “*Angular Momentum and Galaxy Formation Revisited*”
- Talk, Dynamics Meets Kinematic Tracers, Ringberg Castle, 13 Apr 2012, “*Recovering Substructure*”
- Colloquium, New Mexico State University, 28 Oct 2011, “*The Assembly of Galaxy Halos: Chemo-dynamics Beyond the Local Group*”
- Talk, Santa Cruz Galaxy Workshop, 11 Aug 2011, “*Galaxy Formation and Angular Momentum: Back to Basics*”
- Seminar, Universidad de Concepción, 11 Apr 2011, “*Two-phase Assembly of Early-type Galaxies*”
- Contributed talk, Dynamics of Low-Mass Stellar Systems: From Star Clusters to Dwarf Galaxies, European Southern Observatory, Santiago, 7 Apr 2011, “*The Origins of Globular Clusters and Ultra-compact Dwarfs around Massive Ellipticals*”
- Seminar, Universidad de Valparaíso, 6 Apr 2011, “*Asamblea en Dos Fases de las Galaxias de Tipo Temprano*”
- Talk, Keck Science Meeting 2010, Berkeley, 15 Oct 2010, “*Tracing the Modes of Early-type Galaxy Formation with Halo Rotation*”
- Colloquium, Case Western Reserve University, 29 Sep 2010, “*Formational Clues in Galaxy Halos*”
- Talk, Santa Cruz Galaxy Workshop, 17 Aug 2010, “*Kinematic Signatures of Galaxy Formation*”

- Cosmoclub talk, University of California, Santa Cruz, 21 May 2010 (with Joel Primack), *“Bolshoi Simulation Halos and Galaxies Compared with Observations”*
- Cosmoclub talk, University of California, Santa Cruz, 5 Apr 2010, *“Dark Matter from Recycled Data”*
- Friday lunch seminar, University of California, Santa Cruz, 5 Mar 2010, *“Low-redshift Signatures of Early-type Galaxy Formation: Dark Matter”*
- Contributed talk, Hunting for the Dark: The Hidden Side of Galaxy Formation, Malta, 22 Oct 2009, *“Digging for Formational Clues in the Halos of Early-type Galaxies”*
- Contributed talk, Unveiling the Mass: Extracting and Interpreting Galaxy Masses, Queens University, 16 June 2009, *“Multiple Probes of Dark Matter in Early-type Galaxies”*
- Seminar, University of California, Irvine, 19 May 2009, *“Archaeology of Early-type Galaxy Halos”*
- Panel presentation, The Local Volume: Constraints on Galaxy Formation and Evolution, European Week of Astronomy and Space Science, University of Hertfordshire, 21 Apr 2009
- Seminar, University of California, Santa Barbara, 4 Mar 2009, *“Mass and Angular Momentum in Early-type Galaxies”*
- Talk, Formation and Evolution of Globular Clusters, Kavli Institute for Theoretical Physics, Santa Barbara, 15 Jan 2009, *“Surveying the Dynamical Structure of Globular Cluster Systems”*
- Colloquium, San Francisco State University, 6 Oct 2008, *“Galactic Fundamentals: Dark Matter and Dynamics”*
- Talk, Keck Science Meeting 2008, Santa Cruz, 18 Sep 2008, *“Dark Matter, Dynamics, and Rotation in Early-type Galaxy Halos”*
- Talk, Santa Cruz Galaxy Workshop 2008, Santa Cruz, 27 Aug 2008, *“Kinematics and Dark Matter in Galaxy Halos”*
- Contributed talk, Galactic Structure and the Structure of Galaxies, Ensenada, 18 Mar 2008, *“Observing the Halos of Ellipticals”*
- Friday lunch seminar, University of California, Santa Cruz, 22 Feb 2008, *“Dark Matter Multi-Modalities in Elliptical Galaxies”*
- Colloquium, AURA, La Serena, 19 Apr 2007, *“Early-type Galaxies: Dynamics and Dark Matter Dichotomies”*
- Contributed talk, Third Chilean Advanced School of Astrophysics: Insights into Galaxy Evolution from Resolved Stellar Populations, Concepción, 8 Jan 2007, *“Planetary Nebulae as Resolved Stellar Tracers: Kinematics, Abundances, and X-ray Binaries”*
- Oral contribution, Quinta Reunión Anual de la Sociedad Chilena de Astronomía, La Serena, 29 Nov 2006, *“Dark Matter Lost or Found? – Critical Tests in Elliptical Galaxies”*
- Invited review, IAU Symposium 234: Planetary Nebulae in Our Galaxy and Beyond, Hawai’i, 9 Apr 2006, *“Planetary Nebulae as Mass Tracers in Galaxies”*
- Invited review, Globular Clusters - Guides to Galaxies, Concepción, 9 Mar 2006, *“Kinematics of Globular Cluster Systems”*
- Talk, Groups of Galaxies in the Nearby Universe, Santiago, 9 Dec 2005, *“Internal Dynamics of Galaxies and Groups”*
- Talk, Nearly Normal Galaxies, University of California, Santa Cruz, 11 Aug 2005, *“Dark Matter in Early-Type Galaxy Halos”*
- Invited review, XXI<sup>st</sup> IAP Colloquium, Mass Profiles and Shapes of Cosmological Structures, Paris, 6 Jul 2005, *“Elliptical Galaxy Halo Masses from Internal Kinematics”*
- Talk, Observatorio Astronómico de La Plata, 27 May 2005, *“A Closer Look at the Kinematics of Globular Cluster Systems”*

