David L. Nidever **Curriculum Vitae**

Department of Physics, MSU
Barnard Hall, Room 203
Bozeman, MT 59717

Email: dnidever@montana.edu
Tel: (434) 249-6845
https://dnidever.github.io

Academic Employment History

- Associate Professor, Montana State University, September 2025 —
- Guest Researcher, Center for Computational Astrophysics, Flatiron Institute, Jan 2024 - August 2024
- Assistant Professor, Montana State University, September 2019 — 2025
- Assistant Research Professor, Montana State University, September 2017 - August 2019
- Associate Scientist, National Optical Astronomy Observatory (NOAO), August 2016 - August 2019
- LSST Data Management Survey Science Lead / Assistant Astronomer, LSST/Steward Observatory, August 2015 - July 2016
- Dean B. McLaughlin Fellow, University of Michigan, August 2012 - July 2015
- APOGEE Research Associate, The University of Virginia, January 2010 - July 2012
- Graduate Research Assistant, The University of Virginia, August 2004 - December 2009
- Undergraduate Research Assistant, San Francisco State University, January 1999 - November 2001

Education

- The University of Virginia, Charlottesville, VA, September 2004 - December 2009
  Ph.D in Astronomy, December 2009
  M.S. in Astronomy, May 2006
- San Francisco State University, San Francisco, CA, September 1998 - May 2001
  B.A. in Philosophy, August 2000
  B.S. in Physics with Concentration in Astrophysics, May 2000

Research Interests

- Near-field cosmology, galaxy formation and evolution
- Large sky surveys, optical/IR imaging and spectroscopy
- Milky Way structure and chemical evolution
- Stellar populations, structure and assembly history of the Magellanic Clouds
- The origin of the Magellanic Stream and high velocity clouds
- Software development
- Local Group dwarf galaxies

Grants Funded As Principal Investigator ($2,403,357 Total)

9. "Collaborative Research: The Interacting Magellanic Clouds - Excavating the Fossil Evidence" **$365,000**
   National Science Foundation, 2024
8. "Crowdsourcing the Sky with the NOIRLab Source Catalog" **$390,917**
   National Science Foundation, 2021
7. "Searching for the Alpha-abundance Bimodality in the M31 Disk" **$151,403**
   James Webb Space Telescope, Cycle 1, 2021
6. "Generation of the Third Data Release of the NOIRLab Source Catalog" **$44,428**
   NSF's National Optical-Infrared Astronomy Research Laboratory/AURA, 2021
5. "Sloan Digital Sky Survey V Software and Commissioning Tasks" **$196,636**
   Astrophysical Research Consortium, 2020

4. "SDSS-IV APOGEE Radial Velocity Pipeline Upgrades" **$13,427**
   Astrophysical Research Consortium, 2020
3. "Collaborative Research: The Evolution of Dwarf Galaxies - A Comprehensive View of the Magellanic Clouds" **$371,601**
   National Science Foundation, 2019
2. "A Project to Generate All-sky Catalogs from NOAO Archive Data" **$355,104**
   National Optical Astronomy Observatory/AURA, 2018
1. "Collaborative Research: Survey of the Magellanic Stellar History" **$514,841**
   National Science Foundation, 2015

STUDENT-LED GRANTS FUNDED AS FACULTY ADVISOR ($36,000 TOTAL)

4. "Mapping the Gaseous Magellanic Stream", Erica Chwalik **$9,000**
   Montana Space Grant Consortium Graduate Fellowship, 2023
3. "Measuring Abundance Gradients in the Magellanic Clouds", Joshua Povick **$9,000**
   Montana Space Grant Consortium Graduate Fellowship, 2022
2. "Exploring the Solar System with the NOIRLab Source Catalog", Katie Fasbender **$9,000**
   Montana Space Grant Consortium Graduate Fellowship, 2021
1. "Cataloging Variable Stars Across the Sky with the NSC", Kyle Matt **$9,000**
   Montana Space Grant Consortium Graduate Fellowship, 2021

HONORS AND AWARDS

- Dean B. McLaughlin Prize Fellowship, University of Michigan, 2012-2015
- Achievement Rewards for College Scientists, The University of Virginia, 2005-2009
- Award for Excellence in Scholarship in the Sciences & Engineering, The University of Virginia, 2008+2009
- President's Fellowship, The University of Virginia, 2004-2008
- Virginia Space Grant Consortium Fellowship, The University of Virginia, 2005-2008
- Green Bank Telescope Student Support, The University of Virginia, 2006-2007
- Sigma Xi Grants-in-Aid of Research Awards, The University of Virginia, 2007
- Department of Defense Scholarship, San Francisco State University, 1999-2000

LEADERSHIP AND TEAM MEMBERSHIP ROLES

- **Working Group lead, Magellanic Genesis Survey** in SDSS-V, 2022—present
- **Survey Commissioning Scientist** for SDSS-V, 2020—2021
- **Milky Way Mapper Data Pipeline Scientist** for SDSS-V, 2019—present
- **PI:** Survey of the MAgellanic Stellar History (SMASH), ~50 nights on CTIO+DECam
- **Lead Co-I of the DECam Local Volume Exploration (DELVE) Survey** (128 nights on CTIO+DECam), leader of the Magellanic Cloud program
- **Creator of the NOIRLab Source Catalog** of ~4 billion objects and NOIRLab Astro Data Lab team member.
- **LSST Data Management Survey Science Lead**, responsible for scientific verification of the LSST software pipeline and scientific lead of the LSST DM Science Quality and Reliability Engineering (SQuaRE) group in Tucson, 2015-2016
- **Reduction pipeline team leader** for SDSS-IV/APOGEE-2, 2014-2015

- **Core team member and Architect** of the SDSS-III Apache Point Observatory Galactic Evolution Experiment (APOGEE)
- **PI:** The MAgellanic Periphery Survey (MAPS), 40 nights on 4-6m class telescopes
- **PI:** GBT Survey of the tip of the Magellanic Stream (435 hours)
- **co-PI:** Large Area Survey of the SMC Stellar Outskirts (LASSO)
- **Member** of the Galactic Australia SKA Pathfinder (GASKAP) Spectral Line survey

PROFESSIONAL, UNIVERSITY AND DEPARTMENTAL SERVICE

- Chair of the SOC of the conference "XMC II: Cloud over Yellowstone" meeting, Montana State University, Bozeman, May 22–28, 2025
- Gradual Student Committees (chair of 16, member of 14), 2017—present
- Faculty advisor for Towards a More Inclusive Academia (TaMIA) group, Jan 2020—May 2021
- Chair of the MSU Physics Colloquium committee, Sep 2018 — Aug 2021
- Member of the MSU Physics Graduate Admissions committee, Sep 2018 — present
- Co-chair of the conference "Local Group Astrostatistics: Bridging Simulations and Observations" held at the University of Michigan, Ann Arbor, June 1-4, 2015
- NOAO Time Allocation Committee member (Galactic) for semesters 2015A-2015B
- Served as HST Cycle 22 Review Panel member (Stellar Populations), 2014
- Referee for multiple manuscripts in the *Astrophysical Journal, Astronomical Journal, Astronomy & Astrophysics*, and *Monthly Notices of the Royal Astronomical Society*, 2010—present
- Served on graduate student panel that met with representatives of the research consultancy Washington Advisory Group which conducted a review of UVA's research enterprise, 2009
- Served on graduate student committee to interview candidates for the position of UVA Dean of the College and Graduate School of Arts & Sciences, 2008

CURRENT MENTEES

- Graduate student Bethany Garver, Montana State University, Dec 2018—present
- Graduate student Erica Chwalik, Montana State University, Sep 2020—present
- Graduate student Quentin Lucas, Montana State University, July 2021—present
- Graduate student Slater Oden, Montana State University, Sep 2022—present
- Graduate student Michael Reinhard, Montana State University, July 2023—present
- Graduate student Sima Taefi Aghdam, Montana State University, Sep 2023—present
- Graduate student Neel Sunil Vadodaria, Montana State University, Sep 2023—present
- Graduate student Brett Meerdink, Montana State University, Sep 2023—present
- Graduate student Andres Almeida (co-advised with Dr. Majewski), University of Virginia, Aug 2018 —present
- Undergraduate student Sarah Heller, Montana State University, Sep 2022—present

PREVIOUS MENTEES

- Postdoctoral researcher Dr. Pol Massana, Montana State University, Feb 2022—June 2024
- Postdoctoral researcher Dr. Stephen Chojnowski, Montana State University, May 2020—May 2023
- Postdoctoral researcher Dr. Yumi Choi, NOAO/MSU, Sep 2016—August 2019
- Graduate student Katie Fasbender, Montana State University, Mar 2018—July 2024
- Graduate student Joshua Povick, Montana State University, Feb 2018—May 2023
- Graduate student Kyle Matt, Montana State University, May 2020—December 2022

- Graduate student Jessica Myron, Montana State University, Sep 2020—December 2022
- Graduate student Sam Hebenstreit, Montana State University, Sep 2017—May 2020
- Graduate student Amy Miller, Montana State University, Sep 2017—Oct 2020
- Graduate student Cody Brown Montana State University, Feb 2018—Nov 2019
- Graduate student Alexander Deich, Montana State University, Oct 2018—March 2019
- Undergraduate student Madison Kadrmas, Montana State University, Oct 2017-May 2021
- Undergraduate student Charles Siders, Montana State University, Oct 2020-August 2023
- Undergraduate student Joseph Wishart, Montana State University, May 2020—Jan 2021
- Undergraduate student Chris Miller, Montana State University, Feb 2018—Feb 2019
- Undergraduate student Asher Worley, Montana State University, Oct 2017—Jan 2019
- Undergraduate student Joshua Bartkoske (co-advised with Dr. Amy Reines), Montana State University, Sep 2017—Aug 2018
- Postdoctoral researcher Dr. Duy Nguyen, University of Michigan, Nov 2013—June 2015
- Graduate student Colin Slater (co-advised with Dr. Bell), University of Michigan, 2014-2016
- Graduate student Nick Troup (co-advised with Dr. Majewski), University of Virginia, 2014-2016

RESEARCH HIGHLIGHTS

- *M31 alpha-abundance distribution with JWST*

I am pioneering the use of JWST and the NIRSpec spectrograph multi-shutter array to obtain stellar spectra and determine precise radial velocities and chemical abundances. With my Cycle 1 project, I was able to determine the alpha-element abundances of 100 stars in the M31 disk and determine that Andromeda's disk *lacks* an alpha-bimodality so prominently seen in the Milky Way. This indicates that are close neighbor had a very different chemical evolution than our own galaxy. I am leading a team of 20 scientists that are using this new JWST capability to push the boundary of chemical abundances and galactic archaeology beyond the Milky Way.

- *Crowdsourcing the Sky With the NOIRLab Source Catalog:*

Over the last several years I have been using the large NOIRLab data archive to create the largest astronomical catalog to date, currently at ~4 billion objects (Nidever et al. 2018a, 2021). My students and I are using this incredible dataset to 1) study the population of Solar System Objects including Near Earth Objects that could potentially impact the Earth (Fasbender & Nidever, 2021); 2) cataloging variable stars across the sky and using them to map the outer structure of our Milky Way galaxy; and, 3) detecting and studying low-mass but fast-moving, nearby stars. The National Science Foundation recently accepted a $351k proposal to fund this work.

- *Galactic Structure and Chemical Evolution with APOGEE:*

Used the APOGEE catalog of Milky Way giant stars, reduced with the custom software that I developed, to study the chemistry and kinematics of our galaxy. Utilized the APOGEE red clump catalog to study the α-element abundances across the Milky Way and discovered that the early evolution of the MW disk was characterized by stars that shared a similar star formation history and were formed in a well-mixed, turbulent, and molecular-dominated environment. Also used the accurate APOGEE measurements of stellar motions to discover a new population of high-velocity stars in the Milky Way bar. See Nidever et al. (2012b, 2014, 2015a). Finally, I used the chemical abundances from APOGEE Magellanic Clouds survey to determine that the Clouds had a low star

formation efficiency early on in their formation indicating that they formed far from large galaxies and only recently fell into the Milky Way.

• *Probing the Assembly of Dwarf Galaxies with the Magellanic Clouds:*
Used large-aperture optical telescopes to measure motions and compositions of stars in the outskirts of the Magellanic Clouds, dwarf satellite galaxies of the Milky Way. Discovered a new, extended, halo-like stellar population of the Large Magellanic Cloud and an extended stellar periphery around the Small Magellanic Cloud. PI of the Survey of the MAgellanic Stellar History (SMASH), a 40 night NOAO DECam survey of the extended stellar components of the LMC/SMC. See Majewski, Nidever et al. (2009) and Nidever et al. (2011, 2015b). I am currently co-leading the Magellanic Clouds portion of the DECam Local Volume Exploration (DELVE) Survey which is in the process of creating a fully-filled and deep stellar map of the Magellanic Clouds.

• *The Origin and Structure of the Magellanic Stream:*
Used the Leiden-Argentine-Bonn all-sky radio survey and the 100-meter Green Bank Telescope to map out the morphology and velocity of the Magellanic Stream, a giant neutral hydrogen gas structure orbiting our Milky Way galaxy. Used new analysis techniques to discover the origin of the Stream in the Large Magellanic Cloud and developed a new formation mechanism via stellar feedback. See Nidever et al. (2008, 2010).

• *The Fine-Scale Dust Structure of the Milky Way Galaxy:*
Used observations at infrared wavelengths from the Two Micron All Sky Survey and the *Spitzer Space Telescope*, as well as novel techniques, to map out the dust structure in our Milky Way galaxy. See Majewski, Zasowski & Nidever (2010) and Nidever et al. (2012a).

• *Accurate Absolute Radial Velocities of ~900 Stars:*
Developed software to measure highly-accurate absolute line-of-sight velocities for ~900 stars using ~15,000 digital stellar spectra from the Keck 10-m and Lick 3-m telescopes previously obtained by the California & Carnegie Planet Search Project. These measurements are often used by members of the community as radial velocity standards. See Nidever et al. (2002).

PRINCIPAL INVESTIGATOR OBSERVING PROPOSALS

- *"Searching for the Alpha-Abundance Bimodality in the M31 Disk"*
  Awarded 14.8 hours on James Webb Space Telescope
- *"Exploring the LMC Stellar Halo with SMASH and M2FS"*
  Awarded 2 nights on 6.5-meter Magellan telescope with M2FS
- *"The Shanghai Michigan Bulge (ShaMBu) Survey"*
  Awarded 1 night on 6.5-meter Magellan telescope with M2FS
- *"Survey of the MAgellanic Stellar History (SMASH)"*
  Approved NOAO DECam survey. Awarded 30 nights on the 4-m and 28 nights on the 0.9-m telescopes at the Cerro Tololo Inter-American Observatory, Chile.
- *"Exploring the Kinematical and Chemical Properties of the LMC Stellar Periphery"*
  Awarded 8.5 nights on the 6.5-meter Magellan telescope, Chile.
- *"DECam Search for the Stellar Component of the Magellanic Leading Arm"*
  Awarded 4 nights on the 4-m telescope at the Cerro Tololo Inter-American Observatory, Chile.
- *"RV Confirmation of APOGEE RV Variables"*

Awarded 2 half-nights of Director's discretionary time on the Apache Point Observatory 3.5-meter telescope.

- *"DECam Magellanic Clouds Survey Pilot Project"*
  Awarded 2 nights on the 4-m telescope at the Cerro Tololo Inter-American Observatory, Chile.
- *"Probing the Southern Bulge for High-Velocity Bar Stars"*
  Awarded 5 nights on the 6.5-meter Magellan telescope, Chile.
- *"A Large Archaeological Survey of the Small Magellanic Cloud"*
  Awarded 3 nights on the 4-m telescope at the Cerro Tololo Inter-American Observatory, Chile.
- *"Exploring the Nature of the Extended Population of the Large Magellanic Cloud"*
  Awarded 3 nights on the 6.5-meter Magellan telescope, Chile.
- *"Exploring the Periphery of the Large Magellanic Cloud"*
  Awarded 4 nights on the 6.5-meter Magellan telescope, Chile.
- *"Constraining the Milky Way Mass with the Magellanic Stream"*
  Awarded 435 hours over 2 years on the 100-meter Green Bank radio Telescope, West Virginia.
- *"A New Component of the Large Magellanic Cloud: Stellar Halo or Tidal Debris?"*
  Awarded 10 nights on the 4-m telescope at the Cerro Tololo Inter-American Observatory, Chile.
- *"Are There Young Stars in the Magellanic Stream"*
  Awarded 3 nights on the 1.5-m telescope at the Cerro Tololo Inter-American Observatory, Chile.
- *"A New Component of the Large Magellanic Cloud: Stellar Halo or Tidal Debris?"*
  Awarded 5 nights on the 4-m telescope at the Cerro Tololo Inter-American Observatory, Chile.
- *"HI Mapping of the Extended Magellanic Stream"*
  Awarded 102 hours on the Green Bank Telescope, West Virginia.
- *"Reaching the edge of the Large Magellanic Cloud"*
  Awarded 8 nights on the 4-m telescope at the Cerro Tololo Inter-American Observatory, Chile.

CO-INVESTIGATOR OBSERVING PROPOSALS

- *"SPC: Stellar Connection with the Gaseous Magellanic Leading Arm"*
  PI: Kat Barger, Awarded 111 hours on the Green Bank Telescope.
- *"DECam Dwarf Galaxy Survey"*
  PI: Alex Drlica-Wagner, Awarded 128 nights on the CTIO-4m + DECam.
- *"How did M64 get its gas? Revealing M64's Most Dominant Merger Event using its Stellar Halo"*
  PI: Adam Smercina, Awarded 16.9 hours on Subaru + Hyper Suprime Cam.
- *"The Nature of Newly Discovered LMC Substructures"*
  PI: Antonela Monachesi, Awarded 3 nights on du Pont + APOGEE-S.
- "*Washington Photometry For High Fidelity APOGEE-2S Targeting of Outer Magellanic Cloud Giants"*, PI: Doug Geisler, Awarded 7 nights on Swope.
- *"The large but very diffuse Milky Way satellite galaxy Crater II: Stellar Populations"*
  PI: Alistair Walker, Awarded 3 nights on CTIO-4m + DECam.
- *"The Association of 'DES Dwarf Spheroidals' with the Magellanic Clouds"*
  PI: Ed Olszewski, Awarded 3 nights on the 6.5-meter Magellan telescope with M2FS.
- *"The faint population of variable stars in the Sextans dwarf spheroidal galaxy"*
  PI: Kathy Vivas, Awarded 2 nights on CTIO-4m + DECam.
- *"A Spectroscopic Reconnaissance of Newly-Discovered Dwarf Galaxies in the Southern Sky"*
  PI: Mario Mateo, Awarded 6 nights on the 6.5-meter Magellan telescope with M2FS.
- *"The Lowest Mass Galaxies with Extended Star Forming Histories: A Cosmological Challenge"*

PI: Carme Gallart, Awarded 13 orbits on the Hubble Space Telescope with ACS/WFC3.
- *"The Stellar Halos and Dwarf Satellites of M82+/-1"*
  PI: Eric Bell, Awarded 2 nights on Subaru with Hyper Suprime-Cam.
- *"Verification and Characterization of Hot Jupiter Candidates Discovered by SDSS-III APOGEE-1"*
  PI: Nicholas Troup, Awarded 1 night on 3.5-meter WIYN telescope and DSSI.
- *"Washington Photometry For High Fidelity APOGEE-2 Targeting of Magellanic Cloud Giants"*
  PI: Douglas Geisler, Awarded 9 nights on ESO 2.2-meter telescope and WFI.
- *"An Abridged Tail: Mapping the Palomar 5 Tidal Stream with DECam"*
  PI: Marla Geha, Awarded 2 nights on CTIO 4-meter telescope and DECam.
- *"Does Infalling Gas Survive the Galactic Halo? A Case Study of Complex A"*
  PI: Kat Barger, Awarded 72 hours on the Green Bank Telescope.
- *"The Carnegie RR Lyrae Program"*
  PI: Wendy Freedman, Awarded 779 hours on the Spitzer Space telescope.
- *"Diagnosing the Agents of Aging on the Magellanic Stream"*
  PI: Lou Nigra, Awarded 75 hours on the Green Bank Telescope.
- *"GASKAP: The Galactic Australian SKA Pathfinder Spectral Line Survey"*
  PI: John Dickey, Approved by CSIRO as an ASKAP survey project (9,000 hours).
- *"Probing the Ionized Gas in the Magellanic Stream"*
  PI: Christopher Thom, Awarded 14 orbits on the Hubble Space Telescope with COS.
- *"Galactic Structure and Star Formation in Vela-Carina"*
  PI: Steven Majewski, Awarded 119 hours on the Spitzer Space Telescope.

SOFTWARE PACKAGES DEVELOPED

- *DOPPLER* - Fully-automated, generic, spectroscopic fitting software to obtain radial velocity and stellar parameter using a Cannon machine learning model and elemental abundances using a Payne Artificial Neural Network model. Available online at https://github.com/dnidever/doppler.
- *Prometheus* - A generic Python-based PSF photometry software. Available online at https://github.com/dnidever/prometheus.
- *Fraunhofer* - A generic spectroscopic stellar abundance determination software using the Synspec spectral synthesis software. Available online at https://github.com/dnidever/fraunhofer.
- *NOIRLab Source Catalog (NSC) Software* - Suite of software to automatically generate the NSC catalog including measurement, photometric and astrometric calibration, cross-matching and merging of results for ~3 billion objects. Described in Nidever et al. (2018a) and available at https://github.com/noaodatalab/noaosourcecatalog.
- *APOGEE Data Reduction Pipeline* - Fully-automated pipeline to reduce the raw up-the-ramp APOGEE spectroscopic data consisting of 300 fiber spectra per observation (IDL, ~20,000 lines of code). Described in Nidever et al. (2015) and available at https://github.com/sdss/apogee_drp.
- *PHOTRED* - Fully-automated, generic, photometric reduction package based on DAOPHOT/ALLSTAR/ALLFRAME. Any flat images can be input and final, calibrated, PSF photometry (with accurate astrometry) plus diagnostic webpages with plots are output (IDL, ~60,000 lines of code). Described in Nidever et al. (2017) and available online at https://github.com/dnidever/PHOTRED.
- *SPECFIT* - Fully-automated software to fit synthetic spectra to observed spectra to obtain stellar parameters Teff, log*g*, [M/H], [α/Fe], RV and *v*sin*i* (IDL, ~7,700 lines of code). Described in Nidever et al. (2019b, in prep.) and available online at https://github.com/dnidever/specfit

- *Gaussian Decomposition software* - Fully-automated software to Gaussian decompose spectra in an HI datacube. (in IDL, ~4,600 lines of code). Described in Nidever, Majewski & Burton (2008) and available online at https://github.com/dnidever/gaussdecomp
- *ISOFIT* - Fully-automated software to fit theoretical isochrones to observed color-magnitude diagrams and solve for distance, reddening, age and metallicity (IDL, ~800 lines of code).
- *EZ_SPAM* - Easy Stellar Parameters And Metallicites. Stellar parameters (Teff, logg) and metallicities are obtained for observed stellar spectra using calculated Lick indices and fitting functions (with J.Carlin, in IDL, ~2,000 lines of code).
- *GALSAT* - N-body (and restricted N-body) code for modeling galactic satellites in the MW potential (based on the N-body code by Piet Hut and Jun Makino). Includes a program to automatically find the best-matching MW satellite orbit (or MW satellite tidal tails) to observed data - using a genetic algorithm to search the orbital parameter space (in C++ with IDL interface, ~1,800 lines of code). Available online at https://github.com/dnidever/galsat

Press & Media

- Article in NOIRLab The Mirror magazine *"News from the Magellanic Clouds"* (Jan 2021)
- NOIRLab press release *"Dark Energy Camera Snaps Deepest Photo yet of Galactic Siblings"* (Dec 2020)
- Press conference panelist, American Astronomical Society Meeting: *"Follow-up and Implications of a Recent Star Formation Event Far into the Milky Way's Halo"* (Jan 2020)
- Simons Foundation press release *"The Milky Way's Impending Galactic Collision Is Already Birthing New Stars"* (January 2020). Covered in online press such as PhysOrg.
- Press conference panelist, American Astronomical Society Meeting: *"It's Never Too Late to Get Active"* (Jan 2019)
- SDSS, NOAO and Montana State University press releases *"It's Never Too Late to Get Active"*, (January 2019). Covered in online press such as PhysOrg.
- "*Milky Way's baby brother caught copying its star shredding habit*", New Scientist (Sep. 29, 2016)
- SDSS press release "*An Oasis in the Brown Dwarf Desert – Astronomers Surprised,* Relieved" (March 2016).
- NOAO press release "*NOAO: Smashing Results About Our Nearby Galactic Neighbors"* (Jan 2015). Widely covered in online press such as Astronomy Magazine, Space Daily, PhysOrg.
- Press conference panelist, American Astronomical Society Meeting: *"First Results of the Survey of the Magellanic Stellar History - SMASH"* (Jan 2015)
- *"Smashing results about our nearby galactic neighbors"*, Astronomy Magazine, January, 2015
- Commented in *"Star Birth Sparked at the Galaxy's Edge"*, Scientific American, April 4, 2014
- Research mentioned in *"The Galaxy Collision Next Door"*, Scientific American, Nov. 22, 2013
- *"Giant band of galactic gas likely has dual origin",* Nature News, May 21, 2013
- Research mentioned in *"Star Performers: The Magellanic Clouds",* Scientific American, March 20, 2013
- Magellanic Stream image on Astronomy Picture Of the Day (APOD) January 25, 2010 and August 15, 2013; in the *HST* press release *"Hubble finds source of Magellanic Stream",* August 8, 2013; and in the book *"Space"*, Dorling Kindersley, 2010.
- Sloan Digital Sky Survey-III press release *"So These Stars Orbit in a Bar ..."* (Dec 2012).
- Sloan Digital Sky Survey-III blog post *"APOGEE Confirms Its First Known Exoplanet!"* (Jun 2012).

