

Rebecca L. Larson

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EDUCATION

UNIVERSITY OF TEXAS AUSTIN

PH.D. IN ASTRONOMY

Galaxy Evolution in the Early Universe

Expected 2023

M.A. IN ASTRONOMY

Galaxies in the Early Universe

2018 | GPA: 3.8

B.S. IN ASTRONOMY

B.S. IN PHYSICS

Honors in Astronomy

2016 | GPA: 3.2

DEFENSE LANGUAGE INSTITUTE

A.A. IN ARABIC

2006 | GPA: 4.0

LINKS

Website: www.saturnswings.com

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LinkedIn:// [rebecca-larson](https://www.linkedin.com/in/rebecca-larson)

SKILLS

ASTROPHYSICS

Spectral Line Fitting

Photometric Measurements

Multi-Object Spectroscopy

SED Fitting

PROGRAMMING

IDL • Python • Bash • HTML

WRITING

National Grant Fellowships

Telescope Proposals

Peer-Reviewed Research Publications

Science Communication

OBSERVING

15 Nights - Keck/MOSFIRE+LRIS

3 Nights - CTIO/DECam

MENTORING

REU Research Advisor

INTERESTS

Public Outreach

Science Communication

Volunteer Service

WORK EXPERIENCE

THE UNIVERSITY OF TEXAS AT AUSTIN | GRADUATE STUDENT +

RESEARCH ASSISTANT + TEACHING ASSISTANT

Jun 2016 - Present | Austin, TX

- PI of a multi-year survey searching for distant galaxies with the Keck Observatory.
- Created a line finding code to search for emission from galaxies in the epoch of reionization.
- Discovered a new $z = 7.452$ galaxy with HST grism data.
- Improved on the data pipeline for the Keck/MOSFIRE spectrograph and implemented a novel 2D spectral extraction technique.
- Discovered a new galaxy at $z = 8.7$ with implications for an overdensity powering an ionized bubble in the heart of the reionization era.
- Developed suite of galaxy templates to improve model fits to early galaxies with JWST data.

UNDERGRADUATE STUDENT + RESEARCH ASSISTANT + GRADER

Aug 2013 - May 2016 | Austin, TX

- Discovered the first observational evidence of the decay of turbulence in dense molecular clouds.
- Graded assignments for lower division undergraduate astronomy classes totaling over 1,500 students.

UNITED STATES AIR FORCE | ARABIC LINGUIST

Oct 2004 - Oct 2010 | Fort Meade, MD

- Translated audio and written sources from Arabic.
- Handled classified intelligence information with a top secret clearance.
- Monitored multiple databases.
- Managed a team of eight.

PUBLICATION SUMMARY

TOTAL PUBLICATIONS: 29 - LEAD AUTHOR: 4 - TOTAL CITATIONS: 444

Detailed list below — Last Updated 18-Nov-2022 — [Link to ADS Library](#)

AWARDS

FELLOWSHIPS + SCHOLARSHIPS

- David Alan Benfield Memorial Fellowship in Astronomy - Department of Astronomy, UT Austin - Summer 2022
- DAWN-IRES Visiting Scholar, DAWN, Copenhagen Summer 2021
- National Science Foundation Graduate Research Fellowship (NSF-GRFP), 2018-2023
- IPAC Visiting Graduate Student Fellowship, Caltech, Feb-Aug 2018
- Dean's Honored Graduate Award, UT Austin, College of Natural Sciences, - May 2016
- Ralph Cutler Green Endowed Scholarship, UT Austin, Department of Astronomy, - May 2015
- Karl G. Henize Endowed Scholarship, UT Austin, Department of Astronomy, - May 2014

ACHIEVEMENTS

- Top Ten - Student Veteran of the Year, Student Veterans of America, 2020
- Chambliss Poster Presentation Award, AAS, Jan 2019
- Student Veteran Academic Leadership Award, UT Austin, Office of the Dean of Students, - May 2015

FUNDED GRANT PROPOSALS

PRINCIPAL INVESTIGATOR

- National Science Foundation Graduate Research Fellowship (NSF-GRFP), *Understanding Galaxy Evolution Since the Beginning*, 2019 - 2022