- Seminar, Observatorio Astronómico de La Plata, 26 May 2005, “*Dark Matter and Dynamics in Galaxy Halos*”
- Colloquium, AURA, La Serena, 11 Mar 2005, “*Dark Matter and Dynamics in Galaxy Halos*”
- Contributed talk, Cuarta Reunión Anual de la Sociedad Chilena de Astronomía, Concepción, 14 Jan 2005, “*Materia Oscura y Dinámicas en los Halos de Galaxias*”
- Oral paper, 205th AAS Meeting, San Diego, 10 Jan 2005, “*Halo Masses of Early-type Galaxies: Theory vs Observation*”
- Talk, The First Symposium on Magellan Science, Pasadena, 8 Jan 2005, “*Extragalactic Stellar Populations*”
- Talk, PPARC Panel, University of Nottingham, 8 Oct 2004, “*Elliptical Galaxy Dynamics*”
- Talk, Galaxies Viewed with Chandra Workshop, Cambridge, MA, 8 Jul 2004, “*Early-type Galaxy Masses: the X-factor*”
- Contributed talk, Planetary Nebulae Beyond the Milky Way, Garching, 21 May 2004, “*Probing Halos with PNe: Mass and Angular Momentum in Early-Type Galaxies*”
- Lunchtime astronomy talk, School of Physics and Astronomy, University of Nottingham, 11 May 2004, “*Combining Probes of Early-Type Galaxy Haloes*”
- Seminar, Jodrell Bank Observatory, 5 May 2004, “*Mass, Spin and Orbits in Galaxy Haloes*”
- Seminar, Isaac Newton Group, 21 Apr 2004, “*Observing Galaxy Haloes*”
- Oral contribution, UK National Astronomy Meeting, Milton Keynes, 31 Mar 2004, “*Nearby Elliptical Galaxy Haloes: Neither Hot nor Dizzy*”
- Extra-galactic seminar, School of Physics and Astronomy, The University of Birmingham, 18 Feb 2004, “*Multi-Pronged Probing of Galaxy Haloes*”
- Talk, Extragalactic Science Club, Astrophysikalisches Institut Potsdam, 10 Feb 2004, “*Observational Constraints on Galaxy Haloes*”
- Oral paper, 203th AAS Meeting, Atlanta, 6 Jan 2004, “*Halo Tracers in Nearby Galaxies*”
- Talk, European Southern Observatory, Garching, 27 Nov 2003, “*Probes of Galaxy Haloes*”
- Talk, Virgo Consortium meeting, Institute for Computational Cosmology, University of Durham, 19 Nov 2003, “*Early-Type Galaxy Haloes at  $z = 0$* ”
- Seminar, Astrophysics Research Institute, Liverpool John Moores University, 29 Oct 2003, “*Galaxy Haloes Exposed!*”
- Colloquium, Institute of Astronomy, Cambridge University, 23 Oct 2003, “*Kinematical Probes of Galaxy Haloes*”
- Talk, 58th Meeting of the American Scientific Affiliation, Lakewood, 28 Jul 2003, “*Dark Matter in Galaxies*”
- Contributed oral paper, IAU Symposium 220: Dark Matter in Galaxies, Sydney, 22 Jul 2003, “*Elliptical Galaxies: Darkly Cloaked or Scantly Clad?*”
- Astrophysics seminar, Oxford University, 13 May 2003, “*Mass and Angular Momentum in Elliptical Galaxy Haloes*”
- Lunchtime astronomy talk, School of Physics and Astronomy, University of Nottingham, 1 May 2003, “*Is Dark Matter De-MONDED? –or– What Will It Take to Kill This Theory?*”
- Oral contribution, UK National Astronomy Meeting, Dublin, 9 Apr 2003, “*Mass and Angular Momentum in Elliptical Galaxy Haloes*”
- Astronomy group seminar, School of Physics and Astronomy, University of Nottingham, 29 Jan 2003, “*Elliptical Galaxies: Where Has All the Dark Matter Gone?*”
- Colloquium, Leiden Observatory, 21 Feb 2002, “*Exploring and Exploiting Early-Type Galaxy Halos*”



- Oral paper, 199th AAS Meeting, Washington, 10 Jan 2002, "*Tracing Early-Type Galaxy Halo Dynamics*"
- Talk, Ringberg Workshop on the Formation and Evolution of Giant Elliptical Galaxies, 27 Nov 2001, "*Probing the Halos of Nearby Early-Type Galaxies*"
- Talk, SAURON Team Meeting, Leiden, 6 Jul 2001, "*Planetary Nebula Spectrograph: Mapping Elliptical Galaxy Halos*"
- Lunch talk, Kapteyn Astronomical Institute, 2 Jul 2001, "*A New Technique for Planetary Nebula Spectroscopy in Elliptical Galaxies*"
- Lunchtime astronomy talk, School of Physics and Astronomy, University of Nottingham, 28 Jun 2001, "*Exploring and Exploiting Elliptical Galaxy Halos*"
- Dissertation paper, 196th AAS Meeting, Rochester, 5 Jun 2000, "*Halo Dynamics of Elliptical Galaxies*"
- Seminar, Isaac Newton Group, 29 May 2000, "*The Planetary Nebula Spectrograph for La Palma: Measuring and Modelling Galaxy Kinematics*"
- Lunch talk, Kapteyn Astronomical Institute, 1 Mar 2000, "*Extragalactic Globular Clusters and Galaxy Formation*"
- Ph.D. colloquium, Harvard-Smithsonian Center for Astrophysics, 28 Sep 1999, "*Mass Estimates of Anisotropic Stellar Systems*"
- Thesis talk, Harvard-Smithsonian Center for Astrophysics, 24 Sep 1999, "*The Structure and Dynamics of Galaxies*"
- Talk, Lorenz Center Workshop on Dynamics of Galaxies, Leiden, 21 Jul 1999, "*Dynamics with Discrete Velocities*"
- Colloquium, Kapteyn Astronomical Institute, 11 Mar 1999, "*Velocity Dispersions of Lens Galaxies*"