- SDSS-III press release *"New Instrument Peers Through the Heart of the Milky Way"* (Jan 2012).
- National Radio Astronomy Observatory press release *"Giant Intergalactic Gas Stream Longer than Thought"* (Jan 2010). Widely covered in online press such as National Geographic News, Science Daily, Astronomy Now, PhysOrg, and 40+ others.

INVITED CONFERENCE PRESENTATIONS

- *"Parting the Stellar Crowds: Unveiling the Universe through Stetson's Software Legacy",* Resolved Stellar Populations: From Photographic Plates to Large Surveys, Florence, Italy, October 2024
- "*Mapping the Magellanic Clouds with Big Surveys"* V VISCACHA & friends meeting, La Serena, Chile, September 2024
- *"The Origin of High-Velocity Milky Way Bar Stars"*, AAS 244 Meeting-in-a-Meeting, Secular Evolution in Disk Galaxies: Internal Processes and their Impact on Galactic Dynamics, Madison, WI, June 2024
- *"Unveiling the Galactic Dance of The Cloud with Chemical Alchemy"*, XMC "Milky Clouds over Manhattan" Workshop, Flatiron Institute, New York, NY, February 2024
- *"The Prevalence of the alpha-bimodality: First JWST alpha-abundance Results in M31"*, IAU Symposium 377, Early Disk Galaxy Formation: From JWST to the Milky Way, Kuala Lumpur, Malaysia, February 2023
- **Review Talk:** *"The Evolution of the Magellanic Clouds and their Impact on the Milky Way"*, The Local Group: Assembly and Evolution symposium, Space Telescope Science Institute, Baltimore, MD, September 2020
- **Plenary talk:** *"Unraveling the Evolution of the Magellanic Clouds with APOGEE"*, SDSS-IV collaboration meeting, June 2020
- **Review Talk:** *"Unraveling the Evolution of the Magellanic Clouds with SMASH and APOGEE"*, A synoptic view of the Magellanic Clouds: VMC, Gaia and beyond, ESO, Germany, September 2019
- *"The Evolution of the Magellanic Clouds and WFIRST"*, Science in Our Own Backyard: Exploring the Galaxy and the Local Group with WFIRST, Caltech, June 2019
- *"Unraveling the Chemical Evolution of the Magellanic Clouds"*, Stellar Abundances in Dwarf Galaxies Meeting, Denver, CO, June 2018
- *"Mapping the LMC Outskirts with DECam"*, Lorentz Workshop on Globular Clusters and Galaxy Halos, Leiden, Netherlands, Feb 2016
- *"Studying Structure Formation on on Small Scales with SMASH and the GMT"*, Giant Magellanic Telescope Community Science Meeting, Pacific Grove, CA, Oct 2015
- *"Tracing Chemical Evolution over the Extent of the Milky Way's Disk with APOGEE Red Clump Stars"*, American Astronomical Society APOGEE Special Session, January 2015
- *"Tracing chemical evolution over the extent of the Milky Way's Disk with APOGEE Red Clump Stars"*, SDSS-IV Collaboration Meeting, Salt Lake City, July 2014
- *"Exploring Substructure in the Milky Way's Midplane"*, The Outer Limits of the Milky Way meeting-in-a-meeting at the 222nd meeting of the American Astronomical Society, Indianapolis, IN, June 2013
- *"Mapping the Extended Tail of the Magellanic Stream"*, The Magellanic System: In Perspective conference, Perth, Australia, September 2012
- **Plenary talk:** *"First APOGEE Results on the Galactic Bulge Kinematics"*, SDSS-III Collaboration Meeting, Vanderbilt University, Nashville, August 2011

- *"Revealing the Stellar Periphery of the Magellanic Clouds",* Magellanic Clouds splinter meeting of the conference "Zooming in: The Cosmos at High Resolution", Bonn, Germany, September 2010

CONTRIBUTED CONFERENCE PRESENTATIONS

- *"Obtaining Reliable Radial Velocities and Chemical Abundances from JWST NIRSpec Spectra"*, Improving JWST Data Products Workshop, STScI, Baltimore, MD, November 2023
- *"How Prevalent is the alpha-bimodality in the Local Group?"*, SDSS-V Collaboration Meeting, Flatiron Institute, New York, NY, July 2023
- *"APOGEE Stars as a Template Library to Estimate Stellar Parameters"*, Gaia XPloration Workshop, Cambridge, UK, May 2023
- *"The Prevalence and Origin of the alpha-bimodality"*, Wide-Field Spectroscopy vs. Galaxy Formation Theory, Biosphere, Tucson, March 2023
- *"Doppler and Prometheus: New Python Packages for Deriving Radial Velocities and PSF Photometry"*, American Astronomical Society, Seattle, January 2023
- *"Recent Star Formation in the Magellanic Stream Leading Arm"*, Galactic and Extragalactic High Velocity Clouds, Green Bank Observatory, June 2022
- *"Unraveling the Clouds with SMASH and DELVE-MC"*, DELVE Collaboration Meeting, July 2020
- *"Unraveling the Chemical Evolution of the Magellanic Clouds"*, Magellanic Clouds Fest 2, Tucson, AZ, May 2019
- *"Galaxy Evolution and Resolved Stellar Populations"*, NOAO Community Needs for Science in the 2020s, Feb 2019
- *"Reproducing the Alpha-Abundance Bimodality with Clumpy Star Formation*", National Optical Astronomy Observatory, Tucson, AZ, Oct 2018
- *"Alpha-abundance Bimodality and Clumpy Star Formation: The Milky Way and Magellanic Clouds"*, The Life and Times of the Milky Way Meeting, Shanghai, China, Nov 2018
- *"Uncovering the SMASHed up Magellanic Clouds"*, DECam Community Science Workshop, Tucson, AZ, May 2018
- *"Cataloging the Entire Sky with NOAO"*, American Astronomical Society, National Harbor, MD, January 2018
- *"Cataloging the Entire Sky with NOAO"*, Building the Infrastructure for Time-Domain Alert Science in the LSST Era, Tucson, AZ, May 2017
- *"Mapping the LMC Outskirts with DECam"*, Magellanic Clouds Workshop, Madison, WI, March 2016
- *"Tracing Chemical Evolution over the Extent of the Milky Way's Disk with APOGEE Red Giant Stars"*, Local Group Astrostatistics conference, Ann Arbor, Michigan, June 2015
- *"Tracing Chemical Evolution over the Extent of the Milky Way's Disk with APOGEE Red Giant Stars"*, KITP Conference: The Milky Way and its Stars: Stellar Astrophysics, Galactic Archaeology, and Stellar Populations, Santa Barbara, CA, Feb 2015
- *"Tracing Chemical Evolution over the Extent of the Milky Way's Disk with APOGEE Red Giant Stars"*, Chemical and dynamical evolution of the Milky Way and Local Group galaxies, Sexten Center for Astrophysics, Sexten, Italy, Jan 2015
- *"Tracing Chemical Evolution over the Extent of the Milky Way's Disk with APOGEE Red Giant Stars"*, SDSS-III/IV Collaboration Meeting, Park City, UT, July 2014

- *"Exploring the Evolution of the Magellanic Clouds with APOGEE-2 and SMASH*", SDSS-IV APOGEE-2 meeting, National Autonomous University of Mexico, Mexico City, Mexico, March 2014
- *"A Tidally-Stripped Stellar Component of the Magellanic Bridge"*, Magellanic Clouds Fest, Tucson, AZ, Oct 2013
- *"Disk Destruction and (Re)-Creation in the Magellanic Clouds"*, Structure and Dynamics of Disk Galaxies, Petit Jean Mountain, Arkansas, August 2013.
- *"The Magellanic Stream"*, The Galaxy Gas Supply, Green Bank, WV, June 2013
- *"Updates on APOGEE Radial Velocities and Substellar Companion Search"*, SDSS Collaboration Meeting, Johns Hopkins University, Baltimore, MD, June 2013
- *"First Detection of High-Velocity Milky Way Bar Stars"*, SDSS-III Collaboration Meeting, Rio, Brazil, June 2012
- *"Exploring the Galactic bulge/bar with APOGEE and APOGEE-South"*, Ringberg Castle, Germany, April 2012
- *"First APOGEE Results on the Galactic Bulge Kinematics"*, SDSS-III APOGEE meeting, Texas Christian University, Fort Worth, TX, Jan 2012
- *"The Halos of Dwarf Galaxies"*, Seeing the Big Picture: DECam Community Workshop, Tucson, AZ, August 2011
- *"The Halos of Dwarf Galaxies"*, National Radio Astronomy Observatory Symposium, Charlottesville, VA, April 2011
- *"Revealing the Stellar Periphery of the Small Magellanic Cloud"*, A Universe of Dwarf Galaxies conference, Lyon, France, June 2010
- *"The Extended Population of the Large Magellanic Cloud"*, SPLASH Team meeting, Santa Cruz, CA, Sep 2007
- *"The Extended Population of the Large Magellanic Cloud"*, Elizabeth and Frederick White Conference on the Magellanic System, Sydney, Australia, July 2007
- *"The Origin of the Magellanic Stream and Its Leading Arm"*, Galaxies in the Local Volume conference, Sydney, Australia, July 2007
- *"Tracking the Magellanic Stream(s): From Birthplace out to 100 degrees"*, The Magellanic Clouds and dSph satellites: a nearby laboratory for galaxy evolution, Vienna, Austria, April 2006

Invited Seminars and Colloquia

- NOIRLab Cerro Tololo InterAmerican Observatory, La Serena, Chile, September 2024
- American Museum of Natural History, New York, NY, March 2024
- Space Telescope Science Institute/JHU, Baltimore, MD, March 2024
- University of Sydney, Sydney, Australia, June 2023
- Lund University, June 2023
- University of Surrey, UK, May 2023
- Leibniz Institute for Astrophysics Potsdam, Germany, April 2019
- Louisiana State University, Baton Rouge, LA, April 2019
- Montana State University Applied Math Symposium, Bozeman, MT, Dec 2018
- Steward Observatory/NOAO, Tucson, AZ, Nov 2017
- Montana State University, Bozeman, MT, Oct 2017
- NOAO Friday Lunch Talk, Tucson, AZ, Sep 2017
- Institute of Astrophysics, Canary Islands, Spain, July 2017

- Max Planck Institute for Astrophysics, Heidelberg, Germany, June 2016
- Caltech, Pasadena, California, April 2016
- University of California, Santa Cruz, CA, March 2016
- University of Virginia/NRAO, Charlottesville, VA, December 2015
- Interinstitutional Laboratory of e-Astronomy (LIneA) Webinar, April 2015
- University of Cambridge Institute for Astrophysics, November 2014
- Large Synoptic Survey Telescope, Tucson, AZ, Oct 2014
- New Mexico State University Department of Astronomy, Las Cruces, NM, Oct 2014
- University of Wisconsin - Madison Department of Astronomy, Madison, WI, April 2013
- Michigan State University, East Lansing, MI, February 2013
- University of Michigan, Ann Arbor, MI, Nov 2012
- University of Notre Dame, Notre Dame, IL, Nov 2012
- Columbia University, New York, NY, Nov 2012
- NYU Center for Cosmology and Particle Physics, New York, NY, Nov 2012
- UIUC Department of Astronomy, Urbana, IL, October 2012
- Penn State University Center for Exoplanets and Habitable Worlds, State College, PA, February 2012
- Carnegie Observatories Department of Terrestrial Magnetism, Washington, D. C., Nov 2011
- Goddard Space Flight Center, Greenbelt, MD, Nov 2011
- University of California, Berkeley, CA, Nov 2011
- Carnegie Observatories, Pasadena, CA, Nov 2011
- University of California, Santa Cruz, CA, Nov 2011
- Space Telescope Science Institute, Baltimore, MD, Oct 2011
- Green Bank Observatory, Green Bank, WV, Nov 2010
- Center for Astrophysics, Boston, MA, September 2010
- University of North Carolina, Chapel Hill, March 2008
- Cerro Tololo Inter-American Observatory, Chile, August 2007
- University of Virginia/National Radio Astronomy Observatory, Charlottesville, VA, Sep 2006
- U.S. Naval Research Laboratory, Washington, D. C., July 2006

TEACHING ACTIVITIES

- Astronomy 475: Observational Astronomy Techniques, Montana State University — Fall 2025
- Astronomy 560: Stellar Astrophysics, Montana State University — Fall 2024
- Astronomy 475: Observational Astronomy Techniques, Montana State University — Fall 2023
- Astronomy 372: Stars and the Milky Way, Montana State University — Spring 2023
- Physics 494/594: Introduction to Python (Seminar), Montana State University — Spring 2023
- Astronomy 371: The Solar System, Montana State University — Fall 2022
- Physics 494/594: Introduction to Python (Seminar), Montana State University — Fall 2022
- Astronomy 372: Stars and the Milky Way, Montana State University — Spring 2022
- Physics 491: Observational Astronomy, Montana State University — Fall 2021
- Physics 491: Observational Astronomy, Montana State University — Spring 2020
- English Teacher in Hungary and Austria — 2002—2003
- Science Teacher, Johns Hopkins University Center for Talented Youth — Summer 2002
- Math Advantage Tutoring, tutor, Washington DC area — 2002
- Math Teacher, AACE Upward Bound, San Francisco — Summer 2001
- Physics 112: General Physics Lab, San Francisco State University — Summer 2001
- Astronomy 116: Astronomy Lab, San Francisco State University — Summer 2000, Fall 2000

Publication Metrics

196 papers in refereed journals (20 first author).
Publications cited 30,990/2223 times (Any author/First author) through 7/2025
H-indices: 81/17 (Any author/First author)

Refereed Publications

Underlined names indicate students and postdoctoral researchers mentored by Dr. Nidever.

196. JWST Reveals that the Andromeda Galaxy's Stellar Disk Contains No Milky Way-like Alpha-Abundance Bimodality
Nidever, D. L., et al. (2024), Science, in preparation

195. Third Data Release of the All-sky NOIRLab Source Catalog
Fasbender, K., **Nidever, D. L.**, et al., (2024), The Astrophysical Journal, in preparation

194. The Nineteenth Data Release of the Sloan Digital Sky Survey
SDSS Collaboration, Adame Pallathadka, G., et al., (2025), AAS Journals, submitted

193. Sloan Digital Sky Survey-V: Pioneering Panoptic Spectroscopy
Kollmeier, J. A., et al., (2025), Astronomical Journal, submitted

192. Asteroseismology of Metal-poor Red Giants Observed by TESS
Marasco, C., Tayar, J., & Nidever, D. L., (2025), The Astrophysical Journal, 986, 2, 144

191. Vertical structure and kinematics of the LMC disc from SDSS/Gaia
Jiménez-Arranz, Ó., et al., (2025), A&A, 698, A88

190. Tidal Debris Candidates from the ω Centauri Accretion Event and its Role in Building Up the Milky Way Halo
Anguiano, B., et al., (2025), The Astrophysical Journal, in press

189. Andromeda XXXV: The Faintest Dwarf Satellite of the Andromeda Galaxy
Arias, J. M., et al., (2025), The Astrophysical Journal Letters, 982, 1, L3

188. Evidence of Truly Young High-α Dwarf Stars
Lu, Y., et al., (2025), The Astronomical Journal, 169, 3, 168

187. A Pride of Satellites in the Constellation Leo? Discovery of the Leo VI Milky Way Satellite Galaxy with DELVE Early Data Release 3
Tan, C. Y, et al., (2025), The Astrophysical Journal, The Astrophysical Journal, 979, 2, 176

186. Discovery and Spectroscopic Confirmation of Aquarius III: A Low-mass Milky Way Satellite Galaxy
Cerny, W., et al., (2025), The Astrophysical Journal, 979, 2, 164

185. The Extremely Metal Rich Knot of Stars at the Heart of the Galaxy
Rix, H. W., et al. (2024), The Astrophysical Journal, 975, 2, 293

184. Revealing the Chemical Structure of the Magellanic Clouds with APOGEE. III. Abundance Gradients of the Small Magellanic Cloud
Povick, J. T., **Nidever, D. L.**, et al. (2024), Monthly Notices of the Royal Astronomical Society, submitted

183. Revealing the Chemical Structure of the Magellanic Clouds with APOGEE. II. Abundance Gradients of the Large Magellanic Cloud
Povick, J., **Nidever, D. L.**, et al. (2024), Monthly Notices of the Royal Astronomical Society, submitted

182. Revealing the Chemical Structure of the Magellanic Clouds with APOGEE. I. Calculating Individual Stellar Ages of RGB Stars in the Large Magellanic Cloud
Povick, J., **Nidever, D. L.**, et al. (2024), Monthly Notices of the Royal Astronomical Society, 533, 3, 3685

181. Discovery of a Split Stellar Stream In the Periphery of the Small Magellanic Cloud
Nidever, D. L. (2024), Monthly Notices of the Royal Astronomical Society, 533, 3, 3238

180. Unveiling the purely young star formation history of the SMC's northeastern shell from colour-magnitude diagram fitting
Sakowska, J. D., et al. (2024), Monthly Notices of the Royal Astronomical Society, 2024, 532, 4, 4272

179. LMC Stars and Where to Find Them: Inferring Birth Radii for External Galaxies
Lu, Y. et al., (2024), Monthly Notices of the Royal Astronomical Society, 532, 411

178. A Perspective on the Milky Way Bulge Bar as Seen from the Neutron-capture Elements Cerium and Neodymium with APOGEE
Sales-Silva, J. V., et al., (2024), The Astrophysical Journal, 965, 119

177. A Galactic Eclipse: The Small Magellanic Cloud is Forming Stars in Two, Superimposed Systems
Murray, C. E. et al, (2024), The Astrophysical Journal, 962, 120

176. Exploring the Origin of the Distance Bimodality of Stars in the Periphery of the Small Magellanic Cloud with APOGEE and Gaias
Almeida, A., Majewski, S. R., **Nidever, D. L**., et al. (2024), Monthly Notices of the Royal Astronomical Society, 529, 3858

175. The Magellanic Puzzle: origin of the periphery
Massana, P., **Nidever, D. L.**, & Olsen, K., (2024), Monthly Notices of the Royal Astronomical Society, 527, 8706

174. Chemical abundances of the young inner-disc open cluster NGC 6705 observed by APOGEE: sodium-rich and not α-enhanced

Loaiza-Tacuri, V., et al., (2023), Monthly Notices of the Royal Astronomical Society, 526, 2

173. Chemo-Dynamical Tagging in the Outskirts: The Origins of Stellar Substructures in the Magellanic Clouds
Munoz, C., Monachesi, A., **Nidever, D. L.**, et al., (2023), Astronomy & Astrophysical, 680, A79

172. A Tale of Two Disks: Mapping the Milky Way with the Final Data Release of APOGEE
Imig, J., et al., (2023), The Astrophysical Journal, 954, 24

171. Identification of Galaxy-Galaxy Strong Lens Candidates in the DECam Local Volume Exploration Survey Using Machine Learning
Zaborowski, et al., (2023), The Astrophysical Journal, 954, 68

170. The Eighteenth Data Release of the Sloan Digital Sky Surveys: Targeting and First Spectra from SDSS-V
Almeida et al., (2023), The Astrophysical Journal Supplement, 267, 44

169. DELVE 6: An Ancient, Ultra-faint Star Cluster on the Outskirts of the Magellanic Clouds
Cerny, W., et al., (2023), The Astrophysical Journal Letters, 953, L21

168. Exploring the Evolution of Massive Clumps in Simulations That Reproduce the Observed Milky Way α-element Abundance Bimodality
Garver, B., **Nidever, D. L.**, et al., (2023), The Astrophysical Journal, 953, 128

167. Chemical abundances of the young inner-disc open cluster NGC 6705 observed by APOGEE: sodium-rich and not α-enhanced
Loaiza-Tacuri, et al. (2023), Monthly Notices of the Royal Astronomical Society, 526, 2378

166. Confident Detection of Doubly-Ionized Thorium in the Extreme Ap Star CPD-62 2717
Chojnowski, D., Hubrig, Svetlana, **Nidever, D. L.**, et al., (2023), Monthly Notices of the Royal Astronomical Society, 522, 5931

165. Origins of the Evil Eye: M64's Stellar Halo Reveals the Recent Accretion of an SMC-mass Satellite
Smercina, A., et al., (2023), The Astrophysical Journal Letters, 949, L37

164. The Imprint of Clump Formation at High Redshift. II. The Chemistry of the Bulge
Debattista, V., et al., (2023), The Astrophysical Journal, 946, 118

163. Pegasus IV: Discovery and Spectroscopic Confirmation of an Ultra-faint Dwarf Galaxy in the Constellation Pegasus
Cerny, W., et al. (2023), The Astrophysical Journal, 942, 111

162. Trumpler 16-26: a new centrifugal magnetosphere star discovered via SDSS/APOGEE H-band spectroscopy
Chojnowski, D., et al., (2022), Monthly Notices of the Royal Astronomical Society, 516, 2812

161. The intrinsic reddening of the Magellanic Clouds as traced by background galaxies - III. The Large Magellanic Cloud
Bell, C., Cioni, M.-R., Wright, A. H., et al., (2022), Monthly Notices of the Royal Astronomical Society 516, 824

160. The DECam Local Volume Exploration Survey Data Release 2
Drlica-Wagner, A., Ferguson, P. S., Adamow, M., et al., (2022), The Astrophysical Journal Supplement Series, 261, 38

159. The synchronized dance of the magellanic clouds' star formation history
Massana, P., Ruiz-Lara, T., Noel, N. E. D., et al., (2022), Monthly Notices of the Royal Astronomical Society: Letters, 513, L40

158. SMASHing the SMC: constraining the history Magellanic Clouds
Massana, P., Ruiz-Lara, T., Gallart, C., Noel, N. E. D., **Nidever, D. L.**, Choi, Y., Sakowska, J. D., Besla, G., Dorta, A., Cassisi, S., Bernard, E. J., Zartisky, D., Cioni, M-R. L., Monachesi, A., van der Marel, R. P., Olsen, K. A. G., Monelli, M., & de Boer, T. J. L., (2022), Monthly Notices of the Royal Astronomical Society, in press

157. The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data
Abdurro'uf, Accetta, K., Aerts, C., et al., (2022), The Astrophysical Journal Supplement, 259, 35.

156. APOGEE Net: An Expanded Spectral Model of Both Low-mass and High-mass Stars
Sprague, D., Culhane, C., Kounkel, M., et al., (2022), The Astronomical Journal, 163, 152.

155. Kinematical Analysis of Substructure in the Southern Periphery of the Large Magellanic Cloud
Cheng, X., Choi, Y., Olsen, K., **Nidever, D. L.**, et al., (2022), The Astrophysical Journal, 928, 1.

154. The Recent LMC-SMC Collision: Timing and Impact Parameter Constraints from Comparison of Gaia LMC Disk Kinematics and N-body Simulations
Choi, Y., Olsen, K. A. G., Besla, G., et al., (2022), The Astrophysical Journal, 927, 153.

153. GASKAP-HI pilot survey science I: ASKAP zoom observations of HI emission in the Small Magellanic Cloud
Pingel, N. M., Dempsey, J., McClure-Griffiths, N. M., et al., (2022), Publications of the Astronomical Society of Australia, 39, 5.

152. Close substellar-mass companions in stellar wide binaries: discovery and characterization with APOGEE and Gaia DR2
Lewis, H. M., Anguiano, B., Majewski, S. R., **Nidever, D. L.**, et al., (2021), Monthly Notices of the Royal Astronomical Society, 509, 3355.

151. APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites

Hasselquist, S., Hayes, C. R., Lian, J., Zasowski, G., Horta, D., Beaton, R., Feuillet, D. K., Holtzman, J. A., Minniti, D., Lacerna, I., Shetrone, M., Cioni, M-R. L., Cunha, K., O'Connell, R., Fernandez-Trincado, J. G., Schiavon, R., Almeida, A., Anguiano, B., Beers, T. C., Bizyaev, D., Geisler, D., Lane, R. R., Majewski, S. R., Moni Bidin, C., **Nidever, D. L.**, Povick, J., Price-Whelan, A., Roman-Lopes, A., Rosado Solis, M., Smith, V. V., Sobeck, J., Stringfellow, G., Valenzuela, O., Villanova, S., Vincenzo, F., & Weinberg, D., (2021), The Astrophysical Journal, 923, 172

150. Final Targeting Strategy for the SDSS-IV APOGEE-2S Survey
Santana, F. A., Beaton, R. L., Covey, K. R., et al., (2021), The Astronomical Journal, 162, 303.