**Supervised student presentations (partial listing):**

- Jason Pruitt (SJSU MS graduate), poster, Rubin Community Workshop, SLAC, Menlo Park, CA, July 2024, “*Galaxy Classification Using Convolutional Neural Networks*”
- Yashraj Bains (SJSU undergrad), poster and lightning talk, Rare Gems in Big Data, Tucson, AZ, May 2024, “*New Search for Dark Matter Free Dwarf Galaxies Using Legacy Imaging*”
- Lailani Kenoly (SJSU undergrad), poster and lightning talk, Rare Gems in Big Data, Tucson, AZ, May 2024, “*Using DESI Spectra to Understand Ultra-Diffuse Galaxies in the Coma Cluster*”
- Logan O’Brien (SJSU MS student), poster and lightning talk, Rare Gems in Big Data, Tucson, AZ, May 2024, “*Detection of a High Globular Cluster to Host Galaxy Luminosity Ratio Galaxy in the NGC 1407 Group*”
- Xavier Mendoza (SJSU MS student), iPoster, Meeting of the American Astronomical Society, New Orleans, LA, Jan 2024, “*Radio and Hubble Space Telescope observations of a candidate isolated gas-poor dwarf galaxy*”
- Alexi Musick (SJSU MS student), Poster, Meeting of the American Astronomical Society, New Orleans, LA, Jan 2024, “*Mapping out Globular Clusters in Perseus Cluster Ultra-Diffuse Galaxies Using the Subaru Telescope*”
- Autumn Galinski (SJSU undergrad), contributed talk, Meeting of the American Astronomical Society, Seattle, WA, Jan 2023, “*Ultra Diffuse Galaxies and Globular Clusters in the NGC 1407 Galaxy Group*”
- Andrea Cajucom (SJSU undergrad), iPoster, Meeting of the American Astronomical Society, Honolulu, HI, Jan 2020, “*Morphologies, Star-forming Regions, and Star Cluster Populations of Gas-Rich Ultra-Diffuse Galaxies*”
- Jacob Day (SJSU undergrad), iPoster, Meeting of the American Astronomical Society, Honolulu, HI, Jan 2020, “*Globular clusters in the Dwarf Spiral Galaxy NGC 2403*”
- Devin Cunningham (SJSU undergrad), poster, Meeting of the American Astronomical Society, Seattle, WA, Jan 2019, “*Using machine learning algorithms to discover extragalactic compact stellar system candidates*”
- Alex Colebaugh (SJSU undergrad), poster, Meeting of the American Astronomical Society, Washington, DC, Jan 2018, “*Classifying and Finding Nearby Compact Stellar Systems*”
- Maria Stone (SJSU MS student), poster, Meeting of the American Astronomical Society, Grapevine, TX, Jan 2017, “*The Colors and Stellar Populations of Ultra-Diffuse Galaxies in the Coma and Virgo Clusters*”
- Vakini Santhanakrishnan (SJSU MS student), poster, Meeting of the American Astronomical Society, San Diego, CA, June 2016, “*Studying globular clusters and ultra-compact dwarfs in NGC 247 using Subaru Hyper Suprime Cam*”
- Beth Johnson (SJSU undergrad), poster, Meeting of the American Astronomical Society, Boston, MA, June 2014, “*Photometric Profiles of Nearby Early-Type Galaxies Using SDSS*”
- Richard Vo (SJSU undergrad), poster, Meeting of the American Astronomical Society, Boston, MA, June 2014, “*A New Search for Ultra-Compact Dwarfs*”

**Software knowledge:**

C, C++, Python, MATLAB, FORTRAN, R, IRAF, Mathematica, SM,  $\LaTeX$ , HTML, IDL, GALFIT, IMSHAPE, FSPS, SExtractor

**Languages spoken:**

English – native

Nederlands (Dutch) – competent

Castellano (Spanish) – competent

**Observing experience** (partial listing):

19+ nights, Keck (10-meter)

5 nights, Subaru (8-meter)

3 nights, Very Large Telescope (8-meter)

12 nights, Magellan (6.5-meter)

57 nights, William Herschel Telescope (4-meter)

2 nights, Victor M. Blanco Telescope (4-meter)

Integral field spectrograph (KCWI)

Slitless spectrograph (IMACS, PN.S – including commissioning)

Multifiber spectrograph (WYFFOS)

Multislit spectrographs (FORS2, LDSS-2, LDSS-3, GMOS, IMACS, DEIMOS)

Wide-field optical imagers (Suprime-Cam, MOSAIC II, IMACS)

Infrared imager (PANIC)

**Telescope time awards (partial listing) :**

- NASA 2024B\_N124, 1D, W.M. Keck Observatory, KCWI, 5 Oct 2024, “*A critical test for dark matter in dwarf galaxies of the NGC 1052 group*” (PI: **A. Romanowsky**)
- NASA 2023A\_N092, 1D, W.M. Keck Observatory, DEIMOS, 22 Mar 2023, “*Unravelling the Origins of Ultra-Diffuse Galaxies*” (PI: **A. Romanowsky**)
- GO-17149, 2 orbits, Cycle 30, *Hubble Space Telescope*, “*Characterizing the Unusual Star Cluster Population in a Candidate Dark Matter Free Galaxy*” (PI: **A. Romanowsky**)
- NASA 2022A\_N046, 1D, W.M. Keck Observatory, KCWI, 25 Mar 2022, “*New Tests of Failed Galaxy Formation and Fuzzy Dark Matter: Kinematics, Mass, and Stellar Populations in Mega-Dwarfs*” (PI: **A. Romanowsky**)
- NASA 2021B\_N195, 1.5D, W.M. Keck Observatory, KCWI, 1, 4, 28 Jan 2022, “*The Stellar Population Gradients of Ultra-Diffuse Galaxies*” (PI: **A. Romanowsky**)
- GO-16459, 7 orbits, Cycle 28, *Hubble Space Telescope*, “*The Color-Magnitude Diagram of an Extremely Metal-poor Globular Cluster*” (PI: S. Larsen)
- NASA 2019A\_N061, 2D, W.M. Keck Observatory, KCWI, 30 Mar, 1 May, 29 May 2019, “*Dark matter and stellar populations in a benchmark ultra-diffuse galaxy*” (PI: **A. Romanowsky**)
- GO-141145, 50.1h, Cycle-14, *Spitzer Space Telescope*, “*A Survey of Stellar Populations in Ultra-Diffuse Galaxies*” (PI: **A. Romanowsky**)
- NASA 2018A\_N079, 2D, W.M. Keck Observatory, KCWI, 16–17 Apr 2018, “*Testing for extreme stellar populations in an ultra-diffuse galaxy*” (PI: **A. Romanowsky**)
- GO-15235, 30 orbits, Cycle 25, *Hubble Space Telescope*, “*The Perseus cluster: bridging the extremes of stellar systems*” (PI: W. Harris)
- GO-13125, 20.4h, Cycle-13, *Spitzer Space Telescope*, 6 orbits, *Hubble Space Telescope* (GO-14846), “*Ultra-diffuse Galaxies in Clusters and the Field: Masses and Stellar Populations*” (PI: **A. Romanowsky**)
- GO-14748, 6 orbits, Cycle 24, *Hubble Space Telescope*, “*A close-up view of the star formation history of a young ultracompact dwarf*” (PI: **A. Romanowsky**)
- GS-2016A-Q-20 / NOAO 2016A-0400, 0.39n, Gemini South, GMOS, “*Measuring the Distance to an Intermediate-mass Black Hole with Gemini*” (PI: D. Lin)
- 2016A\_U107LA, 1.5D, W.M. Keck Observatory, LRIS, 3, 5 Apr 2016, “*Measuring radial gradients in the stellar initial mass function of nearby galaxies*” (PI: J. Brodie)
- 2016A\_U108D, 2.5D, W.M. Keck Observatory, DEIMOS, 8–10 Mar 2016, “*How Broad is the Conspiracy? Mass Trends from Wide-field Dynamics of Early-type Galaxies*” (PI: J. Brodie)
- NOAO 2016A-290, 2n, Subaru, Hyper Suprime-Cam, 9–10 Feb 2016, “*The Stellar Halos and Dwarf Satellites of LMC-mass Analogs*” (PI: B. Willman)
- 096.B-0412, 50hr-Class A, Very Large Telescope, FORS2, “*Fornax Cluster VLT Spectroscopic Survey: Kinematical and Dynamical Map with Planetary Nebulae Using Counter Dispersed Imaging (CDI)*” (PI: M. Capaccioli)
- GO-14067, 1 orbit, Cycle 23, *Hubble Space Telescope*, “*Searching for a Supermassive Black Hole in the Brightest Ultracompact Dwarf Galaxy*” (PI: C. Ahn)
- 2015B\_U046D, 2D, W.M. Keck Observatory, DEIMOS, 7–9 Dec 2015, “*How Broad is the Conspiracy? Mass Trends from Wide-field Dynamics of Early-type Galaxies*” (PI: J. Brodie)
- 2015B\_U085HSC, 2D, Subaru Telescope, Hyper Suprime-Cam, 14–15 Oct 2015, “*A New Environment for Near-Field Cosmology: The Stellar Halos and Satellite Luminosity Functions of LMC Analogs*” (PI: J. Brodie)
- 4.2hr, Director Discretionary Time, Gran Telescopio Canarias, OSIRIS, Jun 2015, “*Dark Matter in the Most Diffuse Galaxies*” (PI: M. Beasley)