149. RR Lyrae Stars in the Newly Discovered Ultra-faint Dwarf Galaxy Centaurus I
Martínez-Vázquez, C. E., Cerny, W., Vivas, A. K., et al. (2021), The Astronomical Journal, 162, 253

148. Exploring the Solar System with the NOIRLab Source Catalog I: Detecting Objects with CANFind
Fasbender, K., & **Nidever, D. L.** (2021), The Astronomical Journal, 162, 244

147. The DECam Local Volume Exploration Survey: Overview and First Data Release
Drlica-Wagner, A., Carlin, J. L., **Nidever, D. L.**, et al., (2021), The Astrophysical Journal Supplement, 256, 2.

146. Symbiotic Stars in the Apache Point Observatory Galactic Evolution Experiment Survey: The Case of LIN 358 and SMC N73 (LIN 445a)
Washington, J. E., Lewis, H. M., Anguiano, B., Majewski, S. R., Chojnowski, S. D., Smith, V. V., Stassun, K. G., Allende Prieto, C., Cunha, K., **Nidever, D. L.**, García-Hernández, D. A., & Pan, K. (2021), The Astrophysical Journal, 918, 19.

145. The Dark Energy Survey Data Release 2
Abbott, T. M. C., Adamów, M., Aguena, M., Allam, S., Amon, A., Annis, J., Avila, S., Bacon, D., Banerji, M., Bechtol, K., Becker, M. R., Bernstein, G. M., Bertin, E., Bhargava, S., Bridle, S. L., Brooks, D., Burke, D. L., Carnero Rosell, A., Carrasco Kind, M., Carretero, J., Castander, F. J., Cawthon, R., Chang, C., Choi, A., Conselice, C., Costanzi, M., Crocce, M., da Costa, L. N., Davis, T. M., De Vicente, J., DeRose, J., Desai, S., Diehl, H. T., Dietrich, J. P., Drlica-Wagner, A., Eckert, K., Elvin-Poole, J., Everett, S., Evrard, A. E., Ferrero, I., Ferté, A., Flaugher, B., Fosalba, P., Friedel, D., Frieman, J., García-Bellido, J., Gaztanaga, E., Gelman, L., Gerdes, D. W., Giannantonio, T., Gill, M. S. S., Gruen, D., Gruendl, R. A., Gschwend, J., Gutierrez, G., Hartley, W. G., Hinton, S. R., Hollowood, D. L., Honscheid, K., Huterer, D., James, D. J., Jeltema, T., Johnson, M. D., Kent, S., Kron, R., Kuehn, K., Kuropatkin, N., Lahav, O., Li, T. S., Lidman, C., Lin, H., MacCrann, N., Maia, M. A. G., Manning, T. A., Maloney, J. D., March, M., Marshall, J. L., Martini, P., Melchior, P., Menanteau, F., Miquel, R., Morgan, R., Myles, J., Neilsen, E., Ogando, R. L. C., Palmese, A., Paz-Chinchón, F., Petravick, D., Pieres, A., Plazas, A. A., Pond, C., Rodriguez-Monroy, M., Romer, A. K., Roodman, A., Rykoff, E. S., Sako, M., Sanchez, E., Santiago, B., Scarpine, V., Serrano, S., Sevilla-Noarbe, I., Smith, J. A., Smith, M., Soares-Santos, M., Suchyta, E., Swanson, M. E. C., Tarle, G., Thomas, D., To, C., Tremblay, P. E., Troxel, M. A., Tucker, D. L., Turner, D. J., Varga, T. N., Walker, A. R., Wechsler, R. H., Weller, J., Wester, W., Wilkinson, R. D., Yanny, B., Zhang, Y., Nikutta, R., Fitzpatrick, M., Jacques, A., Scott, A., Olsen, K., Huang, L., Herrera, D., Juneau, S., **Nidever, D.**, Weaver, B. A., Adean, C., Correia, V., de

Freitas, M., Freitas, F. N., Singulani, C., Vila-Verde, G., & Linea Science Server (2021), The Astrophysical Journal Supplement Series, 255, 20.

144. Second Data Release of the All-sky NOIRLab Source Catalog
Nidever, D. L., Dey, A., Fasbender, K., Juneau, S., Meisner, A. M., Wishart, J., Scott, A., Matt, K., Nikutta, R., & Pucha, R. (2021), The Astronomical Journal, 161, 192.

143. Co-formation of the thin and thick discs revealed by APOGEE-DR16 and Gaia-DR2
Beraldo e Silva, L., Debattista, V. P., **Nidever, D.**, Amarante, J. A. S., & Garver, B. (2021), Monthly Notices of the Royal Astronomical Society, 502, 260.

142. Discovery of an Ultra-faint Stellar System near the Magellanic Clouds with the DECam Local Volume Exploration Survey
Cerny, W., Pace, A. B., Drlica-Wagner, A., Ferguson, P. S., Mau, S., Adamów, M., Carlin, J. L., Choi, Y., Erkal, D., Johnson, L. C., Li, T. S., Martínez-Vázquez, C. E., Mutlu-Pakdil, B., **Nidever, D. L.**, Olsen, K. A. G., Pieres, A., Tollerud, E. J., Simon, J. D., Vivas, A. K., James, D. J., Kuropatkin, N., Majewski, S., Martínez-Delgado, D., Massana, P., Miller, A. E., Neilsen, E. H., Noël, N. E. D., Riley, A. H., Sand, D. J., Santana-Silva, L., Stringfellow, G. S., Tucker, D. L., & Delve Collaboration (2021), The Astrophysical Journal, 910, 18.

141. The Second Data Release of the Survey of the MAgellanic Stellar History (SMASH)
Nidever, D. L., Olsen, K., Choi, Y., Ruiz-Lara, T., Miller, A. E., Johnson, L. C., Bell, C. P. M., Blum, R. D., Cioni, M.-R. L., Gallart, C., Majewski, S. R., Martin, N. F., Massana, P., Monachesi, A., Noël, N. E. D., Sakowska, J. D., van der Marel, R. P., Walker, A. R., Zaritsky, D., Bell, E. F., Conn, B. C., de Boer, T. J. L., Gruendl, R. A., Monelli, M., Muñoz, R. R., Saha, A., Vivas, A. K., Bernard, E., Besla, G., Carballo-Bello, J. A., Dorta, A., Martinez-Delgado, D., Goater, A., Rusakov, V., & Stringfellow, G. S. (2021), The Astronomical Journal, 161, 74.

140. The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with α abundances
Mazzola, C. N., Badenes, C., Moe, M., Koposov, S. E., Kounkel, M., Kratter, K., Covey, K., Walker, M. G., Thompson, T. A., Andrews, B., Freeman, P. E., Anguiano, B., Carlberg, J. K., De Lee, N. M., Frinchaboy, P. M., Lewis, H. M., Majewski, S., **Nidever, D.**, Nitschelm, C., Price-Whelan, A. M., Roman-Lopes, A., Stassun, K. G., & Troup, N. W. (2020), Monthly Notices of the Royal Astronomical Society, 499, 1607.

139. The Saga of M81: Global View of a Massive Stellar Halo in Formation
Smercina, A., Bell, E. F., Price, P. A., Slater, C. T., D'Souza, R., Bailin, J., de Jong, R. S., Jang, I. S., Monachesi, A., & **Nidever, D.** (2020), The Astrophysical Journal, 905, 60.

138. The intrinsic reddening of the Magellanic Clouds as traced by background galaxies - II. The Small Magellanic Cloud

Bell, C. P. M., Cioni, M.-R. L., Wright, A. H., Rubele, S., **Nidever, D. L.**, Tatton, B. L., van Loon, J. T., Zaritsky, D., Choi, Y., Choudhury, S., Clementini, G., de Grijs, R., Ivanov, V. D., Majewski, S. R., Marconi, M., Martínez-Delgado, D., Massana, P., Muñoz, R. R., Niederhofer, F., Noël, N. E. D., Oliveira, J. M., Olsen, K., Pennock, C. M., Ripepi, V., Subramanian, S., & Vivas, A. K. (2020), Monthly Notices of the Royal Astronomical Society, 499, 993.

137. SMASHing the low surface brightness SMC
Massana, P., Noël, N. E. D., **Nidever, D. L.**, Erkal, D., de Boer, T. J. L., Choi, Y., Majewski, S. R., Olsen, K., Monachesi, A., Gallart, C., van der Marel, R. P., Ruiz-Lara, T., Zaritsky, D., Martin, N. F., Muñoz, R. R., Cioni, M.-R. L., Bell, C. P. M., Bell, E. F., Stringfellow, G. S., Belokurov, V., Monelli, M., Walker, A. R., Martínez-Delgado, D., Vivas, A. K., & Conn, B. C. (2020), Monthly Notices of the Royal Astronomical Society, 498, 1034.

136. Exploring Hydrodynamic Instabilities along the Infalling High-velocity Cloud Complex A
Barger, K. A., **Nidever, D. L.**, Huey-You, C., Lehner, N., Rueff, K., Freeman, P., Birdwell, A., Wakker, B. P., Bland-Hawthorn, J., Benjamin, R., & Ciampa, D. A. (2020), The Astrophysical Journal, 902, 154.

135. Geometry of the Draco C1 Symbiotic Binary
Lewis, H. M., Anguiano, B., Stassun, K. G., Majewski, S. R., Arras, P., Sarazin, C. L., Li, Z.-Y., De Lee, N., Troup, N. W., Allende Prieto, C., Badenes, C., Cunha, K., García-Hernández, D. A., **Nidever, D. L.**, Palicio, P. A., Simon, J. D., & Smith, V. V. (2020), The Astrophysical Journal, 900, L43.

134. Strong chemical tagging with APOGEE: 21 candidate star clusters that have dissolved across the Milky Way disc
Price-Jones, N., Bovy, J., Webb, J. J., Allende Prieto, C., Beaton, R., Brownstein, J. R., Cohen, R. E., Cunha, K., Donor, J., Frinchaboy, P. M., García-Hernández, D. A., Lane, R. R., Majewski, S. R., **Nidever, D. L.**, & Roman-Lopes, A. (2020), Monthly Notices of the Royal Astronomical Society, 496, 5101.

133. The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra
Ahumada, R., Prieto, C. A., Almeida, A., Anders, F., Anderson, S. F., Andrews, B. H., Anguiano, B., Arcodia, R., Armengaud, E., Aubert, M., Avila, S., Avila-Reese, V., Badenes, C., Balland, C., Barger, K., Barrera-Ballesteros, J. K., Basu, S., Bautista, J., Beaton, R. L., Beers, T. C., Benavides, B. I. T., Bender, C. F., Bernardi, M., Bershady, M., Beutler, F., Bidin, C. M., Bird, J., Bizyaev, D., Blanc, G. A., Blanton, M. R., Boquien, M., Borissova, J., Bovy, J., Brandt, W. N., Brinkmann, J., Brownstein, J. R., Bundy, K., Bureau, M., Burgasser, A., Burtin, E., Cano-Díaz, M., Capasso, R., Cappellari, M., Carrera, R., Chabanier, S., Chaplin, W., Chapman, M., Cherinka, B., Chiappini, C., Doohyun Choi, P., Chojnowski, S. D., Chung, H., Clerc, N., Coffey, D., Comerford, J. M., Comparat, J., da Costa, L., Cousinou, M.-C., Covey, K., Crane, J. D., Cunha, K., Ilha, G. da S., Dai, Y. S., Damsted, S. B., Darling, J., Davidson, J. W., Davies, R., Dawson, K., De, N., de la Macorra, A., De Lee, N., Queiroz, A. B. de A., Deconto Machado, A., de la Torre, S., Dell'Agli, F., du Mas des Bourboux, H., Diamond-Stanic, A. M., Dillon, S., Donor, J., Drory, N., Duckworth, C., Dwelly, T., Ebelke, G., Eftekharzadeh, S., Davis Eigenbrot, A., Elsworth, Y. P., Eracleous, M., Erfanianfar, G., Escoffier, S., Fan, X., Farr, E., Fernández-Trincado, J. G., Feuillet, D., Finoguenov, A., Fofie, P., Fraser-McKelvie, A., Frinchaboy, P. M., Fromenteau, S., Fu, H.,

Galbany, L., Garcia, R. A., García-Hernández, D. A., Oehmichen, L. A. G., Ge, J., Maia, M. A. G., Geisler, D., Gelfand, J., Goddy, J., Gonzalez-Perez, V., Grabowski, K., Green, P., Grier, C. J., Guo, H., Guy, J., Harding, P., Hasselquist, S., Hawken, A. J., Hayes, C. R., Hearty, F., Hekker, S., Hogg, D. W., Holtzman, J. A., Horta, D., Hou, J., Hsieh, B.-C., Huber, D., Hunt, J. A. S., Chitham, J. I., Imig, J., Jaber, M., Angel, C. E. J., Johnson, J. A., Jones, A. M., Jönsson, H., Jullo, E., Kim, Y., Kinemuchi, K., Kirkpatrick, C. C., Kite, G. W., Klaene, M., Kneib, J.-P., Kollmeier, J. A., Kong, H., Kounkel, M., Krishnarao, D., Lacerna, I., Lan, T.-W., Lane, R. R., Law, D. R., Le Goff, J.-M., Leung, H. W., Lewis, H., Li, C., Lian, J., Lin, L., Long, D., Longa-Peña, P., Lundgren, B., Lyke, B. W., Ted Mackereth, J., MacLeod, C. L., Majewski, S. R., Manchado, A., Maraston, C., Martini, P., Masseron, T., Masters, K. L., Mathur, S., McDermid, R. M., Merloni, A., Merrifield, M., Mészáros, S., Miglio, A., Minniti, D., Minsley, R., Miyaji, T., Mohammad, F. G., Mosser, B., Mueller, E.-M., Muna, D., Muñoz-Gutiérrez, A., Myers, A. D., Nadathur, S., Nair, P., Nandra, K., do Nascimento, J. C., Nevin, R. J., Newman, J. A., **Nidever, D. L.**, Nitschelm, C., Noterdaeme, P., O'Connell, J. E., Olmstead, M. D., Oravetz, D., Oravetz, A., Osorio, Y., Pace, Z. J., Padilla, N., Palanque-Delabrouille, N., Palicio, P. A., Pan, H.-A., Pan, K., Parker, J., Paviot, R., Peirani, S., Ramŕez, K. P., Penny, S., Percival, W. J., Perez-Fournon, I., Pérez-Ràfols, I., Petitjean, P., Pieri, M. M., Pinsonneault, M., Poovelil, V. J., Povick, J. T., Prakash, A., Price-Whelan, A. M., Raddick, M. J., Raichoor, A., Ray, A., Rembold, S. B., Rezaie, M., Riffel, R. A., Riffel, R., Rix, H.-W., Robin, A. C., Roman-Lopes, A., Román-Zúñiga, C., Rose, B., Ross, A. J., Rossi, G., Rowlands, K., Rubin, K. H. R., Salvato, M., Sánchez, A. G., Sánchez-Menguiano, L., Sánchez-Gallego, J. R., Sayres, C., Schaefer, A., Schiavon, R. P., Schimoia, J. S., Schlafly, E., Schlegel, D., Schneider, D. P., Schultheis, M., Schwope, A., Seo, H.-J., Serenelli, A., Shafieloo, A., Shamsi, S. J., Shao, Z., Shen, S., Shetrone, M., Shirley, R., Aguirre, V. S., Simon, J. D., Skrutskie, M. F., Slosar, A., Smethurst, R., Sobeck, J., Sodi, B. C., Souto, D., Stark, D. V., Stassun, K. G., Steinmetz, M., Stello, D., Stermer, J., Storchi-Bergmann, T., Streblyanska, A., Stringfellow, G. S., Stutz, A., Suárez, G., Sun, J., Taghizadeh-Popp, M., Talbot, M. S., Tayar, J., Thakar, A. R., Theriault, R., Thomas, D., Thomas, Z. C., Tinker, J., Tojeiro, R., Toledo, H. H., Tremonti, C. A., Troup, N. W., Tuttle, S., Unda-Sanzana, E., Valentini, M., Vargas-González, J., Vargas-Magaña, M., Vázquez-Mata, J. A., Vivek, M., Wake, D., Wang, Y., Weaver, B. A., Weijmans, A.-M., Wild, V., Wilson, J. C., Wilson, R. F., Wolthuis, N., Wood-Vasey, W. M., Yan, R., Yang, M., Yèche, C., Zamora, O., Zarrouk, P., Zasowski, G., Zhang, K., Zhao, C., Zhao, G., Zheng, Z., Zheng, Z., Zhu, G., & Zou, H. (2020), The Astrophysical Journal Supplement Series, 249, 3.

132. The Large Magellanic Cloud stellar content with SMASH. I. Assessing the stability of the Magellanic spiral arms
Ruiz-Lara, T., Gallart, C., Monelli, M., **Nidever, D.**, Dorta, A., Choi, Y., Olsen, K., Besla, G., Bernard, E. J., Cassisi, S., Massana, P., Noël, N. E. D., Pérez, I., Rusakov, V., Cioni, M.-R. L., Majewski, S. R., van der Marel, R. P., Martínez-Delgado, D., Monachesi, A., Monteagudo, L., Muñoz, R. R., Stringfellow, G. S., Surot, F., Vivas, A. K., Walker, A. R., & Zaritsky, D. (2020), Astronomy and Astrophysics, 639, L3.

131. The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds
Nidever, D. L., Hasselquist, S., Hayes, C. R., Hawkins, K., Povick, J., Majewski, S. R., Smith, V. V., Anguiano, B., Stringfellow, G. S., Sobeck, J. S., Cunha, K., Beers, T. C., Bestenlehner, J. M., Cohen, R. E., Garcia-Hernandez, D. A., Jönsson, H., Nitschelm, C., Shetrone, M., Lacerna, I., Allende Prieto, C., Beaton, R. L., Dell'Agli, F., Fernández-Trincado, J. G., Feuillet, D., Gallart, C., Hearty, F. R., Holtzman,

J., Manchado, A., Muñoz, R. R., O'Connell, R., & Rosado, M. (2020), The Astrophysical Journal, 895, 88.

130. Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color-Magnitude Diagram
Price-Whelan, A. M., Hogg, D. W., Rix, H.-W., Beaton, R. L., Lewis, H. M., **Nidever, D. L.**, Almeida, A., Badenes, C., Barba, R., Beers, T. C., Carlberg, J. K., De Lee, N., Fernández-Trincado, J. G., Frinchaboy, P. M., García-Hernández, D. A., Green, P. J., Hasselquist, S., Longa-Peña, P., Majewski, S. R., Nitschelm, C., Sobeck, J., Stassun, K. G., Stringfellow, G. S., & Troup, N. W. (2020), The Astrophysical Journal, 895, 2.

129. Geometric properties of galactic discs with clumpy episodes
Beraldo e Silva, L., Debattista, V. P., Khachaturyants, T., & **Nidever, D.** (2020), Monthly Notices of the Royal Astronomical Society, 492, 4716.

128. Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code - II. The Southern clusters and overview
Mészáros, S., Masseron, T., García-Hernández, D. A., Allende Prieto, C., Beers, T. C., Bizyaev, D., Chojnowski, D., Cohen, R. E., Cunha, K., Dell'Agli, F., Ebelke, G., Fernández-Trincado, J. G., Frinchaboy, P., Geisler, D., Hasselquist, S., Hearty, F., Holtzman, J., Johnson, J., Lane, R. R., Lacerna, I., Longa-Peña, P., Majewski, S. R., Martell, S. L., Minniti, D., Nataf, D., **Nidever, D. L.**, Pan, K., Schiavon, R. P., Shetrone, M., Smith, V. V., Sobeck, J. S., Stringfellow, G. S., Szigeti, L., Tang, B., Wilson, J. C., & Zamora, O. (2020), Monthly Notices of the Royal Astronomical Society, 492, 1641.

127. A DECam view of the diffuse dwarf galaxy Crater II - Variable stars
Vivas, A. K., Walker, A. R., Martínez-Vázquez, C. E., Monelli, M., Bono, G., Dorta, A., **Nidever, D. L.**, Fiorentino, G., Gallart, C., Andreuzzi, G., Braga, V. F., Dall'Ora, M., Olsen, K., & Stetson, P. B. (2020), Monthly Notices of the Royal Astronomical Society, 492, 1061.

126. Two Ultra-faint Milky Way Stellar Systems Discovered in Early Data from the DECam Local Volume Exploration Survey
Mau, S., Cerny, W., Pace, A. B., Choi, Y., Drlica-Wagner, A., Santana-Silva, L., Riley, A. H., Erkal, D., Stringfellow, G. S., Adamów, M., Carlin, J. L., Gruendl, R. A., Hernandez-Lang, D., Kuropatkin, N., Li, T. S., Martínez-Vázquez, C. E., Morganson, E., Mutlu-Pakdil, B., Neilsen, E. H., **Nidever, D. L.**, Olsen, K. A. G., Sand, D. J., Tollerud, E. J., Tucker, D. L., Yanny, B., Zenteno, A., Allam, S., Barkhouse, W. A., Bechtol, K., Bell, E. F., Balaji, P., Crnojević, D., Esteves, J., Ferguson, P. S., Gallart, C., Hughes, A. K., James, D. J., Jethwa, P., Johnson, L. C., Kuehn, K., Majewski, S., Mao, Y.-Y., Massana, P., McNanna, M., Monachesi, A., Nadler, E. O., Noël, N. E. D., Palmese, A., Paz-Chinchon, F., Pieres, A., Sanchez, J., Shipp, N., Simon, J. D., Soares-Santos, M., Tavangar, K., van der Marel, R. P., Vivas, A. K., Walker, A. R., & Wechsler, R. H. (2020), The Astrophysical Journal, 890, 136.

125. Metallicity and α-Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE
Hayes, C. R., Majewski, S. R., Hasselquist, S., Anguiano, B., Shetrone, M., Law, D. R., Schiavon, R. P., Cunha, K., Smith, V. V., Beaton, R. L., Price-Whelan, A. M., Allende Prieto, C., Battaglia, G., Bizyaev, D., Brownstein, J. R., Cohen, R. E., Frinchaboy, P. M., García-Hernández, D. A., Lacerna, I., Lane, R.

R., Mészáros, S., Bidin, C. M., Mũnoz, R. R., **Nidever, D. L.**, Oravetz, A., Oravetz, D., Pan, K., Roman-Lopes, A., Sobeck, J., & Stringfellow, G. (2020), The Astrophysical Journal, 889, 63.

124. A DECam view of the diffuse dwarf galaxy Crater II: the colour-magnitude diagram
Walker, A. R., Martínez-Vázquez, C. E., Monelli, M., Vivas, A. K., Bono, G., Gallart, C., Cassisi, S., Andreuzzi, G., Bernard, E. J., Dall'Ora, M., Fiorentino, G., **Nidever, D. L.**, Olsen, K., Pietrinferni, A., & Stetson, P. B. (2019), Monthly Notices of the Royal Astronomical Society, 490, 4121.

123. Spectroscopy of the Young Stellar Association Price-Whelan 1: Origin in the Magellanic Leading Arm and Constraints on the Milky Way Hot Halo
Nidever, D. L., Price-Whelan, A. M., Choi, Y., Beaton, R. L., Hansen, T. T., Boubert, D., Aguado, D., Ezzeddine, R., Oh, S., & Evans, N. W. (2019), The Astrophysical Journal, 887, 115.

122. Discovery of a Disrupting Open Cluster Far into the Milky Way Halo: A Recent Star Formation Event in the Leading Arm of the Magellanic Stream?
Price-Whelan, A. M., **Nidever, D. L.**, Choi, Y., Schlafly, E. F., Morton, T., Koposov, S. E., & Belokurov, V. (2019), The Astrophysical Journal, 887, 19.

121. The intrinsic reddening of the Magellanic Clouds as traced by background galaxies - I. The bar and outskirts of the Small Magellanic Cloud
Bell, C. P. M., Cioni, M.-R. L., Wright, A. H., Rubele, S., **Nidever, D. L.**, Tatton, B. L., van Loon, J. T., Ivanov, V. D., Subramanian, S., Oliveira, J. M., de Grijs, R., Pennock, C. M., Choi, Y., Zaritsky, D., Olsen, K., Niederhofer, F., Choudhury, S., Martínez-Delgado, D., & Muñoz, R. R. (2019), Monthly Notices of the Royal Astronomical Society, 489, 3200.