- 095.B-0779, 5.2n-GTO, VLT Survey Telescope, OmegaCAM, “*VST survey of Elliptical Galaxies in the South hemisphere (VEGAS)*” (PI: M. Capaccioli)
- GN-2015A-Q-6 / NOAO 2015A-0284, 21.2h, Gemini North, NIFS+AltairLGS, “*A Survey of Massive Black Holes in Ultracompact Dwarf Galaxies*” (PI: A. Seth)
- 2015A\_U078D, 3D, W.M. Keck Observatory, DEIMOS, 10–13 Mar, 11–12 Apr 2015, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- 2014B\_U077SC, 2D, Subaru Telescope, Suprime-Cam, 18–19 Dec 2014, “*Substructure and Accretion in Nearby Galaxy Halos*” (PI: J. Brodie)
- 2014B\_U085LA, 2D, W.M. Keck Observatory, LRIS-ADC, 18–19 Dec 2014, “*Measuring Radial Gradients in the Stellar Initial Mass Function of Nearby Galaxies*” (PI: J. Brodie)
- 094.B-0496, 8.8n-GTO, VLT Survey Telescope, OmegaCAM, “*VST survey of Elliptical Galaxies in the South hemisphere (VEGAS)*” (PI: M. Capaccioli)
- 094.B-0732, 6h, Very Large Telescope, HAWKI, “*A search for dynamical tracers in the stellar tidal debris around NGC 1097*” (PI: D. Martínez-Delgado)
- 2014A\_U027D, 1D, W.M. Keck Observatory, DEIMOS, 2 Apr 2014, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- 2014A\_U046SC, 1D, Subaru Telescope, Suprime-Cam, 4 Mar 2014, “*Substructure in Early Type Galaxy Halos*” (PI: J. Brodie)
- 15610427, Cycle 15 accepted archive proposal, Chandra X-ray Center, “*Resolving the puzzle of the X-ray luminosity scatter for early-type galaxies*” (PI: D.-W. Kim)
- 2013B\_U058SC, 1D, Subaru Telescope, Suprime-Cam, 2 Jan 2014, “*Substructure in Spiral Galaxy Halos*” (PI: J. Brodie)
- 2013B\_U037D, 2.5D, W.M. Keck Observatory, DEIMOS, 1 Nov 2013, 26–27 Jan 2014, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- 2013A\_U045D, 3D, W.M. Keck Observatory, DEIMOS, 9–11 Apr 2013, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- W13AN007, 5D, William Herschel Telescope, PN.Spectrograph, 13–17 Mar 2013, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Kuijken)
- W13AN007, 5D, William Herschel Telescope, PN.Spectrograph, 8–12 Mar 2013, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- S13A0191S, 2h, Rank-B, Subaru Telescope, Suprime-Cam, 2013A, “*Mapping Out Accretion in the Halo of a Dwarf Galaxy*” (PI: **A. Romanowsky**)
- 14620812, 90ks, Cycle 14, Chandra X-ray Observatory, “*Monitoring a Possible Post-tidal Disruption Event (and Black Hole X-ray Binaries) in NGC 1399*” (PI: J. Irwin)
- GO-13048, 28 orbits, Hubble Space Telescope, Cycle 20, “*The First Unambiguous Detection of a Distinct Metal-poor Stellar Halo in a Massive Early-type Galaxy*” (PI: J. Strader)
- 090.B-0414, 9.5hr-GTO, VLT Survey Telescope, OmegaCAM, “*VST survey of Elliptical Galaxies in the South hemisphere (VEGAS)*”, (PI: M. Capaccioli)
- 2012B\_U049D, 3D, W.M. Keck Observatory, DEIMOS, 9–11 Jan 2013, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- S12A0140S, 3h, Rank-B, Subaru Telescope, Suprime-Cam, 2012A, “*Mapping Out Accretion in the Halo of a Dwarf Galaxy*” (PI: **A. Romanowsky**)

- w12an003, 5D, William Herschel Telescope, PN.Spectrograph, 19–23 Apr 2012, “*The PN.S Elliptical Galaxy Survey*” (PI: K. Kuijken)
- W/2012A/2, 5D, William Herschel Telescope, PN.Spectrograph, 14–18 Apr 2012, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- 089.B-0607, 13.0hr-GTO, VLT Survey Telescope, OmegaCAM, “*VST survey of Elliptical Galaxies in the South hemisphere (VEGAS)*”, (PI: M. Capaccioli)
- 2012A\_U045D, 3D, W.M. Keck Observatory, DEIMOS, 18–20 Feb 2012, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- 13610808/GO-12759, 1000ks, *Chandra X-ray Observatory/ACIS-S X-ray Visionary Project*, + 3 orbits, *Hubble Space Telescope/ACS*, “*A Chandra Legacy Project to Resolve the Accretion Flow of Gas Captured by a Supermassive Black Hole*” (PI: J. Irwin)
- 2011B\_U038D, 2D, W.M. Keck Observatory, DEIMOS, 15–16 Jan 2012, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- 067087, 103ks, priority B, *XMM-Newton*, “*Mass, Enrichment, and Entropy in a Typical Isolated Elliptical Galaxy*” (PI: T. Jeltema)
- 2011A\_U066SC, 1D, Subaru Telescope, Suprime-Cam, 1 May 2011, “*Constraining Galaxy Merger Histories through Disk Heating*” (PI: J. Bullock)
- 088.B-4012, 11.0hr-GTO, VLT Survey Telescope, OmegaCAM, “*VST survey of Elliptical Galaxies in the South hemisphere (VEGAS)*”, (PI: M. Capaccioli)
- 2011A\_U025D, 3D, W.M. Keck Observatory, DEIMOS, 28–30 Mar 2011, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- w11an017, 5D, William Herschel Telescope, PN.Spectrograph, 6–10 Mar 2011, “*The PN.S Elliptical Galaxy Survey*” (PI: K. Kuijken)
- W/2011A/16, 4D, William Herschel Telescope, PN.Spectrograph, 1–5 Mar 2011, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- GN-2010B-C-204, 1D, Subaru Telescope, Suprime-Cam, 4 Jan 2011, “*Resolved Tracers of Substructure in Galaxy Halos*” (PI: **A. Romanowsky**)
- 2010B\_U132SC, 1D, Subaru Telescope, Suprime-Cam, 3 Jan 2011, “*Subaru Imaging of Globular Clusters in Early-Type Galaxies*” (PI: J. Brodie)
- W/2010B/5, 4D, William Herschel Telescope, PN.Spectrograph, 3–6 Jan 2011, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- W10BN003, 4D, William Herschel Telescope, PN.Spectrograph, 30 Dec 2010–2 Jan 2011, “*The PN.S Elliptical Galaxy Survey*” (PI: K. Kuijken)
- 086.B-0799, 3N, New Technology Telescope, EFOSC2+SOFI, 6–8 Nov 2010, “*The First All-near-infrared Fundamental Plane of Early-type Galaxies*” (PI: J. Vanderbeke)
- 2010B-0561, 6B, CTIO-1.0m, CFIM+4K, 15–20 Oct 2010, “*The Multi-wavelength Fundamental Plane in the Fornax Cluster*” (PI: **A. Romanowsky**)
- 2010A\_U114SC, 1D, Subaru Telescope, Suprime-Cam, 11 Apr 2010, “*Subaru Imaging of Globular Clusters in Early-Type Galaxies*” (PI: J. Brodie)
- w10an003, 5D, William Herschel Telescope, PN.Spectrograph, 15–19 Mar 2010, “*Outer Kinematics of Nearby Early-type Galaxies with the PN.S*” (PI: K. Kuijken)
- W/2010A/10, 5D, William Herschel Telescope, PN.Spectrograph, 10–14 Mar 2010, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)

- 2010A\_U050D, 4D, W.M. Keck Observatory, DEIMOS, 9–12 Mar 2010, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- 2009B\_U154D, 2D, W.M. Keck Observatory, DEIMOS, 11–12 Jan 2010, “*A New Window on Galaxy Formation: Surveying the Chemo-Dynamics of Early-Type Galaxy Halos*” (PI: J. Brodie)
- W/2009B/9, 3D, William Herschel Telescope, PN.Spectrograph, 14–16 Dec 2009, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- w09bn003, 3D, William Herschel Telescope, PN.Spectrograph, 11–13 Dec 2009, “*The PN.S Elliptical Galaxy Survey*” (PI: N. Douglas)
- G/2009A/020, 1D, Subaru Telescope, Suprime-Cam, 20 Apr 2009, “*A novel probe of galaxy group dark matter halos*” (PI: **A. Romanowsky**)
- W/2009A/3, 5D, William Herschel Telescope, PN.Spectrograph, 25–29 Mar 2009, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- W09AN002, 5D, William Herschel Telescope, PN.Spectrograph, 20–24 Mar 2009, “*Continuation of the Planetary Nebula Spectrograph Elliptical Galaxy Survey*” (PI: N. Douglas)
- 082.B-0897, 21.6hr-Class B, Very Large Telescope, ISAAC, “*The first all-near-infrared Fundamental Plane of early-type galaxies*” (PI: M. Baes)
- 2008B\_U056D, 2D, W. M. Keck Observatory, DEIMOS, 28–29 Dec 2008, “*Kinematics of globular clusters in early-type galaxies*” (PI: J. Brodie)
- W/2008B/25, 2D, William Herschel Telescope, PN.Spectrograph, 29–30 Nov 2008, “*The PN.S Elliptical Galaxy Survey*” (PI: M. Merrifield)
- 2008B\_U067SC, 2D, Subaru Telescope, Suprime-Cam, 28–29 Nov 2008, “*Wide-field imaging of elliptical galaxy halos*” (PI: J. Brodie)
- 8B29 (2877), 6B, Shane Telescope, AO-LGS/IRCAL, 8–11 Sep, 19–20 Oct 2008 (PI: J. Arnold)
- GS-2008B-Q-37, 25.2hr-Band 2, Gemini South, GMOS-South: “*Is there dark matter in NGC 7507?*” (PI: T. Richtler)
- 2008A\_U093D, 2D, W. M. Keck Observatory, DEIMOS, 7–10 Apr 2008, “*Kinematics of globular clusters in early-type galaxies*” (PI: J. Brodie)
- W08AN010, 12D, William Herschel Telescope, PN.Spectrograph, 5–9 Apr, 27–28 Nov 2008, “*Outer kinematics of nearby early-type galaxies with the PN.S*” (PI: N. Douglas)
- 2007B\_U132D, 2D, W. M. Keck Observatory, DEIMOS, 11–14 Nov 2007, “*Kinematics of globular clusters in the giant elliptical NGC 1407: a dark group?*” (PI: J. Brodie)
- 080.B-0529, 21.8hr-Class A, Very Large Telescope, FORS2, “*A unique test case for dark matter profiles: the dynamics of Abell 545 and its ‘star pile’*” (PI: R. Salinas)
- 080.B-0650, 4D, Very Large Telescope, FORS2, 7–10 Mar 2008, “*Deep stellar kinematics of ordinary elliptical galaxies*” (PI: N. Napolitano)
- GS-2007B-Q-9, 21hrD-Band 1, Gemini South, GMOS-South, “*Where dark matter shines: dynamics of Abell 545 and its ‘star pile’*” (PI: R. Salinas)
- 4D/G, Walter Baade Telescope, IMACS, 20–23 Apr 2007, “*Dark matter lost or found? – the definitive dynamical portrait of an ordinary elliptical galaxy*” (PI: **A. Romanowsky**)
- 079.B-0622/085.B-0949, 21hr-Class A, Very Large Telescope, VIMOS, “*Mapping the transition between dark and luminous matter in ordinary elliptical galaxies*” (PI: N. Napolitano)
- 079.B-0480, 14hr-Class A, Very Large Telescope, VIMOS, “*A laboratory for galaxy interactions – the Antlia cluster*” (PI: T. Richtler)