120. Nature of a shell of young stars in the outskirts of the Small Magellanic Cloud
Martínez-Delgado, D., Katherina Vivas, A., Grebel, E. K., Gallart, C., Pieres, A., Bell, C. P. M., Zivick, P., Lemasle, B., Clifton Johnson, L., Carballo-Bello, J. A., Noël, N. E. D., Cioni, M.-R. L., Choi, Y., Besla, G., Schmidt, J., Zaritsky, D., Gruendl, R. A., Seibert, M., **Nidever, D.**, Monteagudo, L., Monelli, M., Hubl, B., van der Marel, R., Ballesteros, F. J., Stringfellow, G., Walker, A., Blum, R., Bell, E. F., Conn, B. C., Olsen, K., Martin, N., Chu, Y.-H., Inno, L., Boer, T. J. L., Kallivayalil, N., De Leo, M., Beletsky, Y., Neyer, F., & Muñoz, R. R. (2019), Astronomy and Astrophysics, 631, A98.

119. Dynamical heating across the Milky Way disc using APOGEE and Gaia
Mackereth, J. T., Bovy, J., Leung, H. W., Schiavon, R. P., Trick, W. H., Chaplin, W. J., Cunha, K., Feuillet, D. K., Majewski, S. R., Martig, M., Miglio, A., **Nidever, D.**, Pinsonneault, M. H., Aguirre, V. S., Sobeck, J., Tayar, J., & Zasowski, G. (2019), Monthly Notices of the Royal Astronomical Society, 489, 176.

118. The Apache Point Observatory Galactic Evolution Experiment (APOGEE) Spectrographs
Wilson, J. C., Hearty, F. R., Skrutskie, M. F., Majewski, S. R., Holtzman, J. A., Eisenstein, D., Gunn, J., Blank, B., Henderson, C., Smee, S., Nelson, M., **Nidever, D.**, Arns, J., Barkhouser, R., Barr, J., Beland, S., Bershady, M. A., Blanton, M. R., Brunner, S., Burton, A., Carey, L., Carr, M., Colque, J. P., Crane, J., Damke, G. J., Davidson, J. W., Dean, J., Di Mille, F., Don, K. W., Ebelke, G., Evans, M., Fitzgerald, G., Gillespie, B., Hall, M., Harding, A., Harding, P., Hammond, R., Hancock, D., Harrison, C., Hope, S.,

Horne, T., Karakla, J., Lam, C., Leger, F., MacDonald, N., Maseman, P., Matsunari, J., Melton, S., Mitcheltree, T., O'Brien, T., O'Connell, R. W., Patten, A., Richardson, W., Rieke, G., Rieke, M., Roman-Lopes, A., Schiavon, R. P., Sobeck, J. S., Stolberg, T., Stoll, R., Tembe, M., Trujillo, J. D., Uomoto, A., Vernieri, M., Walker, E., Weinberg, D. H., Young, E., Anthony-Brumfield, B., Bizyaev, D., Breslauer, B., De Lee, N., Downey, J., Halverson, S., Huehnerhoff, J., Klaene, M., Leon, E., Long, D., Mahadevan, S., Malanushenko, E., Nguyen, D. C., Owen, R., Sánchez-Gallego, J. R., Sayres, C., Shane, N., Shectman, S. A., Shetrone, M., Skinner, D., Stauffer, F., & Zhao, B. (2019), Publications of the Astronomical Society of the Pacific, 131, 055001.

117. Close Companions around Young Stars
Kounkel, M., Covey, K., Moe, M., Kratter, K. M., Suárez, G., Stassun, K. G., Román-Zúñiga, C., Hernandez, J., Kim, J. S., Peña Ramírez, K., Roman-Lopes, A., Stringfellow, G. S., Jaehnig, K. O., Borissova, J., Tofflemire, B., Krolikowski, D., Rizzuto, A., Kraus, A., Badenes, C., Longa-Peña, P., Gómez Maqueo Chew, Y., Barba, R., **Nidever, D. L**., Brown, C., De Lee, N., Pan, K., Bizyaev, D., Oravetz, D., & Oravetz, A. (2019), The Astronomical Journal, 157, 196.

116. The imprint of clump formation at high redshift - I. A disc α-abundance dichotomy
Clarke, A. J., Debattista, V. P., **Nidever, D. L.**, Loebman, S. R., Simons, R. C., Kassin, S., Du, M., Ness, M., Fisher, D. B., Quinn, T. R., Wadsley, J., Freeman, K. C., & Popescu, C. C. (2019), Monthly Notices of the Royal Astronomical Society, 484, 3476.

115. Exploring the Very Extended Low-surface-brightness Stellar Populations of the Large Magellanic Cloud with SMASH
Nidever, D. L., Olsen, K., Choi, Y., de Boer, T. J. L., Blum, R. D., Bell, E. F., Zaritsky, D., Martin, N. F., Saha, A., Conn, B. C., Besla, G., van der Marel, R. P., Noël, N. E. D., Monachesi, A., Stringfellow, G. S., Massana, P., Cioni, M.-R. L., Gallart, C., Monelli, M., Martinez-Delgado, D., Muñoz, R. R., Majewski, S. R., Vivas, A. K., Walker, A. R., Kaleida, C., & Chu, Y.-H. (2019), The Astrophysical Journal, 874, 118.

114. Chemical Cartography with APOGEE: Multi-element Abundance Ratios
Weinberg, D. H., Holtzman, J. A., Hasselquist, S., Bird, J. C., Johnson, J. A., Shetrone, M., Sobeck, J., Allende Prieto, C., Bizyaev, D., Carrera, R., Cohen, R. E., Cunha, K., Ebelke, G., Fernandez-Trincado, J. G., García-Hernández, D. A., Hayes, C. R., Jönsson, H., Lane, R. R., Majewski, S. R., Malanushenko, V., Mészáros, S., **Nidever, D. L.**, Nitschelm, C., Pan, K., Rix, H.-W., Rybizki, J., Schiavon, R. P., Schneider, D. P., Wilson, J. C., & Zamora, O. (2019), The Astrophysical Journal, 874, 102.

113. Mapping the Interstellar Reddening and Extinction toward Baade's Window Using Minimum Light Colors of ab-type RR Lyrae Stars: Revelations from the De-reddened Color-Magnitude Diagrams
Saha, A., Vivas, A. K., Olszewski, E. W., Smith, V., Olsen, K., Blum, R., Valdes, F., Claver, J., Calamida, A., Walker, A. R., Matheson, T., Narayan, G., Soraisam, M., Cunha, K., Axelrod, T., Bloom, J. S., Cenko, S. B., Frye, B., Juric, M., Kaleida, C., Kunder, A., Miller, A., **Nidever, D.**, & Ridgway, S. (2019), The Astrophysical Journal, 874, 30.

112. Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures

Hasselquist, S., Carlin, J. L., Holtzman, J. A., Shetrone, M., Hayes, C. R., Cunha, K., Smith, V., Beaton, R. L., Sobeck, J., Allende Prieto, C., Majewski, S. R., Anguiano, B., Bizyaev, D., García-Hernández, D. A., Lane, R. R., Pan, K., **Nidever, D. L.**, Fernández-Trincado, J. G., Wilson, J. C., & Zamora, O. (2019), The Astrophysical Journal, 872, 58.

111. APOGEE DR14/DR15 Abundances in the Inner Milky Way
Zasowski, G., Schultheis, M., Hasselquist, S., Cunha, K., Sobeck, J., Johnson, J. A., Rojas-Arriagada, A., Majewski, S. R., Andrews, B. H., Jönsson, H., Beers, T. C., Chojnowski, S. D., Frinchaboy, P. M., Holtzman, J. A., Minniti, D., **Nidever, D. L.**, & Nitschelm, C. (2019), The Astrophysical Journal, 870, 138.

110. The Dark Energy Survey: Data Release 1
Abbott, T. M. C., Abdalla, F. B., Allam, S., Amara, A., Annis, J., Asorey, J., Avila, S., Ballester, O., Banerji, M., Barkhouse, W., Baruah, L., Baumer, M., Bechtol, K., Becker, M. R., Benoit-Lévy, A., Bernstein, G. M., Bertin, E., Blazek, J., Bocquet, S., Brooks, D., Brout, D., Buckley-Geer, E., Burke, D. L., Busti, V., Campisano, R., Cardiel-Sas, L., Carnero Rosell, A., Carrasco Kind, M., Carretero, J., Castander, F. J., Cawthon, R., Chang, C., Chen, X., Conselice, C., Costa, G., Crocce, M., Cunha, C. E., D'Andrea, C. B., da Costa, L. N., Das, R., Daues, G., Davis, T. M., Davis, C., De Vicente, J., DePoy, D. L., DeRose, J., Desai, S., Diehl, H. T., Dietrich, J. P., Dodelson, S., Doel, P., Drlica-Wagner, A., Eifler, T. F., Elliott, A. E., Evrard, A. E., Farahi, A., Fausti Neto, A., Fernandez, E., Finley, D. A., Flaugher, B., Foley, R. J., Fosalba, P., Friedel, D. N., Frieman, J., García-Bellido, J., Gaztanaga, E., Gerdes, D. W., Giannantonio, T., Gill, M. S. S., Glazebrook, K., Goldstein, D. A., Gower, M., Gruen, D., Gruendl, R. A., Gschwend, J., Gupta, R. R., Gutierrez, G., Hamilton, S., Hartley, W. G., Hinton, S. R., Hislop, J. M., Hollowood, D., Honscheid, K., Hoyle, B., Huterer, D., Jain, B., James, D. J., Jeltema, T., Johnson, M. W. G., Johnson, M. D., Kacprzak, T., Kent, S., Khullar, G., Klein, M., Kovacs, A., Koziol, A. M. G., Krause, E., Kremin, A., Kron, R., Kuehn, K., Kuhlmann, S., Kuropatkin, N., Lahav, O., Lasker, J., Li, T. S., Li, R. T., Liddle, A. R., Lima, M., Lin, H., López-Reyes, P., MacCrann, N., Maia, M. A. G., Maloney, J. D., Manera, M., March, M., Marriner, J., Marshall, J. L., Martini, P., McClintock, T., McKay, T., McMahon, R. G., Melchior, P., Menanteau, F., Miller, C. J., Miquel, R., Mohr, J. J., Morganson, E., Mould, J., Neilsen, E., Nichol, R. C., Nogueira, F., Nord, B., Nugent, P., Nunes, L., Ogando, R. L. C., Old, L., Pace, A. B., Palmese, A., Paz-Chinchón, F., Peiris, H. V., Percival, W. J., Petravick, D., Plazas, A. A., Poh, J., Pond, C., Porredon, A., Pujol, A., Refregier, A., Reil, K., Ricker, P. M., Rollins, R. P., Romer, A. K., Roodman, A., Rooney, P., Ross, A. J., Rykoff, E. S., Sako, M., Sanchez, M. L., Sanchez, E., Santiago, B., Saro, A., Scarpine, V., Scolnic, D., Serrano, S., Sevilla-Noarbe, I., Sheldon, E., Shipp, N., Silveira, M. L., Smith, M., Smith, R. C., Smith, J. A., Soares-Santos, M., Sobreira, F., Song, J., Stebbins, A., Suchyta, E., Sullivan, M., Swanson, M. E. C., Tarle, G., Thaler, J., Thomas, D., Thomas, R. C., Troxel, M. A., Tucker, D. L., Vikram, V., Vivas, A. K., Walker, A. R., Wechsler, R. H., Weller, J., Wester, W., Wolf, R. C., Wu, H., Yanny, B., Zenteno, A., Zhang, Y., Zuntz, J., DES Collaboration, Juneau, S., Fitzpatrick, M., Nikutta, R., **Nidever, D**., Olsen, K., Scott, A., & NOAO Data Lab (2018), The Astrophysical Journal Supplement Series, 239, 18.

109. SMASHing the LMC: Mapping a Ring-like Stellar Overdensity in the LMC Disk
Choi, Y., **Nidever, D. L.**, Olsen, K., Besla, G., Blum, R. D., Zaritsky, D., Cioni, M.-R. L., van der Marel, R. P., Bell, E. F., Johnson, L. C., Vivas, A. K., Walker, A. R., de Boer, T. J. L., Noël, N. E. D.,

Monachesi, A., Gallart, C., Monelli, M., Stringfellow, G. S., Massana, P., Martinez-Delgado, D., & Muñoz, R. R. (2018), The Astrophysical Journal, 869, 125.

108. SMASHing the LMC: A Tidally Induced Warp in the Outer LMC and a Large-scale Reddening Map
Choi, Y., **Nidever, D. L.**, Olsen, K., Blum, R. D., Besla, G., Zaritsky, D., van der Marel, R. P., Bell, E. F., Gallart, C., Cioni, M.-R. L., Johnson, L. C., Vivas, A. K., Saha, A., de Boer, T. J. L., Noël, N. E. D., Monachesi, A., Massana, P., Conn, B. C., Martinez-Delgado, D., Muñoz, R. R., & Stringfellow, G. S. (2018), The Astrophysical Journal, 866, 90.

107. SMHASH: anatomy of the Orphan Stream using RR Lyrae stars
Hendel, D., Scowcroft, V., Johnston, K. V., Fardal, M. A., van der Marel, R. P., Sohn, S. T., Price-Whelan, A. M., Beaton, R. L., Besla, G., Bono, G., Cioni, M.-R. L., Clementini, G., Cohen, J. G., Fabrizio, M., Freedman, W. L., Garofalo, A., Grillmair, C. J., Kallivayalil, N., Kollmeier, J. A., Law, D. R., Madore, B. F., Majewski, S. R., Marengo, M., Monson, A. J., Neeley, J. R., **Nidever, D. L.**, Pietrzyński, G., Seibert, M., Sesar, B., Smith, H. A., Soszyński, I., & Udalski, A. (2018), Monthly Notices of the Royal Astronomical Society, 479, 570.

106. First Data Release of the All-sky NOAO Source Catalog
Nidever, D. L., Dey, A., Olsen, K., Ridgway, S., Nikutta, R., Juneau, S., Fitzpatrick, M., Scott, A., & Valdes, F. (2018), The Astronomical Journal, 156, 131.

105. A Lonely Giant: The Sparse Satellite Population of M94 Challenges Galaxy Formation
Smercina, A., Bell, E. F., Price, P. A., D'Souza, R., Slater, C. T., Bailin, J., Monachesi, A., & **Nidever, D.** (2018), The Astrophysical Journal, 863, 152.

104. Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample
Skinner, J., Covey, K. R., Bender, C. F., Rivera, N., De Lee, N., Souto, D., Chojnowski, D., Troup, N., Badenes, C., Bizyaev, D., Blake, C. H., Burgasser, A., Cañas, C., Carlberg, J., Gómez Maqueo Chew, Y., Deshpande, R., Fleming, S. W., Fernández-Trincado, J. G., García-Hernández, D. A., Hearty, F., Kounkel, M., Longa-Peñe, P., Mahadevan, S., Majewski, S. R., Minniti, D., **Nidever, D.**, Oravetz, A., Pan, K., Stassun, K., Terrien, R., & Zamora, O. (2018), The Astronomical Journal, 156, 45.

103. Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of ~5000 Companions
Price-Whelan, A. M., Hogg, D. W., Rix, H.-W., De Lee, N., Majewski, S. R., **Nidever, D. L.**, Troup, N., Fernández-Trincado, J. G., García-Hernández, D. A., Longa-Peña, P., Nitschelm, C., Sobeck, J., & Zamora, O. (2018), The Astronomical Journal, 156, 18.

102. The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations
Cottle, J. 'Neil ., Covey, K. R., Suárez, G., Román-Zúñiga, C., Schlafly, E., Downes, J. J., Ybarra, J. E., Hernandez, J., Stassun, K., Stringfellow, G. S., Getman, K., Feigelson, E., Borissova, J., Kim, J. S., Roman-Lopes, A., Da Rio, N., De Lee, N., Frinchaboy, P. M., Kounkel, M., Majewski, S. R.,

Mennickent, R. E., **Nidever, D. L.**, Nitschelm, C., Pan, K., Shetrone, M., Zasowski, G., Chambers, K., Magnier, E., & Valenti, J. (2018), The Astrophysical Journal Supplement Series, 236, 27.

101. Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE
Hayes, C. R., Majewski, S. R., Hasselquist, S., Beaton, R. L., Cunha, K., Smith, V. V., Price-Whelan, A. M., Anguiano, B., Beers, T. C., Carrera, R., Fernández-Trincado, J. G., Frinchaboy, P. M., García-Hernández, D. A., Lane, R. R., **Nidever, D. L.**, Nitschelm, C., Roman-Lopes, A., & Zamora, O. (2018), The Astrophysical Journal, 859, L8.

100. Discovery of two neighbouring satellites in the Carina constellation with MagLiteS
Torrealba, G., Belokurov, V., Koposov, S. E., Bechtol, K., Drlica-Wagner, A., Olsen, K. A. G., Vivas, A. K., Yanny, B., Jethwa, P., Walker, A. R., Li, T. S., Allam, S., Conn, B. C., Gallart, C., Gruendl, R. A., James, D. J., Johnson, M. D., Kuehn, K., Kuropatkin, N., Martin, N. F., Martinez-Delgado, D., **Nidever, D. L.**, Noël, N. E. D., Simon, J. D., Stringfellow, G. S., & Tucker, D. L. (2018), Monthly Notices of the Royal Astronomical Society, 475, 5085.

99. The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment
Abolfathi, B., Aguado, D. S., Aguilar, G., Allende Prieto, C., Almeida, A., Ananna, T. T., Anders, F., Anderson, S. F., Andrews, B. H., Anguiano, B., Aragón-Salamanca, A., Argudo-Fernández, M., Armengaud, E., Ata, M., Aubourg, E., Avila-Reese, V., Badenes, C., Bailey, S., Balland, C., Barger, K. A., Barrera-Ballesteros, J., Bartosz, C., Bastien, F., Bates, D., Baumgarten, F., Bautista, J., Beaton, R., Beers, T. C., Belfiore, F., Bender, C. F., Bernardi, M., Bershady, M. A., Beutler, F., Bird, J. C., Bizyaev, D., Blanc, G. A., Blanton, M. R., Blomqvist, M., Bolton, A. S., Boquien, M., Borissova, J., Bovy, J., Bradna Diaz, C. A., Brandt, W. N., Brinkmann, J., Brownstein, J. R., Bundy, K., Burgasser, A. J., Burtin, E., Busca, N. G., Cañas, C. I., Cano-Díaz, M., Cappellari, M., Carrera, R., Casey, A. R., Cervantes Sodi, B., Chen, Y., Cherinka, B., Chiappini, C., Choi, P. D., Chojnowski, D., Chuang, C.-H., Chung, H., Clerc, N., Cohen, R. E., Comerford, J. M., Comparat, J., Correa do Nascimento, J., da Costa, L., Cousinou, M.-C., Covey, K., Crane, J. D., Cruz-Gonzalez, I., Cunha, K., da Silva Ilha, G., Damke, G. J., Darling, J., Davidson, J. W., Dawson, K., de Icaza Lizaola, M. A. C., de la Macorra, A., de la Torre, S., De Lee, N., de Sainte Agathe, V., Deconto Machado, A., Dell'Agli, F., Delubac, T., Diamond-Stanic, A. M., Donor, J., Downes, J. J., Drory, N., du Mas des Bourboux, H., Duckworth, C. J., Dwelly, T., Dyer, J., Ebelke, G., Davis Eigenbrot, A., Eisenstein, D. J., Elsworth, Y. P., Emsellem, E., Eracleous, M., Erfanianfar, G., Escoffier, S., Fan, X., Fernández Alvar, E., Fernandez-Trincado, J. G., Fernando Cirolini, R., Feuillet, D., Finoguenov, A., Fleming, S. W., Font-Ribera, A., Freischlad, G., Frinchaboy, P., Fu, H., Gómez Maqueo Chew, Y., Galbany, L., García Pérez, A. E., Garcia-Dias, R., García-Hernández, D. A., Garma Oehmichen, L. A., Gaulme, P., Gelfand, J., Gil-Marín, H., Gillespie, B. A., Goddard, D., González Hernández, J. I., Gonzalez-Perez, V., Grabowski, K., Green, P. J., Grier, C. J., Gueguen, A., Guo, H., Guy, J., Hagen, A., Hall, P., Harding, P., Hasselquist, S., Hawley, S., Hayes, C. R., Hearty, F., Hekker, S., Hernandez, J., Hernandez Toledo, H., Hogg, D. W., Holley-Bockelmann, K., Holtzman, J. A., Hou, J., Hsieh, B.-C., Hunt, J. A. S., Hutchinson, T. A., Hwang, H. S., Jimenez Angel, C. E., Johnson, J. A., Jones, A., Jönsson, H., Jullo, E., Khan, F. S., Kinemuchi, K., Kirkby, D., Kirkpatrick, C. C., Kitaura, F.-S., Knapp, G. R., Kneib, J.-P., Kollmeier, J. A., Lacerna, I., Lane, R. R., Lang, D., Law, D. R., Le Goff, J.-M., Lee, Y.-B., Li, H., Li, C., Lian, J., Liang, Y., Lima, M., Lin, L., Long, D., Lucatello, S., Lundgren,

B., Mackereth, J. T., MacLeod, C. L., Mahadevan, S., Maia, M. A. G., Majewski, S., Manchado, A., Maraston, C., Mariappan, V., Marques-Chaves, R., Masseron, T., Masters, K. L., McDermid, R. M., McGreer, I. D., Melendez, M., Meneses-Goytia, S., Merloni, A., Merrifield, M. R., Meszaros, S., Meza, A., Minchev, I., Minniti, D., Mueller, E.-M., Muller-Sanchez, F., Muna, D., Muñoz, R. R., Myers, A. D., Nair, P., Nandra, K., Ness, M., Newman, J. A., Nichol, R. C., **Nidever, D. L.**, Nitschelm, C., Noterdaeme, P., O'Connell, J., Oelkers, R. J., Oravetz, A., Oravetz, D., Ortíz, E. A., Osorio, Y., Pace, Z., Padilla, N., Palanque-Delabrouille, N., Palicio, P. A., Pan, H.-A., Pan, K., Parikh, T., Pâris, I., Park, C., Peirani, S., Pellejero-Ibanez, M., Penny, S., Percival, W. J., Perez-Fournon, I., Petitjean, P., Pieri, M. M., Pinsonneault, M., Pisani, A., Prada, F., Prakash, A., Queiroz, A. B. de A., Raddick, M. J., Raichoor, A., Barboza Rembold, S., Richstein, H., Riffel, R. A., Riffel, R., Rix, H.-W., Robin, A. C., Rodríguez Torres, S., Román-Zúñiga, C., Ross, A. J., Rossi, G., Ruan, J., Ruggeri, R., Ruiz, J., Salvato, M., Sánchez, A. G., Sánchez, S. F., Sanchez Almeida, J., Sánchez-Gallego, J. R., Santana Rojas, F. A., Santiago, B. X., Schiavon, R. P., Schimoia, J. S., Schlafly, E., Schlegel, D., Schneider, D. P., Schuster, W. J., Schwope, A., Seo, H.-J., Serenelli, A., Shen, S., Shen, Y., Shetrone, M., Shull, M., Silva Aguirre, V., Simon, J. D., Skrutskie, M., Slosar, A., Smethurst, R., Smith, V., Sobeck, J., Somers, G., Souter, B. J., Souto, D., Spindler, A., Stark, D. V., Stassun, K., Steinmetz, M., Stello, D., Storchi-Bergmann, T., Streblyanska, A., Stringfellow, G. S., Suárez, G., Sun, J., Szigeti, L., Taghizadeh-Popp, M., Talbot, M. S., Tang, B., Tao, C., Tayar, J., Tembe, M., Teske, J., Thakar, A. R., Thomas, D., Tissera, P., Tojeiro, R., Tremonti, C., Troup, N. W., Urry, M., Valenzuela, O., van den Bosch, R., Vargas-González, J., Vargas-Magaña, M., Vazquez, J. A., Villanova, S., Vogt, N., Wake, D., Wang, Y., Weaver, B. A., Weijmans, A.-M., Weinberg, D. H., Westfall, K. B., Whelan, D. G., Wilcots, E., Wild, V., Williams, R. A., Wilson, J., Wood-Vasey, W. M., Wylezalek, D., Xiao, T., Yan, R., Yang, M., Ybarra, J. E., Yèche, C., Zakamska, N., Zamora, O., Zarrouk, P., Zasowski, G., Zhang, K., Zhao, C., Zhao, G.-B., Zheng, Z., Zheng, Z., Zhou, Z.-M., Zhu, G., Zinn, J. C., & Zou, H. (2018), The Astrophysical Journal Supplement Series, 235, 42.

98. Ships Passing in the Night: Spectroscopic Analysis of Two Ultra-faint Satellites in the Constellation Carina
Li, T. S., Simon, J. D., Pace, A. B., Torrealba, G., Kuehn, K., Drlica-Wagner, A., Bechtol, K., Vivas, A. K., van der Marel, R. P., Wood, M., Yanny, B., Belokurov, V., Jethwa, P., Zucker, D. B., Lewis, G., Kron, R., **Nidever, D. L.**, Sánchez-Conde, M. A., Ji, A. P., Conn, B. C., James, D. J., Martin, N. F., Martinez-Delgado, D., Noël, N. E. D., & MagLiteS Collaboration (2018), The Astrophysical Journal, 857, 145.

97. Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View
Badenes, C., Mazzola, C., Thompson, T. A., Covey, K., Freeman, P. E., Walker, M. G., Moe, M., Troup, N., **Nidever, D.**, Allende Prieto, C., Andrews, B., Barbá, R. H., Beers, T. C., Bovy, J., Carlberg, J. K., De Lee, N., Johnson, J., Lewis, H., Majewski, S. R., Pinsonneault, M., Sobeck, J., Stassun, K. G., Stringfellow, G. S., & Zasowski, G. (2018), The Astrophysical Journal, 854, 147.

96. Temporal Variations of Telluric Water Vapor Absorption at Apache Point Observatory
Li, D., Blake, C. H., **Nidever, D.**, & Halverson, S. P. (2018), Publications of the Astronomical Society of the Pacific, 130, 014501.

95. The Bulge Metallicity Distribution from the APOGEE Survey

García Pérez, A. E., Ness, M., Robin, A. C., Martinez-Valpuesta, I., Sobeck, J., Zasowski, G., Majewski, S. R., Bovy, J., Allende Prieto, C., Cunha, K., Girardi, L., Mészáros, S., **Nidever, D.**, Schiavon, R. P., Schultheis, M., Shetrone, M., & Smith, V. V. (2018), The Astrophysical Journal, 852, 91.

94. The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory
Albareti, F. D., Allende Prieto, C., Almeida, A., Anders, F., Anderson, S., Andrews, B. H., Aragón-Salamanca, A., Argudo-Fernández, M., Armengaud, E., Aubourg, E., Avila-Reese, V., Badenes, C., Bailey, S., Barbuy, B., Barger, K., Barrera-Ballesteros, J., Bartosz, C., Basu, S., Bates, D., Battaglia, G., Baumgarten, F., Baur, J., Bautista, J., Beers, T. C., Belfiore, F., Bershady, M., Bertran de Lis, S., Bird, J. C., Bizyaev, D., Blanc, G. A., Blanton, M., Blomqvist, M., Bolton, A. S., Borissova, J., Bovy, J., Brandt, W. N., Brinkmann, J., Brownstein, J. R., Bundy, K., Burtin, E., Busca, N. G., Camacho Chavez, H. O., Cano Díaz, M., Cappellari, M., Carrera, R., Chen, Y., Cherinka, B., Cheung, E., Chiappini, C., Chojnowski, D., Chuang, C.-H., Chung, H., Cirolini, R. F., Clerc, N., Cohen, R. E., Comerford, J. M., Comparat, J., Correa do Nascimento, J., Cousinou, M.-C., Covey, K., Crane, J. D., Croft, R., Cunha, K., Darling, J., Davidson, J. W., Dawson, K., Da Costa, L., Da Silva Ilha, G., Deconto Machado, A., Delubac, T., De Lee, N., De la Macorra, A., De la Torre, S., Diamond-Stanic, A. M., Donor, J., Downes, J. J., Drory, N., Du, C., Du Mas des Bourboux, H., Dwelly, T., Ebelke, G., Eigenbrot, A., Eisenstein, D. J., Elsworth, Y. P., Emsellem, E., Eracleous, M., Escoffier, S., Evans, M. L., Falcón-Barroso, J., Fan, X., Favole, G., Fernandez-Alvar, E., Fernandez-Trincado, J. G., Feuillet, D., Fleming, S. W., Font-Ribera, A., Freischlad, G., Frinchaboy, P., Fu, H., Gao, Y., Garcia, R. A., Garcia-Dias, R., Garcia-Hernández, D. A., Garcia Pérez, A. E., Gaulme, P., Ge, J., Geisler, D., Gillespie, B., Gil Marin, H., Girardi, L., Goddard, D., Gomez Maqueo Chew, Y., Gonzalez-Perez, V., Grabowski, K., Green, P., Grier, C. J., Grier, T., Guo, H., Guy, J., Hagen, A., Hall, M., Harding, P., Harley, R. E., Hasselquist, S., Hawley, S., Hayes, C. R., Hearty, F., Hekker, S., Hernandez Toledo, H., Ho, S., Hogg, D. W., Holley-Bockelmann, K., Holtzman, J. A., Holzer, P. H., Hu, J., Huber, D., Hutchinson, T. A., Hwang, H. S., Ibarra-Medel, H. J., Ivans, I. I., Ivory, K., Jaehnig, K., Jensen, T. W., Johnson, J. A., Jones, A., Jullo, E., Kallinger, T., Kinemuchi, K., Kirkby, D., Klaene, M., Kneib, J.-P., Kollmeier, J. A., Lacerna, I., Lane, R. R., Lang, D., Laurent, P., Law, D. R., Leauthaud, A., Le Goff, J.-M., Li, C., Li, C., Li, N., Li, R., Liang, F.-H., Liang, Y., Lima, M., Lin, L., Lin, L., Lin, Y.-T., Liu, C., Long, D., Lucatello, S., MacDonald, N., MacLeod, C. L., Mackereth, J. T., Mahadevan, S., Maia, M. A. G., Maiolino, R., Majewski, S. R., Malanushenko, O., Malanushenko, V., Mallmann, N. D., Manchado, A., Maraston, C., Marques-Chaves, R., Martinez Valpuesta, I., Masters, K. L., Mathur, S., McGreer, I. D., Merloni, A., Merrifield, M. R., Mészáros, S., Meza, A., Miglio, A., Minchev, I., Molaverdikhani, K., Montero-Dorta, A. D., Mosser, B., Muna, D., Myers, A., Nair, P., Nandra, K., Ness, M., Newman, J. A., Nichol, R. C., **Nidever, D. L.**, Nitschelm, C., O'Connell, J., Oravetz, A., Oravetz, D. J., Pace, Z., Padilla, N., Palanque-Delabrouille, N., Pan, K., Parejko, J., Paris, I., Park, C., Peacock, J. A., Peirani, S., Pellejero-Ibanez, M., Penny, S., Percival, W. J., Percival, J. W., Perez-Fournon, I., Petitjean, P., Pieri, M., Pinsonneault, M. H., Pisani, A., Prada, F., Prakash, A., Price-Jones, N., Raddick, M. J., Rahman, M., Raichoor, A., Barboza Rembold, S., Reyna, A. M., Rich, J., Richstein, H., Ridl, J., Riffel, R. A., Riffel, R., Rix, H.-W., Robin, A. C., Rockosi, C. M., Rodríguez-Torres, S., Rodrigues, T. S., Roe, N., Roman Lopes, A., Román-Zúñiga, C., Ross, A. J., Rossi, G., Ruan, J., Ruggeri, R., Runnoe, J. C., Salazar-Albornoz, S., Salvato, M., Sanchez, S. F., Sanchez, A. G., Sanchez-Gallego, J. R., Santiago, B. X., Schiavon, R., Schimoia, J. S., Schlafly, E., Schlegel, D. J., Schneider, D. P., Schönrich, R., Schultheis, M., Schwope, A., Seo, H.-J., Serenelli, A., Sesar, B., Shao, Z., Shetrone, M., Shull, M., Silva Aguirre, V., Skrutskie, M. F., Slosar, A., Smith, M.,

Smith, V. V., Sobeck, J., Somers, G., Souto, D., Stark, D. V., Stassun, K. G., Steinmetz, M., Stello, D., Storchi Bergmann, T., Strauss, M. A., Streblyanska, A., Stringfellow, G. S., Suarez, G., Sun, J., Taghizadeh-Popp, M., Tang, B., Tao, C., Tayar, J., Tembe, M., Thomas, D., Tinker, J., Tojeiro, R., Tremonti, C., Troup, N., Trump, J. R., Unda-Sanzana, E., Valenzuela, O., Van den Bosch, R., Vargas-Magaña, M., Vazquez, J. A., Villanova, S., Vivek, M., Vogt, N., Wake, D., Walterbos, R., Wang, Y., Wang, E., Weaver, B. A., Weijmans, A.-M., Weinberg, D. H., Westfall, K. B., Whelan, D. G., Wilcots, E., Wild, V., Williams, R. A., Wilson, J., Wood-Vasey, W. M., Wylezalek, D., Xiao, T., Yan, R., Yang, M., Ybarra, J. E., Yeche, C., Yuan, F.-T., Zakamska, N., Zamora, O., Zasowski, G., Zhang, K., Zhao, C., Zhao, G.-B., Zheng, Z., Zheng, Z., Zhou, Z.-M., Zhu, G., Zinn, J. C., & Zou, H. (2017), The Astrophysical Journal Supplement Series, 233, 25.

93. Revealing the Ionization Properties of the Magellanic Stream Using Optical Emission
Barger, K. A., Madsen, G. J., Fox, A. J., Wakker, B. P., Bland-Hawthorn, J., **Nidever, D.**, Haffner, L. M., Antwi-Danso, J., Hernandez, M., Lehner, N., Hill, A. S., Curzons, A., & Tepper-García, T. (2017), The Astrophysical Journal, 851, 110.

92. The age-metallicity structure of the Milky Way disc using APOGEE
Mackereth, J. T., Bovy, J., Schiavon, R. P., Zasowski, G., Cunha, K., Frinchaboy, P. M., García Perez, A. E., Hayden, M. R., Holtzman, J., Majewski, S. R., Mészáros, S., **Nidever, D. L.**, Pinsonneault, M., & Shetrone, M. D. (2017), Monthly Notices of the Royal Astronomical Society, 471, 3057.

91. SMASH: Survey of the MAgellanic Stellar History
Nidever, D. L., Olsen, K., Walker, A. R., Vivas, A. K., Blum, R. D., Kaleida, C., Choi, Y., Conn, B. C., Gruendl, R. A., Bell, E. F., Besla, G., Muñoz, R. R., Gallart, C., Martin, N. F., Olszewski, E. W., Saha, A., Monachesi, A., Monelli, M., de Boer, T. J. L., Johnson, L. C., Zaritsky, D., Stringfellow, G. S., van der Marel, R. P., Cioni, M.-R. L., Jin, S., Majewski, S. R., Martinez-Delgado, D., Monteagudo, L., Noël, N. E. D., Bernard, E. J., Kunder, A., Chu, Y.-H., Bell, C. P. M., Santana, F., Frechem, J., Medina, G. E., Parkash, V., Navarrete, J. C. S., & Hayes, C. (2017), The Astronomical Journal, 154, 199.

90. Target Selection for the SDSS-IV APOGEE-2 Survey
Zasowski, G., Cohen, R. E., Chojnowski, S. D., Santana, F., Oelkers, R. J., Andrews, B., Beaton, R. L., Bender, C., Bird, J. C., Bovy, J., Carlberg, J. K., Covey, K., Cunha, K., Dell'Agli, F., Fleming, S. W., Frinchaboy, P. M., García-Hernández, D. A., Harding, P., Holtzman, J., Johnson, J. A., Kollmeier, J. A., Majewski, S. R., Mészáros, S., Munn, J., Muñoz, R. R., Ness, M. K., **Nidever, D. L.**, Poleski, R., Román-Zúñiga, C., Shetrone, M., Simon, J. D., Smith, V. V., Sobeck, J. S., Stringfellow, G. S., Szigetiáros, L., Tayar, J., & Troup, N. (2017), The Astronomical Journal, 154, 198.

89. Chemical Abundances and Ages of the Bulge Stars in APOGEE High-velocity Peaks
Zhou, Y., Shen, J., Liu, C., Li, Z.-Y., Mao, S., Kunder, A., Rich, R. M., Zasowski, G., Fernandez-Trincado, J. G., Majewski, S. R., Lin, C.-C., Geisler, D., Tang, B., Villanova, S., Roman-Lopes, A., Schultheis, M., **Nidever, D. L.**, Meza, A., Pan, K., & Bizyaev, D. V. (2017), The Astrophysical Journal, 847, 74.

88. The Apache Point Observatory Galactic Evolution Experiment (APOGEE)

Majewski, S. R., Schiavon, R. P., Frinchaboy, P. M., Allende Prieto, C., Barkhouser, R., Bizyaev, D., Blank, B., Brunner, S., Burton, A., Carrera, R., Chojnowski, S. D., Cunha, K., Epstein, C., Fitzgerald, G., García Pérez, A. E., Hearty, F. R., Henderson, C., Holtzman, J. A., Johnson, J. A., Lam, C. R., Lawler, J. E., Maseman, P., Mészáros, S., Nelson, M., Nguyen, D. C., **Nidever, D. L.**, Pinsonneault, M., Shetrone, M., Smee, S., Smith, V. V., Stolberg, T., Skrutskie, M. F., Walker, E., Wilson, J. C., Zasowski, G., Anders, F., Basu, S., Beland, S., Blanton, M. R., Bovy, J., Brownstein, J. R., Carlberg, J., Chaplin, W., Chiappini, C., Eisenstein, D. J., Elsworth, Y., Feuillet, D., Fleming, S. W., Galbraith-Frew, J., García, R. A., García-Hernández, D. A., Gillespie, B. A., Girardi, L., Gunn, J. E., Hasselquist, S., Hayden, M. R., Hekker, S., Ivans, I., Kinemuchi, K., Klaene, M., Mahadevan, S., Mathur, S., Mosser, B., Muna, D., Munn, J. A., Nichol, R. C., O'Connell, R. W., Parejko, J. K., Robin, A. C., Rocha-Pinto, H., Schultheis, M., Serenelli, A. M., Shane, N., Silva Aguirre, V., Sobeck, J. S., Thompson, B., Troup, N. W., Weinberg, D. H., & Zamora, O. (2017), The Astronomical Journal, 154, 94.

87. IN-SYNC VI. Identification and Radial Velocity Extraction for 100+ Double-Lined Spectroscopic Binaries in the APOGEE/IN-SYNC Fields
Fernandez, M. A., Covey, K. R., De Lee, N., Chojnowski, S. D., **Nidever, D.**, Ballantyne, R., Cottaar, M., Da Rio, N., Foster, J. B., Majewski, S. R., Meyer, M. R., Reyna, A. M., Roberts, G. W., Skinner, J., Stassun, K., Tan, J. C., Troup, N., & Zasowski, G. (2017), Publications of the Astronomical Society of the Pacific, 129, 084201.

86. APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy
Hasselquist, S., Shetrone, M., Smith, V., Holtzman, J., McWilliam, A., Fernández-Trincado, J. G., Beers, T. C., Majewski, S. R., **Nidever, D. L.**, Tang, B., Tissera, P. B., Fernández Alvar, E., Allende Prieto, C., Almeida, A., Anguiano, B., Battaglia, G., Carigi, L., Delgado Inglada, G., Frinchaboy, P., García-Hernández, D. A., Geisler, D., Minniti, D., Placco, V. M., Schultheis, M., Sobeck, J., & Villanova, S. (2017), The Astrophysical Journal, 845, 162.

85. IN-SYNC. V. Stellar Kinematics and Dynamics in the Orion A Molecular Cloud
Da Rio, N., Tan, J. C., Covey, K. R., Cottaar, M., Foster, J. B., Cullen, N. C., Tobin, J., Kim, J. S., Meyer, M. R., **Nidever, D. L.**, Stassun, K. G., Chojnowski, S. D., Flaherty, K. M., Majewski, S. R., Skrutskie, M. F., Zasowski, G., & Pan, K. (2017), The Astrophysical Journal, 845, 105.

84. Adding the s-Process Element Cerium to the APOGEE Survey: Identification and Characterization of Ce II Lines in the H-band Spectral Window
Cunha, K., Smith, V. V., Hasselquist, S., Souto, D., Shetrone, M. D., Allende Prieto, C., Bizyaev, D., Frinchaboy, P., García-Hernández, D. A., Holtzman, J., Johnson, J. A., Jőnsson, H., Majewski, S. R., Mészáros, S., **Nidever, D.**, Pinsonneault, M., Schiavon, R. P., Sobeck, J., Skrutskie, M. F., Zamora, O., Zasowski, G., & Fernández-Trincado, J. G. (2017), The Astrophysical Journal, 844, 145.

83. Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe
Blanton, M. R., Bershady, M. A., Abolfathi, B., Albareti, F. D., Allende Prieto, C., Almeida, A., Alonso-García, J., Anders, F., Anderson, S. F., Andrews, B., Aquino-Ortíz, E., Aragón-Salamanca, A., Argudo-Fernández, M., Armengaud, E., Aubourg, E., Avila-Reese, V., Badenes, C., Bailey, S., Barger, K. A., Barrera-Ballesteros, J., Bartosz, C., Bates, D., Baumgarten, F., Bautista, J., Beaton, R., Beers, T. C., Belfiore, F., Bender, C. F., Berlind, A. A., Bernardi, M., Beutler, F., Bird, J. C., Bizyaev, D., Blanc, G.

A., Blomqvist, M., Bolton, A. S., Boquien, M., Borissova, J., van den Bosch, R., Bovy, J., Brandt, W. N., Brinkmann, J., Brownstein, J. R., Bundy, K., Burgasser, A. J., Burtin, E., Busca, N. G., Cappellari, M., Delgado Carigi, M. L., Carlberg, J. K., Carnero Rosell, A., Carrera, R., Chanover, N. J., Cherinka, B., Cheung, E., Gómez Maqueo Chew, Y., Chiappini, C., Choi, P. D., Chojnowski, D., Chuang, C.-H., Chung, H., Cirolini, R. F., Clerc, N., Cohen, R. E., Comparat, J., da Costa, L., Cousinou, M.-C., Covey, K., Crane, J. D., Croft, R. A. C., Cruz-Gonzalez, I., Garrido Cuadra, D., Cunha, K., Damke, G. J., Darling, J., Davies, R., Dawson, K., de la Macorra, A., Dell'Agli, F., De Lee, N., Delubac, T., Di Mille, F., Diamond-Stanic, A., Cano-Díaz, M., Donor, J., Downes, J. J., Drory, N., du Mas des Bourboux, H., Duckworth, C. J., Dwelly, T., Dyer, J., Ebelke, G., Eigenbrot, A. D., Eisenstein, D. J., Emsellem, E., Eracleous, M., Escoffier, S., Evans, M. L., Fan, X., Fernández-Alvar, E., Fernandez-Trincado, J. G., Feuillet, D. K., Finoguenov, A., Fleming, S. W., Font-Ribera, A., Fredrickson, A., Freischlad, G., Frinchaboy, P. M., Fuentes, C. E., Galbany, L., Garcia-Dias, R., García-Hernández, D. A., Gaulme, P., Geisler, D., Gelfand, J. D., Gil-Marín, H., Gillespie, B. A., Goddard, D., Gonzalez-Perez, V., Grabowski, K., Green, P. J., Grier, C. J., Gunn, J. E., Guo, H., Guy, J., Hagen, A., Hahn, C., Hall, M., Harding, P., Hasselquist, S., Hawley, S. L., Hearty, F., Gonzalez Hernández, J. I., Ho, S., Hogg, D. W., Holley-Bockelmann, K., Holtzman, J. A., Holzer, P. H., Huehnerhoff, J., Hutchinson, T. A., Hwang, H. S., Ibarra-Medel, H. J., da Silva Ilha, G., Ivans, I. I., Ivory, K., Jackson, K., Jensen, T. W., Johnson, J. A., Jones, A., Jönsson, H., Jullo, E., Kamble, V., Kinemuchi, K., Kirkby, D., Kitaura, F.-S., Klaene, M., Knapp, G. R., Kneib, J.-P., Kollmeier, J. A., Lacerna, I., Lane, R. R., Lang, D., Law, D. R., Lazarz, D., Lee, Y., Le Goff, J.-M., Liang, F.-H., Li, C., Li, H., Lian, J., Lima, M., Lin, L., Lin, Y.-T., Bertran de Lis, S., Liu, C., de Icaza Lizaola, M. A. C., Long, D., Lucatello, S., Lundgren, B., MacDonald, N. K., Deconto Machado, A., MacLeod, C. L., Mahadevan, S., Geimba Maia, M. A., Maiolino, R., Majewski, S. R., Malanushenko, E., Malanushenko, V., Manchado, A., Mao, S., Maraston, C., Marques-Chaves, R., Masseron, T., Masters, K. L., McBride, C. K., McDermid, R. M., McGrath, B., McGreer, I. D., Medina Peña, N., Melendez, M., Merloni, A., Merrifield, M. R., Meszaros, S., Meza, A., Minchev, I., Minniti, D., Miyaji, T., More, S., Mulchaey, J., Müller-Sánchez, F., Muna, D., Munoz, R. R., Myers, A. D., Nair, P., Nandra, K., Correa do Nascimento, J., Negrete, A., Ness, M., Newman, J. A., Nichol, R. C., **Nidever, D. L.**, Nitschelm, C., Ntelis, P., O'Connell, J. E., Oelkers, R. J., Oravetz, A., Oravetz, D., Pace, Z., Padilla, N., Palanque-Delabrouille, N., Alonso Palicio, P., Pan, K., Parejko, J. K., Parikh, T., Pâris, I., Park, C., Patten, A. Y., Peirani, S., Pellejero-Ibanez, M., Penny, S., Percival, W. J., Perez-Fournon, I., Petitjean, P., Pieri, M. M., Pinsonneault, M., Pisani, A., Poleski, R., Prada, F., Prakash, A., Queiroz, A. B. de A., Raddick, M. J., Raichoor, A., Barboza Rembold, S., Richstein, H., Riffel, R. A., Riffel, R., Rix, H.-W., Robin, A. C., Rockosi, C. M., Rodríguez-Torres, S., Roman-Lopes, A., Román-Zúñiga, C., Rosado, M., Ross, A. J., Rossi, G., Ruan, J., Ruggeri, R., Rykoff, E. S., Salazar-Albornoz, S., Salvato, M., Sánchez, A. G., Aguado, D. S., Sánchez-Gallego, J. R., Santana, F. A., Santiago, B. X., Sayres, C., Schiavon, R. P., da Silva Schimoia, J., Schlafly, E. F., Schlegel, D. J., Schneider, D. P., Schultheis, M., Schuster, W. J., Schwope, A., Seo, H.-J., Shao, Z., Shen, S., Shetrone, M., Shull, M., Simon, J. D., Skinner, D., Skrutskie, M. F., Slosar, A., Smith, V. V., Sobeck, J. S., Sobreira, F., Somers, G., Souto, D., Stark, D. V., Stassun, K., Stauffer, F., Steinmetz, M., Storchi-Bergmann, T., Streblyanska, A., Stringfellow, G. S., Suárez, G., Sun, J., Suzuki, N., Szigeti, L., Taghizadeh-Popp, M., Tang, B., Tao, C., Tayar, J., Tembe, M., Teske, J., Thakar, A. R., Thomas, D., Thompson, B. A., Tinker, J. L., Tissera, P., Tojeiro, R., Hernandez Toledo, H., de la Torre, S., Tremonti, C., Troup, N. W., Valenzuela, O., Martinez Valpuesta, I., Vargas-González, J., Vargas-Magaña, M., Vazquez, J. A., Villanova, S., Vivek, M., Vogt, N., Wake, D., Walterbos, R., Wang, Y., Weaver, B. A., Weijmans, A.-M., Weinberg, D. H., Westfall, K. B., Whelan, D. G., Wild, V., Wilson, J., Wood-Vasey, W. M., Wylezalek, D., Xiao, T., Yan, R., Yang, M.,

Ybarra, J. E., Yèche, C., Zakamska, N., Zamora, O., Zarrouk, P., Zasowski, G., Zhang, K., Zhao, G.-B., Zheng, Z., Zheng, Z., Zhou, X., Zhou, Z.-M., Zhu, G. B., Zoccali, M., & Zou, H. (2017), The Astronomical Journal, 154, 28.

82. A stellar overdensity associated with the Small Magellanic Cloud
Pieres, A., Santiago, B. X., Drlica-Wagner, A., Bechtol, K., Marel, R. P. van . der ., Besla, G., Martin, N. F., Belokurov, V., Gallart, C., Martinez-Delgado, D., Marshall, J., Nöel, N. E. D., Majewski, S. R., Cioni, M.-R. L., Li, T. S., Hartley, W., Luque, E., Conn, B. C., Walker, A. R., Balbinot, E., Stringfellow, G. S., Olsen, K. A. G., **Nidever, D.**, da Costa, L. N., Ogando, R., Maia, M., Neto, A. F., Abbott, T. M. C., Abdalla, F. B., Allam, S., Annis, J., Benoit-Lévy, A., Rosell, A. C., Kind, M. C., Carretero, J., Cunha, C. E., D'Andrea, C. B., Desai, S., Diehl, H. T., Doel, P., Flaugher, B., Fosalba, P., García-Bellido, J., Gruen, D., Gruendl, R. A., Gschwend, J., Gutierrez, G., Honscheid, K., James, D., Kuehn, K., Kuropatkin, N., Menanteau, F., Miquel, R., Plazas, A. A., Romer, A. K., Sako, M., Sanchez, E., Scarpine, V., Schubnell, M., Sevilla-Noarbe, I., Smith, R. C., Soares-Santos, M., Sobreira, F., Suchyta, E., Swanson, M. E. C., Tarle, G., Tucker, D. L., & Wester, W. (2017), Monthly Notices of the Royal Astronomical Society, 468, 1349.