- 079.B-0848, 14hr-Class A, Very Large Telescope, FORS2, “*Dark matter lost or found? – the definitive dynamical portrait of an ordinary disk elliptical galaxy*” (PI: **A. Romanowsky**)  
 P22-07A, 4D, William Herschel Telescope, PN.Spectrograph, 18–21 Feb 2007, “*The PN.S elliptical galaxy survey*” (PI: M. Merrifield)
- N9-07A, 5D, William Herschel Telescope, PN.Spectrograph, 13–17 Feb 2007, “*Outer kinematics of nearby early-type galaxies with the PN.S*” (PI: K. Kuijken)
- GS-2007A-Q-42, 12hrD-Band 2, Gemini South, GMOS-South, “*Dark matter lost or found? – the definitive dynamical portrait of an ordinary disk elliptical galaxy*” (PI: **A. Romanowsky**)  
 SAO, 1.5D, Walter Baade Telescope, IMACS, 15–17 Jan 2007, “*Constraining the dark matter halo of NGC 4636*” (PI: E. O’Sullivan)
- 078.B-0856, 18hr-Class A, Very Large Telescope, FORS2, “*A close look at the merger remnant NGC 1316: kinematics of its globular cluster system*” (PI: T. Richtler)
- GS-2006B-Q-69, 4hrD-Band 3, Gemini South, GMOS-South, “*The ‘star pile’ in Abell 545*” (PI: T. Richtler)
- 3D+2G, Walter Baade Telescope, IMACS, 14–16 Dec 2006, 10–11 Jan 2007, “*Lost in space: Intergalactic stars in the Fornax Cluster*” (PI: **A. Romanowsky**)
- 2N, Landon Clay Telescope, LDSS-3, 23–24 Nov 2006, “*Uncovering the nature of the color-metallicity relation of globular clusters: Is the GC metallicity distribution really bimodal?*” (PI: L. Infante)
- N4-06B, 1D+2G, William Herschel Telescope, PN.Spectrograph, 26–28 Oct 2006, “*Understanding the origins of lenticular galaxies using their planetary nebulae*” (PI: L. Coccato)
- P21-06B, 3D, William Herschel Telescope, PN.Spectrograph, 23–25 Oct 2006, “*Understanding the origins of lenticular galaxies using their planetary nebulae*” (PI: E. Noordermeer)
- 1G, Walter Baade Telescope, IMACS, 2 Jul 2006, “*Dark matter amok: definitive dynamical portraits of elliptical galaxies*” (PI: **A. Romanowsky**)
- U/06A/40, 13hB, United-Kingdom Infra-Red Telescope, WFCAM, 13–15 May 2006, “*Photometry of globular clusters and galaxy light in the Virgo Cluster*” (PI: **A. Romanowsky**)
- 077.B-0684, 15hrD+1hrG-Class A, Very Large Telescope, FORS2, “*Dark matter lost or found? – the definitive dynamical portrait of an ordinary boxy elliptical galaxy*” (PI: **A. Romanowsky**)
- GS-2006A-Q-66, 15hrD+2hrG-Band 3, Gemini South, GMOS-South, “*Dark matter lost or found? – the dynamical portrait of an ordinary disk elliptical galaxy*” (PI: **A. Romanowsky**)
- P37-05A, 4D, William Herschel Telescope, PN.Spectrograph, 27–30 Mar 2006, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: M. Merrifield)
- SAO-12, 1D, MMT, Megacam, 26 Jan 2006, “*Globular clusters as mass tracers in elliptical galaxy haloes*” (PI: E. O’Sullivan)
- 076.B-0788, 32hrD-Class B, Very Large Telescope, FORS2, “*Deep stellar kinematics of ordinary elliptical galaxies*” (PI: L. Coccato)
- 076.B-0446, 10hrD-Class B, Very Large Telescope, FLAMES/GIRAFFE, “*Globular cluster kinematics and constraints on the dark matter content of NGC 3379*” (PI: G. Bergond)
- 076.B-0154, 20hrD+1hrG-Class A, Very Large Telescope, VIMOS, “*The dark halo of NGC 3311*” (PI: T. Richtler)
- 2G, Landon Clay Telescope, LDSS-3, 4–5 Dec 2005, “*Globular cluster kinematics in the super halo of Eridanus A*” (PI: **A. Romanowsky**)
- 4N, Walter Baade Telescope, IMACS, 6 Sep, 4–6 Nov 2005, “*Kinematics and stellar populations of a complete sample of early-type galaxies, dwarf nuclei and ultra compact dwarfs in the Fornax cluster*” (PI: A. Jordán)