81. Chemical tagging with APOGEE: discovery of a large population of N-rich stars in the inner Galaxy
Schiavon, R. P., Zamora, O., Carrera, R., Lucatello, S., Robin, A. C., Ness, M., Martell, S. L., Smith, V. V., García-Hernández, D. A., Manchado, A., Schönrich, R., Bastian, N., Chiappini, C., Shetrone, M., Mackereth, J. T., Williams, R. A., Mészáros, S., Allende Prieto, C., Anders, F., Bizyaev, D., Beers, T. C., Chojnowski, S. D., Cunha, K., Epstein, C., Frinchaboy, P. M., García Pérez, A. E., Hearty, F. R., Holtzman, J. A., Johnson, J. A., Kinemuchi, K., Majewski, S. R., Muna, D., **Nidever, D. L**., Nguyen, D. C., O'Connell, R. W., Oravetz, D., Pan, K., Pinsonneault, M., Schneider, D. P., Schultheis, M., Simmons, A., Skrutskie, M. F., Sobeck, J., Wilson, J. C., & Zasowski, G. (2017), Monthly Notices of the Royal Astronomical Society, 465, 501.

80. Chemical Abundances of M-dwarfs from the APOGEE Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186
Souto, D., Cunha, K., García-Hernández, D. A., Zamora, O., Allende Prieto, C., Smith, V. V., Mahadevan, S., Blake, C., Johnson, J. A., Jönsson, H., Pinsonneault, M., Holtzman, J., Majewski, S. R., Shetrone, M., Teske, J., **Nidever, D.**, Schiavon, R., Sobeck, J., García Pérez, A. E., Gómez Maqueo Chew, Y., & Stassun, K. (2017), The Astrophysical Journal, 835, 239.

79. Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE
Anders, F., Chiappini, C., Rodrigues, T. S., Miglio, A., Montalbán, J., Mosser, B., Girardi, L., Valentini, M., Noels, A., Morel, T., Johnson, J. A., Schultheis, M., Baudin, F., de Assis Peralta, R., Hekker, S., Themeßl, N., Kallinger, T., García, R. A., Mathur, S., Baglin, A., Santiago, B. X., Martig, M., Minchev, I., Steinmetz, M., da Costa, L. N., Maia, M. A. G., Allende Prieto, C., Cunha, K., Beers, T. C., Epstein, C., García Pérez, A. E., García-Hernández, D. A., Harding, P., Holtzman, J., Majewski, S. R., Mészáros, S., **Nidever, D.**, Pan, K., Pinsonneault, M., Schiavon, R. P., Schneider, D. P., Shetrone, M. D., Stassun, K., Zamora, O., & Zasowski, G. (2017), Astronomy and Astrophysics, 597, A30.

78. An Ultra-faint Galaxy Candidate Discovered in Early Data from the Magellanic Satellites Survey

Drlica-Wagner, A., Bechtol, K., Allam, S., Tucker, D. L., Gruendl, R. A., Johnson, M. D., Walker, A. R., James, D. J., **Nidever, D. L.**, Olsen, K. A. G., Wechsler, R. H., Cioni, M. R. L., Conn, B. C., Kuehn, K., Li, T. S., Mao, Y.-Y., Martin, N. F., Neilsen, E., Noel, N. E. D., Pieres, A., Simon, J. D., Stringfellow, G. S., van der Marel, R. P., & Yanny, B. (2016), The Astrophysical Journal, 833, L5.

77. Chemical Tagging Can Work: Identification of Stellar Phase-space Structures Purely by Chemical-abundance Similarity
Hogg, D. W., Casey, A. R., Ness, M., Rix, H.-W., Foreman-Mackey, D., Hasselquist, S., Ho, A. Y. Q., Holtzman, J. A., Majewski, S. R., Martell, S. L., Mészáros, S., **Nidever, D. L.**, & Shetrone, M. (2016), The Astrophysical Journal, 833, 262.

76. The Stellar Density Profile of the Distant Galactic Halo
Slater, C. T., **Nidever, D. L.**, Munn, J. A., Bell, E. F., & Majewski, S. R. (2016), The Astrophysical Journal, 832, 206.

75. SMASH 1: A Very Faint Globular Cluster Disrupting in the Outer Reaches of the LMC?
Martin, N. F., Jungbluth, V., **Nidever, D. L.**, Bell, E. F., Besla, G., Blum, R. D., Cioni, M.-R. L., Conn, B. C., Kaleida, C. C., Gallart, C., Jin, S., Majewski, S. R., Martinez-Delgado, D., Monachesi, A., Muñoz, R. R., Noël, N. E. D., Olsen, K., Stringfellow, G. S., van der Marel, R. P., Vivas, A. K., Walker, A. R., & Zaritsky, D. (2016), The Astrophysical Journal, 830, L10.

74. Chemical abundance gradients from open clusters in the Milky Way disk: Results from the APOGEE survey
Cunha, K., Frinchaboy, P. M., Souto, D., Thompson, B., Zasowski, G., Allende Prieto, C., Carrera, R., Chiappini, C., Donor, J., García-Hernández, D. A., García Pérez, A. E., Hayden, M. R., Holtzman, J., Jackson, K. M., Johnson, J. A., Majewski, S. R., Mészáros, S., Meyer, B., **Nidever, D. L.**, O'Connell, J., Schiavon, R. P., Schultheis, M., Shetrone, M., Simmons, A., Smith, V. V., & et al. (2016), Astronomische Nachrichten, 337, 922.

73. Chemical Tagging in the SDSS-III/APOGEE Survey: New Identifications of Halo Stars with Globular Cluster Origins
Martell, S. L., Shetrone, M. D., Lucatello, S., Schiavon, R. P., Mészáros, S., Allende Prieto, C., García-Hernández, D. A., Beers, T. C., & **Nidever, D. L.** (2016), The Astrophysical Journal, 825, 146.

72. ASPCAP: The APOGEE Stellar Parameter and Chemical Abundances Pipeline
García Pérez, A. E., Allende Prieto, C., Holtzman, J. A., Shetrone, M., Mészáros, S., Bizyaev, D., Carrera, R., Cunha, K., García-Hernández, D. A., Johnson, J. A., Majewski, S. R., **Nidever, D. L.**, Schiavon, R. P., Shane, N., Smith, V. V., Sobeck, J., Troup, N., Zamora, O., Weinberg, D. H., Bovy, J., Eisenstein, D. J., Feuillet, D., Frinchaboy, P. M., Hayden, M. R., Hearty, F. R., Nguyen, D. C., O'Connell, R. W., Pinsonneault, M. H., Wilson, J. C., & Zasowski, G. (2016), The Astronomical Journal, 151, 144.

71. The Stellar Population Structure of the Galactic Disk
Bovy, J., Rix, H.-W., Schlafly, E. F., **Nidever, D. L.**, Holtzman, J. A., Shetrone, M., & Beers, T. C. (2016), The Astrophysical Journal, 823, 30.

70. Variable Stars in the Field of the Hydra II Ultra-faint Dwarf Galaxy
Vivas, A. K., Olsen, K., Blum, R., **Nidever, D. L.**, Walker, A. R., Martin, N. F., Besla, G., Gallart, C., van der Marel, R. P., Majewski, S. R., Kaleida, C. C., Muñoz, R. R., Saha, A., Conn, B. C., & Jin, S. (2016), The Astronomical Journal, 151, 118.

69. Cosmic variance in [O/Fe] in the Galactic disk
Bertran de Lis, S., Allende Prieto, C., Majewski, S. R., Schiavon, R. P., Holtzman, J. A., Shetrone, M., Carrera, R., García Pérez, A. E., Mészáros, S., Frinchaboy, P. M., Hearty, F. R., **Nidever, D. L.**, Zasowski, G., & Ge, J. (2016), Astronomy and Astrophysics, 590, A74.

68. Magellan/M2FS Spectroscopy of Tucana 2 and Grus 1
Walker, M. G., Mateo, M., Olszewski, E. W., Koposov, S., Belokurov, V., Jethwa, P., **Nidever, D. L.**, Bonnivard, V., Bailey, J. I., Bell, E. F., & Loebman, S. R. (2016), The Astrophysical Journal, 819, 53.

67. APOGEE Kinematics. I. Overview of the Kinematics of the Galactic Bulge as Mapped By APOGEE
Ness, M., Zasowski, G., Johnson, J. A., Athanassoula, E., Majewski, S. R., García Pérez, A. E., Bird, J., **Nidever, D.**, Schneider, D. P., Sobeck, J., Frinchaboy, P., Pan, K., Bizyaev, D., Oravetz, D., & Simmons, A. (2016), The Astrophysical Journal, 819, 2.

66. Companions to APOGEE Stars. I. A Milky Way-spanning Catalog of Stellar and Substellar Companion Candidates and Their Diverse Hosts
Troup, N. W., **Nidever, D. L.**, De Lee, N., Carlberg, J., Majewski, S. R., Fernandez, M., Covey, K., Chojnowski, S. D., Pepper, J., Nguyen, D. T., Stassun, K., Nguyen, D. C., Wisniewski, J. P., Fleming, S. W., Bizyaev, D., Frinchaboy, P. M., García-Hernández, D. A., Ge, J., Hearty, F., Meszaros, S., Pan, K., Allende Prieto, C., Schneider, D. P., Shetrone, M. D., Skrutskie, M. F., Wilson, J., & Zamora, O. (2016), The Astronomical Journal, 151, 85.

65. Detailed Chemical Abundances in the r-process-rich Ultra-faint Dwarf Galaxy Reticulum 2
Roederer, I. U., Mateo, M., Bailey, J. I., Song, Y., Bell, E. F., Crane, J. D., Loebman, S., **Nidever, D. L.**, Olszewski, E. W., Shectman, S. A., Thompson, I. B., Valluri, M., & Walker, M. G. (2016), The Astronomical Journal, 151, 82.

64. Imprints of Radial Migration on the Milky Way's Metallicity Distribution Functions
Loebman, S. R., Debattista, V. P., **Nidever, D. L.**, Hayden, M. R., Holtzman, J. A., Clarke, A. J., Roškar, R., & Valluri, M. (2016), The Astrophysical Journal, 818, L6.

63. IN-SYNC. IV. The Young Stellar Population in the Orion A Molecular Cloud
Da Rio, N., Tan, J. C., Covey, K. R., Cottaar, M., Foster, J. B., Cullen, N. C., Tobin, J. J., Kim, J. S., Meyer, M. R., **Nidever, D. L.**, Stassun, K. G., Chojnowski, S. D., Flaherty, K. M., Majewski, S., Skrutskie, M. F., Zasowski, G., & Pan, K. (2016), The Astrophysical Journal, 818, 59.

62. Determining Ages of APOGEE Giants with Known Distances
Feuillet, D. K., Bovy, J., Holtzman, J., Girardi, L., MacDonald, N., Majewski, S. R., & **Nidever, D. L.** (2016), The Astrophysical Journal, 817, 40.

61. The Data Reduction Pipeline for the Apache Point Observatory Galactic Evolution Experiment
N**idever, D. L.**, Holtzman, J. A., Allende Prieto, C., Beland, S., Bender, C., Bizyaev, D., Burton, A., Desphande, R., Fleming, S. W., García Pérez, A. E., Hearty, F. R., Majewski, S. R., Mészáros, S., Muna, D., Nguyen, D., Schiavon, R. P., Shetrone, M., Skrutskie, M. F., Sobeck, J. S., & Wilson, J. C. (2015), The Astronomical Journal, 150, 173.

60. Abundances, Stellar Parameters, and Spectra from the SDSS-III/APOGEE Survey
Holtzman, J. A., Shetrone, M., Johnson, J. A., Allende Prieto, C., Anders, F., Andrews, B., Beers, T. C., Bizyaev, D., Blanton, M. R., Bovy, J., Carrera, R., Chojnowski, S. D., Cunha, K., Eisenstein, D. J., Feuillet, D., Frinchaboy, P. M., Galbraith-Frew, J., García Pérez, A. E., García-Hernández, D. A., Hasselquist, S., Hayden, M. R., Hearty, F. R., Ivans, I., Majewski, S. R., Martell, S., Meszaros, S., Muna, D., **Nidever, D.**, Nguyen, D. C., O'Connell, R. W., Pan, K., Pinsonneault, M., Robin, A. C., Schiavon, R. P., Shane, N., Sobeck, J., Smith, V. V., Troup, N., Weinberg, D. H., Wilson, J. C., Wood-Vasey, W. M., Zamora, O., & Zasowski, G. (2015), The Astronomical Journal, 150, 148.

59. Young α-enriched giant stars in the solar neighbourhood
Martig, M., Rix, H.-W., Silva Aguirre, V., Hekker, S., Mosser, B., Elsworth, Y., Bovy, J., Stello, D., Anders, F., García, R. A., Tayar, J., Rodrigues, T. S., Basu, S., Carrera, R., Ceillier, T., Chaplin, W. J., Chiappini, C., Frinchaboy, P. M., García-Hernández, D. A., Hearty, F. R., Holtzman, J., Johnson, J. A., Majewski, S. R., Mathur, S., Mészáros, S., Miglio, A., **Nidever, D.**, Pan, K., Pinsonneault, M., Schiavon, R. P., Schneider, D. P., Serenelli, A., Shetrone, M., & Zamora, O. (2015), Monthly Notices of the Royal Astronomical Society, 451, 2230.

58. Chemical Cartography with APOGEE: Metallicity Distribution Functions and the Chemical Structure of the Milky Way Disk
Hayden, M. R., Bovy, J., Holtzman, J. A., **Nidever, D. L.**, Bird, J. C., Weinberg, D. H., Andrews, B. H., Majewski, S. R., Allende Prieto, C., Anders, F., Beers, T. C., Bizyaev, D., Chiappini, C., Cunha, K., Frinchaboy, P., García-Herńandez, D. A., García Pérez, A. E., Girardi, L., Harding, P., Hearty, F. R., Johnson, J. A., Mészáros, S., Minchev, I., O'Connell, R., Pan, K., Robin, A. C., Schiavon, R. P., Schneider, D. P., Schultheis, M., Shetrone, M., Skrutskie, M., Steinmetz, M., Smith, V., Wilson, J. C., Zamora, O., & Zasowski, G. (2015), The Astrophysical Journal, 808, 132.

57. The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III
Alam, S., Albareti, F. D., Allende Prieto, C., Anders, F., Anderson, S. F., Anderton, T., Andrews, B. H., Armengaud, E., Aubourg, É., Bailey, S., Basu, S., Bautista, J. E., Beaton, R. L., Beers, T. C., Bender, C. F., Berlind, A. A., Beutler, F., Bhardwaj, V., Bird, J. C., Bizyaev, D., Blake, C. H., Blanton, M. R., Blomqvist, M., Bochanski, J. J., Bolton, A. S., Bovy, J., Shelden Bradley, A., Brandt, W. N., Brauer, D. E., Brinkmann, J., Brown, P. J., Brownstein, J. R., Burden, A., Burtin, E., Busca, N. G., Cai, Z., Capozzi, D., Carnero Rosell, A., Carr, M. A., Carrera, R., Chambers, K. C., Chaplin, W. J., Chen, Y.-C., Chiappini, C., Chojnowski, S. D., Chuang, C.-H., Clerc, N., Comparat, J., Covey, K., Croft, R. A. C., Cuesta, A. J., Cunha, K., da Costa, L. N., Da Rio, N., Davenport, J. R. A., Dawson, K. S., De Lee, N., Delubac, T., Deshpande, R., Dhital, S., Dutra-Ferreira, L., Dwelly, T., Ealet, A., Ebelke, G. L., Edmondson, E. M., Eisenstein, D. J., Ellsworth, T., Elsworth, Y., Epstein, C. R., Eracleous, M., Escoffier, S., Esposito, M., Evans, M. L., Fan, X., Fernández-Alvar, E., Feuillet, D., Filiz Ak, N., Finley,

H., Finoguenov, A., Flaherty, K., Fleming, S. W., Font-Ribera, A., Foster, J., Frinchaboy, P. M., Galbraith-Frew, J. G., García, R. A., García-Hernández, D. A., García Pérez, A. E., Gaulme, P., Ge, J., Génova-Santos, R., Georgakakis, A., Ghezzi, L., Gillespie, B. A., Girardi, L., Goddard, D., Gontcho, S. G. A., González Hernández, J. I., Grebel, E. K., Green, P. J., Grieb, J. N., Grieves, N., Gunn, J. E., Guo, H., Harding, P., Hasselquist, S., Hawley, S. L., Hayden, M., Hearty, F. R., Hekker, S., Ho, S., Hogg, D. W., Holley-Bockelmann, K., Holtzman, J. A., Honscheid, K., Huber, D., Huehnerhoff, J., Ivans, I. I., Jiang, L., Johnson, J. A., Kinemuchi, K., Kirkby, D., Kitaura, F., Klaene, M. A., Knapp, G. R., Kneib, J.-P., Koenig, X. P., Lam, C. R., Lan, T.-W., Lang, D., Laurent, P., Le Goff, J.-M., Leauthaud, A., Lee, K.-G., Lee, Y. S., Licquia, T. C., Liu, J., Long, D. C., López-Corredoira, M., Lorenzo-Oliveira, D., Lucatello, S., Lundgren, B., Lupton, R. H., Mack, C. E., Mahadevan, S., Maia, M. A. G., Majewski, S. R., Malanushenko, E., Malanushenko, V., Manchado, A., Manera, M., Mao, Q., Maraston, C., Marchwinski, R. C., Margala, D., Martell, S. L., Martig, M., Masters, K. L., Mathur, S., McBride, C. K., McGehee, P. M., McGreer, I. D., McMahon, R. G., Ménard, B., Menzel, M.-L., Merloni, A., Mészáros, S., Miller, A. A., Miralda-Escudé, J., Miyatake, H., Montero-Dorta, A. D., More, S., Morganson, E., Morice-Atkinson, X., Morrison, H. L., Mosser, B., Muna, D., Myers, A. D., Nandra, K., Newman, J. A., Neyrinck, M., Nguyen, D. C., Nichol, R. C., **Nidever, D. L.**, Noterdaeme, P., Nuza, S. E., O'Connell, J. E., O'Connell, R. W., O'Connell, R., Ogando, R. L. C., Olmstead, M. D., Oravetz, A. E., Oravetz, D. J., Osumi, K., Owen, R., Padgett, D. L., Padmanabhan, N., Paegert, M., Palanque-Delabrouille, N., Pan, K., Parejko, J. K., Pâris, I., Park, C., Pattarakijwanich, P., Pellejero-Ibanez, M., Pepper, J., Percival, W. J., Pérez-Fournon, I., Pérez-Ràfols, I., Petitjean, P., Pieri, M. M., Pinsonneault, M. H., Porto de Mello, G. F., Prada, F., Prakash, A., Price-Whelan, A. M., Protopapas, P., Raddick, M. J., Rahman, M., Reid, B. A., Rich, J., Rix, H.-W., Robin, A. C., Rockosi, C. M., Rodrigues, T. S., Rodríguez-Torres, S., Roe, N. A., Ross, A. J., Ross, N. P., Rossi, G., Ruan, J. J., Rubiño-Martín, J. A., Rykoff, E. S., Salazar-Albornoz, S., Salvato, M., Samushia, L., Sánchez, A. G., Santiago, B., Sayres, C., Schiavon, R. P., Schlegel, D. J., Schmidt, S. J., Schneider, D. P., Schultheis, M., Schwope, A. D., Scóccola, C. G., Scott, C., Sellgren, K., Seo, H.-J., Serenelli, A., Shane, N., Shen, Y., Shetrone, M., Shu, Y., Silva Aguirre, V., Sivarani, T., Skrutskie, M. F., Slosar, A., Smith, V. V., Sobreira, F., Souto, D., Stassun, K. G., Steinmetz, M., Stello, D., Strauss, M. A., Streblyanska, A., Suzuki, N., Swanson, M. E. C., Tan, J. C., Tayar, J., Terrien, R. C., Thakar, A. R., Thomas, D., Thomas, N., Thompson, B. A., Tinker, J. L., Tojeiro, R., Troup, N. W., Vargas-Magaña, M., Vazquez, J. A., Verde, L., Viel, M., Vogt, N. P., Wake, D. A., Wang, J., Weaver, B. A., Weinberg, D. H., Weiner, B. J., White, M., Wilson, J. C., Wisniewski, J. P., Wood-Vasey, W. M., Ye`che, C., York, D. G., Zakamska, N. L., Zamora, O., Zasowski, G., Zehavi, I., Zhao, G.-B., Zheng, Z., Zhou, X., Zhou, Z., Zou, H., & Zhu, G. (2015), The Astrophysical Journal Supplement Series, 219, 12.

56. Rapid Rotation of Low-mass Red Giants Using APOKASC: A Measure of Interaction Rates on the Post-main-sequence
Tayar, J., Ceillier, T., García-Hernández, D. A., Troup, N. W., Mathur, S., García, R. A., Zamora, O., Johnson, J. A., Pinsonneault, M. H., Mészáros, S., Allende Prieto, C., Chaplin, W. J., Elsworth, Y., Hekker, S., **Nidever, D. L.**, Salabert, D., Schneider, D. P., Serenelli, A., Shetrone, M., & Stello, D. (2015), The Astrophysical Journal, 807, 82.

55. IN-SYNC. III. The Dynamical State of IC 348 - A Super-virial Velocity Dispersion and a Puzzling Sign of Convergence

Cottaar, M., Covey, K. R., Foster, J. B., Meyer, M. R., Tan, J. C., **Nidever, D. L.**, Chojnowski, S. D., da Rio, N., Flaherty, K. M., Frinchaboy, P. M., Majewski, S., Skrutskie, M. F., Wilson, J. C., & Zasowski, G. (2015), The Astrophysical Journal, 807, 27.

54. Hydra II: A Faint and Compact Milky Way Dwarf Galaxy Found in the Survey of the Magellanic Stellar History
Martin, N. F., **Nidever, D. L.**, Besla, G., Olsen, K., Walker, A. R., Vivas, A. K., Gruendl, R. A., Kaleida, C. C., Muñoz, R. R., Blum, R. D., Saha, A., Conn, B. C., Bell, E. F., Chu, Y.-H., Cioni, M.-R. L., de Boer, T. J. L., Gallart, C., Jin, S., Kunder, A., Majewski, S. R., Martinez-Delgado, D., Monachesi, A., Monelli, M., Monteagudo, L., Noël, N. E. D., Olszewski, E. W., Stringfellow, G. S., van der Marel, R. P., & Zaritsky, D. (2015), The Astrophysical Journal, 804, L5.

53. Exploring Anticorrelations and Light Element Variations in Northern Globular Clusters Observed by the APOGEE Survey
Mészáros, S., Martell, S. L., Shetrone, M., Lucatello, S., Troup, N. W., Bovy, J., Cunha, K., García-Hernández, D. A., Overbeek, J. C., Allende Prieto, C., Beers, T. C., Frinchaboy, P. M., García Pérez, A. E., Hearty, F. R., Holtzman, J., Majewski, S. R., **Nidever, D. L.**, Schiavon, R. P., Schneider, D. P., Sobeck, J. S., Smith, V. V., Zamora, O., & Zasowski, G. (2015), The Astronomical Journal, 149, 153.

52. The APOGEE Spectroscopic Survey of Kepler Planet Hosts: Feasibility, Efficiency, and First Results
Fleming, S. W., Mahadevan, S., Deshpande, R., Bender, C. F., Terrien, R. C., Marchwinski, R. C., Wang, J., Roy, A., Stassun, K. G., Allende Prieto, C., Cunha, K., Smith, V. V., Agol, E., Ak, H., Bastien, F. A., Bizyaev, D., Crepp, J. R., Ford, E. B., Frinchaboy, P. M., García-Hernández, D. A., García Pérez, A. E., Gaudi, B. S., Ge, J., Hearty, F., Ma, B., Majewski, S. R., Mészáros, S., **Nidever, D. L.**, Pan, K., Pepper, J., Pinsonneault, M. H., Schiavon, R. P., Schneider, D. P., Wilson, J. C., Zamora, O., & Zasowski, G. (2015), The Astronomical Journal, 149, 143.

51. Young [α/Fe]-enhanced stars discovered by CoRoT and APOGEE: What is their origin?
Chiappini, C., Anders, F., Rodrigues, T. S., Miglio, A., Montalbán, J., Mosser, B., Girardi, L., Valentini, M., Noels, A., Morel, T., Minchev, I., Steinmetz, M., Santiago, B. X., Schultheis, M., Martig, M., da Costa, L. N., Maia, M. A. G., Allende Prieto, C., de Assis Peralta, R., Hekker, S., Themeßl, N., Kallinger, T., García, R. A., Mathur, S., Baudin, F., Beers, T. C., Cunha, K., Harding, P., Holtzman, J., Majewski, S., Mészáros, S., **Nidever, D.**, Pan, K., Schiavon, R. P., Shetrone, M. D., Schneider, D. P., & Stassun, K. (2015), Astronomy and Astrophysics, 576, L12.

50. The Puzzling Li-rich Red Giant Associated with NGC 6819
Carlberg, J. K., Smith, V. V., Cunha, K., Majewski, S. R., Mészáros, S., Shetrone, M., Allende Prieto, C., Bizyaev, D., Stassun, K. G., Fleming, S. W., Zasowski, G., Hearty, F., **Nidever, D. L.**, Schneider, D. P., Holtzman, J. A., & Frinchaboy, P. M. (2015), The Astrophysical Journal, 802, 7.

49. The Power Spectrum of the Milky Way: Velocity Fluctuations in the Galactic Disk
Bovy, J., Bird, J. C., García Pérez, A. E., Majewski, S. R., **Nidever, D. L.**, & Zasowski, G. (2015), The Astrophysical Journal, 800, 83.

48. IN-SYNC. II. Virial Stars from Subvirial Cores—the Velocity Dispersion of Embedded Pre-main-sequence Stars in NGC 1333
Foster, J. B., Cottaar, M., Covey, K. R., Arce, H. G., Meyer, M. R., **Nidever, D. L.**, Stassun, K. G., Tan, J. C., Chojnowski, S. D., da Rio, N., Flaherty, K. M., Rebull, L., Frinchaboy, P. M., Majewski, S. R., Skrutskie, M., Wilson, J. C., & Zasowski, G. (2015), The Astrophysical Journal, 799, 136.

47. Sodium and Oxygen Abundances in the Open Cluster NGC 6791 from APOGEE H-band Spectroscopy
Cunha, K., Smith, V. V., Johnson, J. A., Bergemann, M., Mészáros, S., Shetrone, M. D., Souto, D., Allende Prieto, C., Schiavon, R. P., Frinchaboy, P., Zasowski, G., Bizyaev, D., Holtzman, J., García Pérez, A. E., Majewski, S. R., **Nidever, D.**, Beers, T., Carrera, R., Geisler, D., Gunn, J., Hearty, F., Ivans, I., Martell, S., Pinsonneault, M., Schneider, D. P., Sobeck, J., Stello, D., Stassun, K. G., Skrutskie, M., & Wilson, J. C. (2015), The Astrophysical Journal, 798, L41.

46. Mapping the Interstellar Medium with Near-infrared Diffuse Interstellar Bands
Zasowski, G., Ménard, B., Bizyaev, D., García-Hernández, D. A., García Pérez, A. E., Hayden, M. R., Holtzman, J., Johnson, J. A., Kinemuchi, K., Majewski, S. R., **Nidever, D. L.**, Shetrone, M., & Wilson, J. C. (2015), The Astrophysical Journal, 798, 35.

45. High-Resolution H-Band Spectroscopy of Be Stars With SDSS-III/Apogee: I. New Be Stars, Line Identifications, and Line Profiles
Chojnowski, S. D., Whelan, D. G., Wisniewski, J. P., Majewski, S. R., Hall, M., Shetrone, M., Beaton, R., Burton, A., Damke, G., Eikenberry, S., Hasselquist, S., Holtzman, J. A., Mészáros, S., **Nidever, D.**, Schneider, D. P., Wilson, J., Zasowski, G., Bizyaev, D., Brewington, H., Brinkmann, J., Ebelke, G., Frinchaboy, P. M., Kinemuchi, K., Malanushenko, E., Malanushenko, V., Marchante, M., Oravetz, D., Pan, K., & Simmons, A. (2015), The Astronomical Journal, 149, 7.

44. Bayesian distances and extinctions for giants observed by Kepler and APOGEE
Rodrigues, T. S., Girardi, L., Miglio, A., Bossini, D., Bovy, J., Epstein, C., Pinsonneault, M. H., Stello, D., Zasowski, G., Allende Prieto, C., Chaplin, W. J., Hekker, S., Johnson, J. A., Mészáros, S., Mosser, B., Anders, F., Basu, S., Beers, T. C., Chiappini, C., da Costa, L. A. N., Elsworth, Y., García, R. A., García Pérez, A. E., Hearty, F. R., Maia, M. A. G., Majewski, S. R., Mathur, S., Montalbán, J., **Nidever, D. L.**, Santiago, B., Schultheis, M., Serenelli, A., & Shetrone, M. (2014), Monthly Notices of the Royal Astronomical Society, 445, 2758.

43. The APOKASC Catalog: An Asteroseismic and Spectroscopic Joint Survey of Targets in the Kepler Fields
Pinsonneault, M. H., Elsworth, Y., Epstein, C., Hekker, S., Mészáros, S., Chaplin, W. J., Johnson, J. A., García, R. A., Holtzman, J., Mathur, S., García Pérez, A., Silva Aguirre, V., Girardi, L., Basu, S., Shetrone, M., Stello, D., Allende Prieto, C., An, D., Beck, P., Beers, T. C., Bizyaev, D., Bloemen, S., Bovy, J., Cunha, K., De Ridder, J., Frinchaboy, P. M., García-Hernández, D. A., Gilliland, R., Harding, P., Hearty, F. R., Huber, D., Ivans, I., Kallinger, T., Majewski, S. R., Metcalfe, T. S., Miglio, A., Mosser, B., Muna, D., **Nidever, D. L.**, Schneider, D. P., Serenelli, A., Smith, V. V., Tayar, J., Zamora, O., & Zasowski, G. (2014), The Astrophysical Journal Supplement Series, 215, 19.

42. The H I Chronicles of LITTLE THINGS BCDs II: The Origin of IC 10's H I Structure
Ashley, T., Elmegreen, B. G., Johnson, M., **Nidever, D. L.**, Simpson, C. E., & Pokhrel, N. R. (2014), The Astronomical Journal, 148, 130.

41. Tracing Chemical Evolution over the Extent of the Milky Way's Disk with APOGEE Red Clump Stars
Nidever, D. L., Bovy, J., Bird, J. C., Andrews, B. H., Hayden, M., Holtzman, J., Majewski, S. R., Smith, V., Robin, A. C., García Pérez, A. E., Cunha, K., Allende Prieto, C., Zasowski, G., Schiavon, R. P., Johnson, J. A., Weinberg, D. H., Feuillet, D., Schneider, D. P., Shetrone, M., Sobeck, J., García-Hernández, D. A., Zamora, O., Rix, H.-W., Beers, T. C., Wilson, J. C., O'Connell, R. W., Minchev, I., Chiappini, C., Anders, F., Bizyaev, D., Brewington, H., Ebelke, G., Frinchaboy, P. M., Ge, J., Kinemuchi, K., Malanushenko, E., Malanushenko, V., Marchante, M., Mészáros, S., Oravetz, D., Pan, K., Simmons, A., & Skrutskie, M. F. (2014), The Astrophysical Journal, 796, 38.

40. IN-SYNC I: Homogeneous Stellar Parameters from High-resolution APOGEE Spectra for Thousands of Pre-main Sequence Stars
Cottaar, M., Covey, K. R., Meyer, M. R., **Nidever, D. L.**, Stassun, K. G., Foster, J. B., Tan, J. C., Chojnowski, S. D., da Rio, N., Flaherty, K. M., Frinchaboy, P. M., Skrutskie, M., Majewski, S. R., Wilson, J. C., & Zasowski, G. (2014), The Astrophysical Journal, 794, 125.

39. The APOGEE Red-clump Catalog: Precise Distances, Velocities, and High-resolution Elemental Abundances over a Large Area of the Milky Way's Disk
Bovy, J., **Nidever, D. L.**, Rix, H.-W., Girardi, L., Zasowski, G., Chojnowski, S. D., Holtzman, J., Epstein, C., Frinchaboy, P. M., Hayden, M. R., Rodrigues, T. S., Majewski, S. R., Johnson, J. A., Pinsonneault, M. H., Stello, D., Allende Prieto, C., Andrews, B., Basu, S., Beers, T. C., Bizyaev, D., Burton, A., Chaplin, W. J., Cunha, K., Elsworth, Y., García, R. A., García-Herńandez, D. A., García Pérez, A. E., Hearty, F. R., Hekker, S., Kallinger, T., Kinemuchi, K., Koesterke, L., Mészáros, S., Mosser, B., O'Connell, R. W., Oravetz, D., Pan, K., Robin, A. C., Schiavon, R. P., Schneider, D. P., Schultheis, M., Serenelli, A., Shetrone, M., Silva Aguirre, V., Simmons, A., Skrutskie, M., Smith, V. V., Stassun, K., Weinberg, D. H., Wilson, J. C., & Zamora, O. (2014), The Astrophysical Journal, 790, 127.

38. Extinction Maps toward the Milky Way Bulge: Two-dimensional and Three-dimensional Tests with APOGEE
Schultheis, M., Zasowski, G., Allende Prieto, C., Anders, F., Beaton, R. L., Beers, T. C., Bizyaev, D., Chiappini, C., Frinchaboy, P. M., García Pérez, A. E., Ge, J., Hearty, F., Holtzman, J., Majewski, S. R., Muna, D., **Nidever, D.**, Shetrone, M., & Schneider, D. P. (2014), The Astronomical Journal, 148, 24.

37. Development of Fiber Fabry-Perot Interferometers as Stable Near-infrared Calibration Sources for High Resolution Spectrographs
Halverson, S., Mahadevan, S., Ramsey, L., Hearty, F., Wilson, J., Holtzman, J., Redman, S., Nave, G., **Nidever, D.**, Nelson, M., Venditti, N., Bizyaev, D., & Fleming, S. (2014), Publications of the Astronomical Society of the Pacific, 126, 445.

36. Chemical Cartography with APOGEE: Large-scale Mean Metallicity Maps of the Milky Way Disk

Hayden, M. R., Holtzman, J. A., Bovy, J., Majewski, S. R., Johnson, J. A., Allende Prieto, C., Beers, T. C., Cunha, K., Frinchaboy, P. M., García Pérez, A. E., Girardi, L., Hearty, F. R., Lee, Y. S., **Nidever, D.**, Schiavon, R. P., Schlesinger, K. J., Schneider, D. P., Schultheis, M., Shetrone, M., Smith, V. V., Zasowski, G., Bizyaev, D., Feuillet, D., Hasselquist, S., Kinemuchi, K., Malanushenko, E., Malanushenko, V., O'Connell, R., Pan, K., & Stassun, K. (2014), The Astronomical Journal, 147, 116.

35. The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment
Ahn, C. P., Alexandroff, R., Allende Prieto, C., Anders, F., Anderson, S. F., Anderton, T., Andrews, B. H., Aubourg, É., Bailey, S., Bastien, F. A., Bautista, J. E., Beers, T. C., Beifiori, A., Bender, C. F., Berlind, A. A., Beutler, F., Bhardwaj, V., Bird, J. C., Bizyaev, D., Blake, C. H., Blanton, M. R., Blomqvist, M., Bochanski, J. J., Bolton, A. S., Borde, A., Bovy, J., Shelden Bradley, A., Brandt, W. N., Brauer, D., Brinkmann, J., Brownstein, J. R., Busca, N. G., Carithers, W., Carlberg, J. K., Carnero, A. R., Carr, M. A., Chiappini, C., Chojnowski, S. D., Chuang, C.-H., Comparat, J., Crepp, J. R., Cristiani, S., Croft, R. A. C., Cuesta, A. J., Cunha, K., da Costa, L. N., Dawson, K. S., De Lee, N., Dean, J. D. R., Delubac, T., Deshpande, R., Dhital, S., Ealet, A., Ebelke, G. L., Edmondson, E. M., Eisenstein, D. J., Epstein, C. R., Escoffier, S., Esposito, M., Evans, M. L., Fabbian, D., Fan, X., Favole, G., Femenía Castellá, B., Fernández Alvar, E., Feuillet, D., Filiz Ak, N., Finley, H., Fleming, S. W., Font-Ribera, A., Frinchaboy, P. M., Galbraith-Frew, J. G., García-Hernández, D. A., García Pérez, A. E., Ge, J., Génova-Santos, R., Gillespie, B. A., Girardi, L., González Hernández, J. I., Gott, J. R., Gunn, J. E., Guo, H., Halverson, S., Harding, P., Harris, D. W., Hasselquist, S., Hawley, S. L., Hayden, M., Hearty, F. R., Herrero Davó, A., Ho, S., Hogg, D. W., Holtzman, J. A., Honscheid, K., Huehnerhoff, J., Ivans, I. I., Jackson, K. M., Jiang, P., Johnson, J. A., Kinemuchi, K., Kirkby, D., Klaene, M. A., Kneib, J.-P., Koesterke, L., Lan, T.-W., Lang, D., Le Goff, J.-M., Leauthaud, A., Lee, K.-G., Lee, Y. S., Long, D. C., Loomis, C. P., Lucatello, S., Lupton, R. H., Ma, B., Mack, C. E., Mahadevan, S., Maia, M. A. G., Majewski, S. R., Malanushenko, E., Malanushenko, V., Manchado, A., Manera, M., Maraston, C., Margala, D., Martell, S. L., Masters, K. L., McBride, C. K., McGreer, I. D., McMahon, R. G., Ménard, B., Mészáros, S., Miralda-Escudé, J., Miyatake, H., Montero-Dorta, A. D., Montesano, F., More, S., Morrison, H. L., Muna, D., Munn, J. A., Myers, A. D., Nguyen, D. C., Nichol, R. C., **Nidever, D. L.**, Noterdaeme, P., Nuza, S. E., O'Connell, J. E., O'Connell, R. W., O'Connell, R., Olmstead, M. D., Oravetz, D. J., Owen, R., Padmanabhan, N., Palanque-Delabrouille, N., Pan, K., Parejko, J. K., Parihar, P., Pâris, I., Pepper, J., Percival, W. J., Pérez-Ràfols, I., Dotto Perottoni, H., Petitjean, P., Pieri, M. M., Pinsonneault, M. H., Prada, F., Price-Whelan, A. M., Raddick, M. J., Rahman, M., Rebolo, R., Reid, B. A., Richards, J. C., Riffel, R., Robin, A. C., Rocha-Pinto, H. J., Rockosi, C. M., Roe, N. A., Ross, A. J., Ross, N. P., Rossi, G., Roy, A., Rubiño-Martin, J. A., Sabiu, C. G., Sánchez, A. G., Santiago, B., Sayres, C., Schiavon, R. P., Schlegel, D. J., Schlesinger, K. J., Schmidt, S. J., Schneider, D. P., Schultheis, M., Sellgren, K., Seo, H.-J., Shen, Y., Shetrone, M., Shu, Y., Simmons, A. E., Skrutskie, M. F., Slosar, A., Smith, V. V., Snedden, S. A., Sobeck, J. S., Sobreira, F., Stassun, K. G., Steinmetz, M., Strauss, M. A., Streblyanska, A., Suzuki, N., Swanson, M. E. C., Terrien, R. C., Thakar, A. R., Thomas, D., Thompson, B. A., Tinker, J. L., Tojeiro, R., Troup, N. W., Vandenberg, J., Vargas Magaña, M., Viel, M., Vogt, N. P., Wake, D. A., Weaver, B. A., Weinberg, D. H., Weiner, B. J., White, M., White, S. D. M., Wilson, J. C., Wisniewski, J. P., Wood-Vasey, W. M., Yèche, C., York, D. G., Zamora, O., Zasowski, G., Zehavi, I., Zhao, G.-B., Zheng, Z., & Zhu, G. (2014), The Astrophysical Journal Supplement Series, 211, 17.

34. Testing the Asteroseismic Mass Scale Using Metal-poor Stars Characterized with APOGEE and Kepler
Epstein, C. R., Elsworth, Y. P., Johnson, J. A., Shetrone, M., Mosser, B., Hekker, S., Tayar, J., Harding, P., Pinsonneault, M., Silva Aguirre, V., Basu, S., Beers, T. C., Bizyaev, D., Bedding, T. R., Chaplin, W. J., Frinchaboy, P. M., García, R. A., García Pérez, A. E., Hearty, F. R., Huber, D., Ivans, I. I., Majewski, S. R., Mathur, S., **Nidever, D.**, Serenelli, A., Schiavon, R. P., Schneider, D. P., Schönrich, R., Sobeck, J. S., Stassun, K. G., Stello, D., & Zasowski, G. (2014), The Astrophysical Journal, 785, L28.

33. Discovery of Two Rare Rigidly Rotating Magnetosphere Stars in the APOGEE Survey
Eikenberry, S. S., Chojnowski, S. D., Wisniewski, J., Majewski, S. R., Shetrone, M., Whelan, D. G., Bizyaev, D., Borish, H. J., Davenport, J. R. A., Ebelke, G., Feuillet, D., Frinchaboy, P. M., Garner, A., Hearty, F., Holtzman, J., Li, Z.-Y., Mészáros, S., **Nidever, D. L.**, Schneider, D. P., Skrutskie, M., Wilson, J. C., & Zasowski, G. (2014), The Astrophysical Journal, 784, L30.

32. Chemodynamics of the Milky Way. I. The first year of APOGEE data
Anders, F., Chiappini, C., Santiago, B. X., Rocha-Pinto, H. J., Girardi, L., da Costa, L. N., Maia, M. A. G., Steinmetz, M., Minchev, I., Schultheis, M., Boeche, C., Miglio, A., Montalbán, J., Schneider, D. P., Beers, T. C., Cunha, K., Allende Prieto, C., Balbinot, E., Bizyaev, D., Brauer, D. E., Brinkmann, J., Frinchaboy, P. M., García Pérez, A. E., Hayden, M. R., Hearty, F. R., Holtzman, J., Johnson, J. A., Kinemuchi, K., Majewski, S. R., Malanushenko, E., Malanushenko, V., **Nidever, D. L.**, O'Connell, R. W., Pan, K., Robin, A. C., Schiavon, R. P., Shetrone, M., Skrutskie, M. F., Smith, V. V., Stassun, K., & Zasowski, G. (2014), Astronomy and Astrophysics, 564, A115.

31. New Red Jewels in Coma Berenices
Terrien, R. C., Mahadevan, S., Deshpande, R., Bender, C. F., Cargile, P. A., Hearty, F. R., Cottaar, M., Allende Prieto, C., Fleming, S. W., Frinchaboy, P. M., Jackson, K. M., Johnson, J. A., Majewski, S. R., **Nidever, D. L**., Pepper, J., Rodriguez, J. E., Schneider, D. P., Siverd, R. J., Stassun, K. G., Weaver, B. A., & Wilson, J. C. (2014), The Astrophysical Journal, 782, 61.

30. Evidence for an Interaction in the Nearest Starbursting Dwarf Irregular Galaxy IC 10
Nidever, D. L., Ashley, T., Slater, C. T., Ott, J., Johnson, M., Bell, E. F., Stanimirović, S., Putman, M., Majewski, S. R., Simpson, C. E., Jütte, E., Oosterloo, T. A., & Butler Burton, W. (2013), The Astrophysical Journal, 779, L15.

29. A Tidally Stripped Stellar Component of the Magellanic Bridge
Nidever, D. L., Monachesi, A., Bell, E. F., Majewski, S. R., Muñoz, R. R., & Beaton, R. L. (2013), The Astrophysical Journal, 779, 145.

28. The SDSS-III APOGEE Radial Velocity Survey of M Dwarfs. I. Description of the Survey and Science Goals
Deshpande, R., Blake, C. H., Bender, C. F., Mahadevan, S., Terrien, R. C., Carlberg, J. K., Zasowski, G., Crepp, J., Rajpurohit, A. S., Reylé, C., **Nidever, D. L.**, Schneider, D. P., Allende Prieto, C., Bizyaev, D., Ebelke, G., Fleming, S. W., Frinchaboy, P. M., Ge, J., Hearty, F., Hernández, J., Malanushenko, E., Malanushenko, V., Majewski, S. R., Marchwinski, R., Muna, D., Oravetz, D., Pan, K., Schiavon, R. P.,

Shetrone, M., Simmons, A., Stassun, K. G., Wilson, J. C., & Wisniewski, J. P. (2013), The Astronomical Journal, 146, 156.

27. Discovery of a Dynamical Cold Point in the Heart of the Sagittarius dSph Galaxy with Observations from the APOGEE Project
Majewski, S. R., Hasselquist, S., Łokas, E. L., **Nidever, D. L.**, Frinchaboy, P. M., García Pérez, A. E., Johnston, K. V., Mészáros, S., Shetrone, M., Allende Prieto, C., Beaton, R. L., Beers, T. C., Bizyaev, D., Cunha, K., Damke, G., Ebelke, G., Eisenstein, D. J., Hearty, F., Holtzman, J., Johnson, J. A., Law, D. R., Malanushenko, V., Malanushenko, E., O'Connell, R. W., Oravetz, D., Pan, K., Schiavon, R. P., Schneider, D. P., Simmons, A., Skrutskie, M. F., Smith, V. V., Wilson, J. C., & Zasowski, G. (2013), The Astrophysical Journal, 777, L13.

26. The Open Cluster Chemical Analysis and Mapping Survey: Local Galactic Metallicity Gradient with APOGEE Using SDSS DR10
Frinchaboy, P. M., Thompson, B., Jackson, K. M., O'Connell, J., Meyer, B., Zasowski, G., Majewski, S. R., Chojnowksi, S. D., Johnson, J. A., Allende Prieto, C., Beers, T. C., Bizyaev, D., Brewington, H., Cunha, K., Ebelke, G., García Pérez, A. E., Hearty, F. R., Holtzman, J., Kinemuchi, K., Malanushenko, E., Malanushenko, V., Marchante, M., Mészáros, S., Muna, D., **Nidever, D. L.**, Oravetz, D., Pan, K., Schiavon, R. P., Schneider, D. P., Shetrone, M., Simmons, A., Snedden, S., Smith, V. V., & Wilson, J. C. (2013), The Astrophysical Journal, 777, L1.

25. Calibrations of Atmospheric Parameters Obtained from the First Year of SDSS-III APOGEE Observations
Mészáros, S., Holtzman, J., García Pérez, A. E., Allende Prieto, C., Schiavon, R. P., Basu, S., Bizyaev, D., Chaplin, W. J., Chojnowski, S. D., Cunha, K., Elsworth, Y., Epstein, C., Frinchaboy, P. M., García, R. A., Hearty, F. R., Hekker, S., Johnson, J. A., Kallinger, T., Koesterke, L., Majewski, S. R., Martell, S. L., **Nidever, D.**, Pinsonneault, M. H., O'Connell, J., Shetrone, M., Smith, V. V., Wilson, J. C., & Zasowski, G. (2013), The Astronomical Journal, 146, 133.

24. Target Selection for the Apache Point Observatory Galactic Evolution Experiment (APOGEE)
Zasowski, G., Johnson, J. A., Frinchaboy, P. M., Majewski, S. R., **Nidever, D. L.**, Rocha Pinto, H. J., Girardi, L., Andrews, B., Chojnowski, S. D., Cudworth, K. M., Jackson, K., Munn, J., Skrutskie, M. F., Beaton, R. L., Blake, C. H., Covey, K., Deshpande, R., Epstein, C., Fabbian, D., Fleming, S. W., Garcia Hernandez, D. A., Herrero, A., Mahadevan, S., Mészáros, S., Schultheis, M., Sellgren, K., Terrien, R., van Saders, J., Allende Prieto, C., Bizyaev, D., Burton, A., Cunha, K., da Costa, L. N., Hasselquist, S., Hearty, F., Holtzman, J., García Pérez, A. E., Maia, M. A. G., O'Connell, R. W., O'Donnell, C., Pinsonneault, M., Santiago, B. X., Schiavon, R. P., Shetrone, M., Smith, V., & Wilson, J. C. (2013), The Astronomical Journal, 146, 81.

23. Very Metal-poor Stars in the Outer Galactic Bulge Found by the APOGEE Survey
García Pérez, A. E., Cunha, K., Shetrone, M., Majewski, S. R., Johnson, J. A., Smith, V. V., Schiavon, R. P., Holtzman, J., **Nidever, D.**, Zasowski, G., Allende Prieto, C., Beers, T. C., Bizyaev, D., Ebelke, G., Eisenstein, D. J., Frinchaboy, P. M., Girardi, L., Hearty, F. R., Malanushenko, E., Malanushenko, V., Meszaros, S., O'Connell, R. W., Oravetz, D., Pan, K., Robin, A. C., Schneider, D. P., Schultheis, M., Skrutskie, M. F., Simmonsand, A., & Wilson, J. C. (2013), The Astrophysical Journal, 767, L9.

22. A New Milky Way Halo Star Cluster in the Southern Galactic Sky
Balbinot, E., Santiago, B. X., da Costa, L., Maia, M. A. G., Majewski, S. R., **Nidever, D.**, Rocha-Pinto, H. J., Thomas, D., Wechsler, R. H., & Yanny, B. (2013), The Astrophysical Journal, 767, 101.