- 2005B-0098, 2D, Victor M. Blanco Telescope, MOSAIC II, 5–6 Aug 2005, “*Globular cluster systems in field elliptical galaxies*” (PI: **A. Romanowsky**)
- 030254, 35.2 ks, priority B, XMM-Newton, “*Dark matter in elliptical galaxies*” (PI: E. O’Sullivan)
- 075.B-0516, 8hrD-Class B, Very Large Telescope, FLAMES/GIRAFFE, “*Searching for angular momentum in the outer halo of the giant elliptical galaxy NGC 4472*” (PI: G. Bergond)
- P37-05A, 5D, William Herschel Telescope, PN.Spectrograph, 6–10 Apr 2005, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: M. Merrifield)
- N14-05A, 3D+2G, William Herschel Telescope, PN.Spectrograph, 1–5 Apr 2005, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: N. Douglas)
- 2005A-0353, 2D, Victor M. Blanco Telescope, MOSAIC II, 12–13 Mar 2005, “*Globular cluster systems in faint elliptical galaxies*” (PI: **A. Romanowsky**)
- GS-2004B-Q-75, 16hrG-Band 4, Gemini South, GMOS-South, “*Is there dark matter in NGC 7507?*” (PI: T. Richtler)
- GS-2004B-Q-29, 16hrG-Band 2, Gemini South, GMOS-South, “*The dynamics of the outer cluster system of NGC 1399*” (PI: T. Richtler)
- U/2004B/29, 20hrs backup, United-Kingdom Infra-Red Telescope, WFCAM, “*Photometry of globular clusters and stellar light in nearby early-type galaxies*” (PI: **A. Romanowsky**)
- 06610666, Cycle 6 accepted archive proposal, Chandra X-ray Center, “*Dark matter in elliptical galaxies*” (PI: E. O’Sullivan)
- 2G, Landon Clay Telescope, LDSS-2, 8–9 Sep, 19 Oct 2004, “*Kinematics of the globular cluster system of NGC 1316*” (PI: T. Richtler)
- P38-03A, 6D, William Herschel Telescope, PN.Spectrograph, 16–21 Apr 2004, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: M. Merrifield)
- N12-04A, 2D+2G, William Herschel Telescope, PN.Spectrograph, 12–15 Apr 2004, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: N. Douglas)
- 072.B-0384, 8hrD-Class A, Very Large Telescope, FLAMES/GIRAFFE, “*The kinematics of globular clusters in the outer halos of elliptical galaxies*” (PI: R. Sharples)
- N14-03B, 1G+2B, William Herschel Telescope, PN.Spectrograph, 3–5 Oct 2003, “*A deep kinematic survey of planetary nebulae in M31*” (PI: N. Douglas)
- P32-03B, 1D+3G, William Herschel Telescope, PN.Spectrograph, 29 Sep–2 Oct 2003, “*A deep kinematic survey of planetary nebulae in M31*” (PI: H. Merrett)
- N1-03B, 4G+2B, Isaac Newton Telescope, Wide Field Camera, “*A survey for halo planetary nebulae in M31*”, 16–21 Aug 2003 (PI: K. Kuijken)
- 071.B-0537, 9hrD-Class B, Very Large Telescope, FLAMES/GIRAFFE, “*The kinematics of globular clusters in the outer halos of elliptical galaxies*” (PI: R. Sharples)
- P38-03A, 4D, William Herschel Telescope, PN.Spectrograph, 4–7 Mar 2003, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: M. Merrifield)
- N8-03A, 4D, William Herschel Telescope, PN.Spectrograph, 28 Feb–3 Mar 2003, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: N. Douglas)
- P64-02B, 3G, William Herschel Telescope, PN.Spectrograph, 11–13 Oct 2002, “*2000 planetary nebulae in M31: a kinematic survey with the PN.S*” (PI: M. Merrifield)
- N2-02B, 2D+1G, William Herschel Telescope, PN.Spectrograph, 8–10 Oct 2002, “*2000 planetary nebulae in M31: a kinematic survey with the PN.S*” (PI: K. Kuijken)
- N6-02A, 3G, William Herschel Telescope, AUTOFIB2/WYFFOS, 1–3 May 2002, “*Globular cluster kinematics at large radii in M49*” (PI: **A. Romanowsky**)
- N5-02A, 4D, William Herschel Telescope, PN.Spectrograph, 11–14 Mar 2002, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: K. Kuijken)

- P20-02A, 4D, William Herschel Telescope, PN.Spectrograph, 7–10 Mar 2002, “*Determining the dynamics of round elliptical galaxies using the PN.S*” (PI: M. Merrifield)
- P12-01B, 3D, William Herschel Telescope, PN.Spectrograph, 16–18 Sep 2001, “*Planetary nebula kinematics of flattened early-type galaxies*” (PI: M. Merrifield)
- N12-01B, 3D, William Herschel Telescope, PN.Spectrograph, 13–15 Sep 2001, “*Planetary nebula kinematics of flattened early-type galaxies*” (PI: K. Kuijken)
- N11-01A, 2D, William Herschel Telescope, PN.Spectrograph, 18–19 Jul 2001, “*Planetary nebula kinematics of round elliptical galaxies*” (PI: K. Kuijken)
- P51-01A, 1D+1G, William Herschel Telescope, PN.Spectrograph, 16–17 Jul 2001, “*Planetary nebula kinematics of round elliptical galaxies*” (PI: M. Merrifield)
- 067.B-0464, 3G, Very Large Telescope, FORS2/MXU, 28–30 Apr 2001, “*Planetary nebula kinematics in elliptical galaxy halos*” (PI: K. Kuijken)
- N5-00A, 0.5D+1.5G, William Herschel Telescope, AUTOFIB2/WYFFOS, 25–28 May 2000, “*Planetary nebulae in Virgo cluster galaxies*” (PI: N. Douglas)