21. GASKAP-The Galactic ASKAP Survey
Dickey, J. M., McClure-Griffiths, N., Gibson, S. J., Gómez, J. F., Imai, H., Jones, P., Stanimirović, S., Van Loon, J. T., Walsh, A., Alberdi, A., Anglada, G., Uscanga, L., Arce, H., Bailey, M., Begum, A., Wakker, B., Bekhti, N. B., Kalberla, P., Winkel, B., Bekki, K., For, B.-Q., Staveley-Smith, L., Westmeier, T., Burton, M., Cunningham, M., Dawson, J., Ellingsen, S., Diamond, P., Green, J. A., Hill, A. S., Koribalski, B., McConnell, D., Rathborne, J., Voronkov, M., Douglas, K. A., English, J., Ford, H. A., Lockman, F. J., Foster, T., Gomez, Y., Green, A., Bland-Hawthorn, J., Gulyaev, S., Hoare, M., Joncas, G., Kang, J.-H., Kerton, C. R., Koo, B.-C., Leahy, D., Lo, N., Migenes, V., Nakashima, J., Zhang, Y., **Nidever, D.**, Peek, J. E. G., Tafoya, D., Tian, W., & Wu, D. (2013), Publications of the Astronomical Society of Australia, 30, e003.

20. The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey
Ahn, C. P., Alexandroff, R., Allende Prieto, C., Anderson, S. F., Anderton, T., Andrews, B. H., Aubourg, É., Bailey, S., Balbinot, E., Barnes, R., Bautista, J., Beers, T. C., Beifiori, A., Berlind, A. A., Bhardwaj, V., Bizyaev, D., Blake, C. H., Blanton, M. R., Blomqvist, M., Bochanski, J. J., Bolton, A. S., Borde, A., Bovy, J., Brandt, W. N., Brinkmann, J., Brown, P. J., Brownstein, J. R., Bundy, K., Busca, N. G., Carithers, W., Carnero, A. R., Carr, M. A., Casetti-Dinescu, D. I., Chen, Y., Chiappini, C., Comparat, J., Connolly, N., Crepp, J. R., Cristiani, S., Croft, R. A. C., Cuesta, A. J., da Costa, L. N., Davenport, J. R. A., Dawson, K. S., de Putter, R., De Lee, N., Delubac, T., Dhital, S., Ealet, A., Ebelke, G. L., Edmondson, E. M., Eisenstein, D. J., Escoffier, S., Esposito, M., Evans, M. L., Fan, X., Femenía Castellá, B., Fernández Alvar, E., Ferreira, L. D., Filiz Ak, N., Finley, H., Fleming, S. W., Font-Ribera, A., Frinchaboy, P. M., García-Hernández, D. A., García Pérez, A. E., Ge, J., Génova-Santos, R., Gillespie, B. A., Girardi, L., González Hernández, J. I., Grebel, E. K., Gunn, J. E., Guo, H., Haggard, D., Hamilton, J.-C., Harris, D. W., Hawley, S. L., Hearty, F. R., Ho, S., Hogg, D. W., Holtzman, J. A., Honscheid, K., Huehnerhoff, J., Ivans, I. I., Ivezić, Ž., Jacobson, H. R., Jiang, L., Johansson, J., Johnson, J. A., Kauffmann, G., Kirkby, D., Kirkpatrick, J. A., Klaene, M. A., Knapp, G. R., Kneib, J.-P., Le Goff, J.-M., Leauthaud, A., Lee, K.-G., Lee, Y. S., Long, D. C., Loomis, C. P., Lucatello, S., Lundgren, B., Lupton, R. H., Ma, B., Ma, Z., MacDonald, N., Mack, C. E., Mahadevan, S., Maia, M. A. G., Majewski, S. R., Makler, M., Malanushenko, E., Malanushenko, V., Manchado, A., Mandelbaum, R., Manera, M., Maraston, C., Margala, D., Martell, S. L., McBride, C. K., McGreer, I. D., McMahon, R. G., Ménard, B., Meszaros, S., Miralda-Escudé, J., Montero-Dorta, A. D., Montesano, F., Morrison, H. L., Muna, D., Munn, J. A., Murayama, H., Myers, A. D., Neto, A. F., Nguyen, D. C., Nichol, R. C., **Nidever, D. L.**, Noterdaeme, P., Nuza, S. E., Ogando, R. L. C., Olmstead, M. D., Oravetz, D. J., Owen, R., Padmanabhan, N., Palanque-Delabrouille, N., Pan, K., Parejko, J. K., Parihar, P., Pâris, I., Pattarakijwanich, P., Pepper, J., Percival, W. J., Pérez-Fournon, I., Pérez-Ràfols, I., Petitjean, P., Pforr, J., Pieri, M. M., Pinsonneault, M. H., Porto de Mello, G. F., Prada, F., Price-Whelan, A. M., Raddick, M. J., Rebolo, R., Rich, J., Richards, G. T., Robin, A. C., Rocha-Pinto, H. J., Rockosi, C. M., Roe, N. A., Ross, A. J., Ross, N. P., Rossi, G., Rubiño-Martin, J. A., Samushia, L., Sanchez Almeida, J., Sánchez, A. G., Santiago, B., Sayres, C., Schlegel, D. J., Schlesinger, K. J., Schmidt, S. J., Schneider, D. P., Schultheis,

M., Schwope, A. D., Scóccola, C. G., Seljak, U., Sheldon, E., Shen, Y., Shu, Y., Simmerer, J., Simmons, A. E., Skibba, R. A., Skrutskie, M. F., Slosar, A., Sobreira, F., Sobeck, J. S., Stassun, K. G., Steele, O., Steinmetz, M., Strauss, M. A., Streblyanska, A., Suzuki, N., Swanson, M. E. C., Tal, T., Thakar, A. R., Thomas, D., Thompson, B. A., Tinker, J. L., Tojeiro, R., Tremonti, C. A., Vargas Magaña, M., Verde, L., Viel, M., Vikas, S. K., Vogt, N. P., Wake, D. A., Wang, J., Weaver, B. A., Weinberg, D. H., Weiner, B. J., West, A. A., White, M., Wilson, J. C., Wisniewski, J. P., Wood-Vasey, W. M., Yanny, B., Yèche, C., York, D. G., Zamora, O., Zasowski, G., Zehavi, I., Zhao, G.-B., Zheng, Z., Zhu, G., & Zinn, J. C. (2012), The Astrophysical Journal Supplement Series, 203, 21.

19. Probing the Structure and Kinematics of the Transition Layer between the Magellanic Stream and the Halo in H I
Nigra, L., Stanimirović, S., Gallagher, J. S., Wood, K., **Nidever, D.**, & Majewski, S. (2012), The Astrophysical Journal, 760, 48.

18. The Milky Way's Circular-velocity Curve between 4 and 14 kpc from APOGEE data
Bovy, J., Allende Prieto, C., Beers, T. C., Bizyaev, D., da Costa, L. N., Cunha, K., Ebelke, G. L., Eisenstein, D. J., Frinchaboy, P. M., García Pérez, A. E., Girardi, L., Hearty, F. R., Hogg, D. W., Holtzman, J., Maia, M. A. G., Majewski, S. R., Malanushenko, E., Malanushenko, V., Mészáros, S., **Nidever, D. L.**, O'Connell, R. W., O'Donnell, C., Oravetz, A., Pan, K., Rocha-Pinto, H. J., Schiavon, R. P., Schneider, D. P., Schultheis, M., Skrutskie, M., Smith, V. V., Weinberg, D. H., Wilson, J. C., & Zasowski, G. (2012), The Astrophysical Journal, 759, 131.

17. Lifting the Dusty Veil with Near- and Mid-infrared Photometry. III. Two-dimensional Extinction Maps of the Galactic Midplane Using the Rayleigh-Jeans Color Excess Method
Nidever, D. L., Zasowski, G., & Majewski, S. R. (2012), The Astrophysical Journal Supplement Series, 201, 35.

16. The Apache Point Observatory Galactic Evolution Experiment: First Detection of High-velocity Milky Way Bar Stars
Nidever, D. L., Zasowski, G., Majewski, S. R., Bird, J., Robin, A. C., Martinez-Valpuesta, I., Beaton, R. L., Schönrich, R., Schultheis, M., Wilson, J. C., Skrutskie, M. F., O'Connell, R. W., Shetrone, M., Schiavon, R. P., Johnson, J. A., Weiner, B., Gerhard, O., Schneider, D. P., Allende Prieto, C., Sellgren, K., Bizyaev, D., Brewington, H., Brinkmann, J., Eisenstein, D. J., Frinchaboy, P. M., García Pérez, A. E., Holtzman, J., Hearty, F. R., Malanushenko, E., Malanushenko, V., Muna, D., Oravetz, D., Pan, K., Simmons, A., Snedden, S., & Weaver, B. A. (2012), The Astrophysical Journal, 755, L25.

15. The Shapes of Milky Way Satellites: Looking for Signatures of Tidal Stirring
Łokas, E. L., Majewski, S. R., Kazantzidis, S., Mayer, L., Carlin, J. L., **Nidever, D. L.**, & Moustakas, L. A. (2012), The Astrophysical Journal, 751, 61.

14. Exploring Halo Substructure with Giant Stars: Substructure in the Local Halo as Seen in the Grid Giant Star Survey Including Extended Tidal Debris from ωCentauri
Majewski, S. R., **Nidever, D. L.**, Smith, V. V., Damke, G. J., Kunkel, W. E., Patterson, R. J., Bizyaev, D., & García Pérez, A. E. (2012), The Astrophysical Journal, 747, L37.

13. Lifting the Dusty Veil with Near- and Mid-infrared Photometry. I. Description and Applications of the Rayleigh-Jeans Color Excess Method
Majewski, S. R., Zasowski, G., & **Nidever, D. L.** (2011), The Astrophysical Journal, 739, 25.

12. SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems
Eisenstein, D. J., Weinberg, D. H., Agol, E., Aihara, H., Allende Prieto, C., Anderson, S. F., Arns, J. A., Aubourg, É., Bailey, S., Balbinot, E., Barkhouser, R., Beers, T. C., Berlind, A. A., Bickerton, S. J., Bizyaev, D., Blanton, M. R., Bochanski, J. J., Bolton, A. S., Bosman, C. T., Bovy, J., Brandt, W. N., Breslauer, B., Brewington, H. J., Brinkmann, J., Brown, P. J., Brownstein, J. R., Burger, D., Busca, N. G., Campbell, H., Cargile, P. A., Carithers, W. C., Carlberg, J. K., Carr, M. A., Chang, L., Chen, Y., Chiappini, C., Comparat, J., Connolly, N., Cortes, M., Croft, R. A. C., Cunha, K., da Costa, L. N., Davenport, J. R. A., Dawson, K., De Lee, N., Porto de Mello, G. F., de Simoni, F., Dean, J., Dhital, S., Ealet, A., Ebelke, G. L., Edmondson, E. M., Eiting, J. M., Escoffier, S., Esposito, M., Evans, M. L., Fan, X., Femenía Castellá, B., Dutra Ferreira, L., Fitzgerald, G., Fleming, S. W., Font-Ribera, A., Ford, E. B., Frinchaboy, P. M., García Pérez, A. E., Gaudi, B. S., Ge, J., Ghezzi, L., Gillespie, B. A., Gilmore, G., Girardi, L., Gott, J. R., Gould, A., Grebel, E. K., Gunn, J. E., Hamilton, J.-C., Harding, P., Harris, D. W., Hawley, S. L., Hearty, F. R., Hennawi, J. F., González Hernández, J. I., Ho, S., Hogg, D. W., Holtzman, J. A., Honscheid, K., Inada, N., Ivans, I. I., Jiang, L., Jiang, P., Johnson, J. A., Jordan, C., Jordan, W. P., Kauffmann, G., Kazin, E., Kirkby, D., Klaene, M. A., Knapp, G. R., Kneib, J.-P., Kochanek, C. S., Koesterke, L., Kollmeier, J. A., Kron, R. G., Lampeitl, H., Lang, D., Lawler, J. E., Le Goff, J.-M., Lee, B. L., Lee, Y. S., Leisenring, J. M., Lin, Y.-T., Liu, J., Long, D. C., Loomis, C. P., Lucatello, S., Lundgren, B., Lupton, R. H., Ma, B., Ma, Z., MacDonald, N., Mack, C., Mahadevan, S., Maia, M. A. G., Majewski, S. R., Makler, M., Malanushenko, E., Malanushenko, V., Mandelbaum, R., Maraston, C., Margala, D., Maseman, P., Masters, K. L., McBride, C. K., McDonald, P., McGreer, I. D., McMahon, R. G., Mena Requejo, O., Ménard, B., Miralda-Escudé, J., Morrison, H. L., Mullally, F., Muna, D., Murayama, H., Myers, A. D., Naugle, T., Neto, A. F., Nguyen, D. C., Nichol, R. C., **Nidever, D. L.**, O'Connell, R. W., Ogando, R. L. C., Olmstead, M. D., Oravetz, D. J., Padmanabhan, N., Paegert, M., Palanque-Delabrouille, N., Pan, K., Pandey, P., Parejko, J. K., Pâris, I., Pellegrini, P., Pepper, J., Percival, W. J., Petitjean, P., Pfaffenberger, R., Pforr, J., Phleps, S., Pichon, C., Pieri, M. M., Prada, F., Price-Whelan, A. M., Raddick, M. J., Ramos, B. H. F., Reid, I. N., Reyle, C., Rich, J., Richards, G. T., Rieke, G. H., Rieke, M. J., Rix, H.-W., Robin, A. C., Rocha-Pinto, H. J., Rockosi, C. M., Roe, N. A., Rollinde, E., Ross, A. J., Ross, N. P., Rossetto, B., Sánchez, A. G., Santiago, B., Sayres, C., Schiavon, R., Schlegel, D. J., Schlesinger, K. J., Schmidt, S. J., Schneider, D. P., Sellgren, K., Shelden, A., Sheldon, E., Shetrone, M., Shu, Y., Silverman, J. D., Simmerer, J., Simmons, A. E., Sivarani, T., Skrutskie, M. F., Slosar, A., Smee, S., Smith, V. V., Snedden, S. A., Stassun, K. G., Steele, O., Steinmetz, M., Stockett, M. H., Stollberg, T., Strauss, M. A., Szalay, A. S., Tanaka, M., Thakar, A. R., Thomas, D., Tinker, J. L., Tofflemire, B. M., Tojeiro, R., Tremonti, C. A., Vargas Magaña, M., Verde, L., Vogt, N. P., Wake, D. A., Wan, X., Wang, J., Weaver, B. A., White, M., White, S. D. M., Wilson, J. C., Wisniewski, J. P., Wood-Vasey, W. M., Yanny, B., Yasuda, N., Yèche, C., York, D. G., Young, E., Zasowski, G., Zehavi, I., & Zhao, B. (2011), The Astronomical Journal, 142, 72.

11. Discovery of a Large Stellar Periphery Around the Small Magellanic Cloud
Nidever, D. L., Majewski, S. R., Muñoz, R. R., Beaton, R. L., Patterson, R. J., & Kunkel, W. E. (2011), The Astrophysical Journal, 733, L10.

10. The 200° Long Magellanic Stream System
Nidever, D. L., Majewski, S. R., Butler Burton, W., & Nigra, L. (2010), The Astrophysical Journal, 723, 1618.

9. The Importance of Nebular Continuum and Line Emission in Observations of Young Massive Star Clusters
Reines, A. E., **Nidever, D. L.**, Whelan, D. G., & Johnson, K. E. (2010), The Astrophysical Journal, 708, 26.

8. Lifting the Dusty Veil with Near- and Mid-Infrared Photometry. II. A Large-Scale Study of the Galactic Infrared Extinction Law
Zasowski, G., Majewski, S. R., Indebetouw, R., Meade, M. R., **Nidever, D. L.**, Patterson, R. J., Babler, B., Skrutskie, M. F., Watson, C., Whitney, B. A., & Churchwell, E. (2009), The Astrophysical Journal, 707, 510.

7. Kinematics and Metallicities in the Boötes III Stellar Overdensity: A Disrupted Dwarf Galaxy?
Carlin, J. L., Grillmair, C. J., Muñoz, R. R., **Nidever, D. L.**, & Majewski, S. R. (2009), The Astrophysical Journal, 702, L9.

6. The Origin of the Magellanic Stream and Its Leading Arm
Nidever, D. L., Majewski, S. R., & Butler Burton, W. (2008), The Astrophysical Journal, 679, 432.

5. The ACS Survey of Galactic Globular Clusters: M54 and Young Populations in the Sagittarius Dwarf Spheroidal Galaxy
Siegel, M. H., Dotter, A., Majewski, S. R., Sarajedini, A., Chaboyer, B., **Nidever, D. L.**, Anderson, J., Marín-Franch, A., Rosenberg, A., Bedin, L. R., Aparicio, A., King, I., Piotto, G., & Reid, I. N. (2007), The Astrophysical Journal, 667, L57.

4. Exploring Halo Substructure with Giant Stars: The Dynamics and Metallicity of the Dwarf Spheroidal in Boötes
Muñoz, R. R., Carlin, J. L., Frinchaboy, P. M., **Nidever, D. L.**, Majewski, S. R., & Patterson, R. J. (2006), The Astrophysical Journal, 650, L51.

3. Exploring Halo Substructure with Giant Stars. XI. The Tidal Tails of the Carina Dwarf Spheroidal Galaxy and the Discovery of Magellanic Cloud Stars in the Carina Foreground
Muñoz, R. R., Majewski, S. R., Zaggia, S., Kunkel, W. E., Frinchaboy, P. M., **Nidever, D. L.**, Crnojevic, D., Patterson, R. J., Crane, J. D., Johnston, K. V., Sohn, S. T., Bernstein, R., & Shectman, S. (2006), The Astrophysical Journal, 649, 201.

2. Radial Velocities for 889 Late-Type Stars
Nidever, D. L., Marcy, G. W., Butler, R. P., Fischer, D. A., & Vogt, S. S. (2002), The Astrophysical Journal Supplement Series, 141, 503.

1. Constraining the difference in convective blueshift between the components of alpha Centauri with precise radial velocities
Pourbaix, D., **Nidever, D.**, McCarthy, C., Butler, R. P., Tinney, C. G., Marcy, G. W., Jones, H. R. A., Penny, A. J., Carter, B. D., Bouchy, F., Pepe, F., Hearnshaw, J. B., Skuljan, J., Ramm, D., & Kent, D. (2002), Astronomy and Astrophysics, 386, 280.

NON-REFEREED PUBLICATIONS

17. The Prevalence of the α-bimodality: First JWST α-abundance Results in M31
Nidever, D. L., et al., (2023), IAU Conference, Early Disk-Galaxy Formation from JWST to the Milky Way, 377, 115, arXiv:2306.04688

16. Astro Data Lab Spectral Viewer Requirements for Wide-Area Spectroscopic Surveys
Fulmer, L. M., Juneau, S., Merrill, C., et al., (2023), arXiv:2302.08906

15. Field retermination of APOGEE spectrograph MTP fiber connectors
Wilson, J. C., Rocheleau, D., Fox, J., et al., (2022), Proceedings of the SPIE, 12188, 121885W

14. External upgrades to improve the RV precision of the APOGEE Spectrographs
Wilson, J. C., Davidson, J. W., Bender, C., et al., (2022), Proceedings of the SPIE, 12184, 121847H

13. News from the Magellanic Clouds
Vivas, K., **Nidever, D.**, Olsen, K., Ruiz-Lara, T., Massana, P., & Bell, C. (2021), The NOIRLab Mirror, 2, 60.

12. Crowdsourcing the Sky
Nidever, D., Fasbender, K., Dey, A., & Noirlab ASTRO Data Lab Team (2021), The NOIRLab Mirror, 2, 36.

11. What's lighting up the Magellanic Stream?
Barger, K., Madsen, G., Fox, A., Wakker, B. P., **Nidever, D. L.**, Haffner, L. M., Antwi-Danso, J., Hernandez, M., Lehner, N., Hill, A. S., curzons, A., Tepper-garcia, T., & Bland-Hawthorn, J. (2019), American Astronomical Society Meeting Abstracts #234, 234, 124.01.

10. Dwarf Cepheids in the Satellites of the Milky Way
Vivas, A. K., Alonso-García, J., Mateo, M., Walker, A., **Nidever, D.**, & Howard, B. (2018), Stellar Populations and the Distance Scale, 514, 99.

9. The LSST Data Management System
Jurić, M., Kantor, J., Lim, K.-T., Lupton, R. H., Dubois-Felsmann, G., Jenness, T., Axelrod, T. S., Aleksić, J., Allsman, R. A., AlSayyad, Y., Alt, J., Armstrong, R., Basney, J., Becker, A. C., Becla, J., Biswas, R., Bosch, J., Boutigny, D., Kind, M. C., Ciardi, D. R., Connolly, A. J., Daniel, S. F., Daues, G. E., Economou, F., Chiang, H.-F., Fausti, A., Fisher-Levine, M., Freemon, D. M., Gris, P., Hernandez, F., Hoblitt, J., Ivezić, Z., Jammes, F., Jevremović, D., Jones, R. L., Kalmbach, J. B., Kasliwal, V. P., Krughoff, K. S., Lurie, J., Lust, N. B., MacArthur, L. A., Melchior, P., Moeyens, J., **Nidever, D. L.**,

Owen, R., Parejko, J. K., Peterson, J. M., Petravick, D., Pietrowicz, S. R., Price, P. A., Reiss, D. J., Shaw, R. A., Sick, J., Slater, C. T., Strauss, M. A., Sullivan, I. S., Swinbank, J. D., Van Dyk, S., Vujčić, V., Withers, A., & Yoachim, P. (2017), Astronomical Data Analysis Software and Systems XXV, 512, 279.

8. Gas accretion from halos to disks: observations, curiosities, and problems
Elmegreen, B. G., Hunter, D. A., Ashley, T., **Nidever, D.**, Johnson, M., Simpson, C., Pokrel, N. R., Sanchez Almeida, J., Munoz-Tunon, C., Elmegreen, D., Mendez-Abreu, J., & Belen Morales-Luis, A. (2015), IAU General Assembly, 29, 2251098.

7. Disk Destruction and (Re)-Creation in the Magellanic Clouds
Nidever, D. L. (2014), Structure and Dynamics of Disk Galaxies, 480, 27.

6. Performance of the Apache Point Observatory Galactic Evolution Experiment (APOGEE) high-resolution near-infrared multi-object fiber spectrograph
Wilson, J. C., Hearty, F., Skrutskie, M. F., Majewski, S. R., Schiavon, R., Eisenstein, D., Gunn, J., Holtzman, J., **Nidever, D.**, Gillespie, B., Weinberg, D., Blank, B., Henderson, C., Smee, S., Barkhouser, R., Harding, A., Hope, S., Fitzgerald, G., Stolberg, T., Arns, J., Nelson, M., Brunner, S., Burton, A., Walker, E., Lam, C., Maseman, P., Barr, J., Leger, F., Carey, L., MacDonald, N., Ebelke, G., Beland, S., Horne, T., Young, E., Rieke, G., Rieke, M., O'Brien, T., Crane, J., Carr, M., Harrison, C., Stoll, R., Vernieri, M., Shetrone, M., Allende-Prieto, C., Johnson, J., Frinchaboy, P., Zasowski, G., Garcia Perez, A., Bizyaev, D., Cunha, K., Smith, V. V., Meszaros, S., Zhao, B., Hayden, M., Chojnowski, S. D., Andrews, B., Loomis, C., Owen, R., Klaene, M., Brinkmann, J., Stauffer, F., Long, D., Jordan, W., Holder, D., Cope, F., Naugle, T., Pfaffenberger, B., Schlegel, D., Blanton, M., Muna, D., Weaver, B., Snedden, S., Pan, K., Brewington, H., Malanushenko, E., Malanushenko, V., Simmons, A., Oravetz, D., Mahadevan, S., & Halverson, S. (2012), Ground-based and Airborne Instrumentation for Astronomy IV, 8446, 84460H.

5. Exploring Extinction and Structure in the Milky Way Disk With 2MASS and Spitzer
Zasowski, G., Majewski, S. R., **Nidever, D. L.**, & Indebetouw, R. (2010), Highlights of Astronomy, 15, 783.

4. The Magellanic Stream to Halo Interface: Processes that Shape our Nearest Gaseous Halo Stream
Nigra, L., Stanimirovic, S., Gallagher, J. S., Lockman, F. J., **Nidever, D. L.**, & Majewski, S. R. (2010), Galaxy Wars: Stellar Populations and Star Formation in Interacting Galaxies, 423, 38.

3. Discovery of an extended, halo-like stellar population around the Large Magellanic Cloud
Majewski, S. R., **Nidever, D. L.**, Muñoz, R. R., Patterson, R. J., Kunkel, W. E., & Carlin, J. L. (2009), The Magellanic System: Stars, Gas, and Galaxies, 256, 51.

2. The HST/ACS Survey of Galactic Globular Clusters: First Results
Siegel, M., Sarajedini, A., Chaboyer, B., Dotter, A., Majewski, S., & **Nidever, D.** (2008), New Horizons in Astronomy, 393, 271.

1. The Origin of the Magellanic Stream and its Leading Arm

Nidever, D. L., Majewski, S. R., & Burton, W. B. (2008), Astrophysics and Space Science Proceedings, 5, 243.