CO-INVESTIGATOR

- NASA James Webb Space Telescope - Archival Funding, Cycle 1, *Leveraging Early Public JWST Data to Measure Luminosity Functions and Rest-UV Slopes from $6 < z < 12$* , 2021
- NASA Astrophysics Data Analysis Program (NASA-ADAP), *Leveraging Spitzer and HETDEX to Constrain Reionization*, 2019-2022
- MPS Graduate Research Supplement for Veterans (MPS-GRSV), *Spectroscopic Probes of Reionization and Galaxy Evolution in the First Billion Years*, 2018 - 2019
- NASA Astrophysics Data Analysis Program (NASA ADAP), *Reference Ultraviolet Luminosity Functions for the JWST Era*, 2017 - 2020
- MPS Graduate Research Supplement for Veterans (MPS-GRSV), *Spectroscopic Probes of Reionization and Galaxy Evolution in the First Billion Years*, 2017 - 2018

AWARDED TELESCOPE TIME

PRINCIPAL INVESTIGATOR

- McDonald Observatory - Hobby Eberly Telescope/LRS2 2019-3 - 9 hours, *Spectroscopically Confirming the Brightest High-Redshift Galaxies in SHELA*, Fall 2019
- NASA Keck Observatory/MOSFIRE 2019B - Two Nights, *Islands of Reionization*, Dec 2019
- NASA Keck Observatory/MOSFIRE 2019A - Two Nights, *Islands of Reionization*, Mar 2019
- NASA Keck Observatory/MOSFIRE 2018B - Two Nights, *Islands of Reionization*, Nov 2018
- NASA Keck Observatory/MOSFIRE 2018A - Two Nights, *Islands of Reionization*, Apr 2018
- McDonald Observatory - Hobby Eberly Telescope/LRS2 2017-2 - 13 hours, *Confirmation of Ly α Emission in Galaxies at the End of Reionization*, Fall 2017
- McDonald Observatory - Hobby Eberly Telescope/LRS2 2017-1 - 13 hours, *Confirmation of Ly α Emission in Galaxies at the End of Reionization*, Spring 2017

CO-INVESTIGATOR

- NASA James Webb Space Telescope - 8 Hours, DDT, *Spectroscopic follow-up of ultra-high-z candidates in CEERS: Characterizing true $z > 12$ galaxies and z 4-7 interlopers in preparation for JWST Cycle 2*, 2022
- ALMA Cycle 9 - 20 Hours, *Dust in galaxies at $z = 8 - 11$* , 2022
- NASA James Webb Space Telescope - 121.7/96.4 Hours, Cycle 1, *The Next Generation Deep Extragalactic Exploratory Public (NGDEEP) Survey: Feedback in Low-Mass Galaxies from Cosmic Dawn to Dusk*, 2021
- NASA James Webb Space Telescope - 18.1 Hours, Cycle 1, *Spectroscopic Confirmation and Characterization of Bright Galaxies at z 9*, 2021
- NASA James Webb Space Telescope - 17.8 Hours, Cycle 1, *The JWST-legacy Narrow-band Survey of H-alpha and [OIII] Emitters in the Epoch of Reionization*, 2021
- NASA James Webb Space Telescope - 2.6 Hours, Cycle 1, *Confirming a Potential Ultra-Massive Galaxy at $z=10.57$* , 2021
- NASA James Webb Space Telescope - 187.2/94.97 Hours, Cycle 1, *PRIMER: Public Release IMaging for Extragalactic Research*, 2021
- NASA Keck Observatory/MOSFIRE 2021A - Two Nights, *CEERS proposal to target $z > 7$ Ly α ($z \sim 4-5$ rest-UV) in the EGS field*, Apr 2021
- ALMA Cycle 8 - 17.8 Hours, *[O iii] 88 μ m and Dust Continuum Observations of Two Remarkably Luminous Galaxies at $z \sim 10$* , 2021
- ALMA Cycle 8 - 2 Hours, *Deep CII 158 μ m Spectroscopy of the Brightest, dusty [O iii] 88 μ m emitter at $z = 10.57$* , 2021
- NASA Keck Observatory/MOSFIRE 2020B - Two Nights, *Using Nebular UV Metal Lines to Probe Redshifts and Physical Conditions in Galaxies During Reionization*, Oct/Dec 2020
- NASA Hubble Space Telescope - 52 Orbits, Cycle 28/29, *TREASUREHUNT: Hubble's UV-Visible treasury imaging of the JWST NEP Time-Domain Field* 2020
- NASA Keck Observatory/MOSFIRE 2020A - Two Nights, *Using Nebular UV Metal Lines to Probe Redshifts and Physical Conditions in Galaxies During Reionization*, Feb 2020

- NASA Hubble Space Telescope - 15 Orbits, Cycle 27, *Confirmation of a Large, Robust Sample of $z=9-10$ Galaxies in the CANDELS Fields*, 2019
- NASA Hubble Space Telescope - 5 Orbits, Cycle 27, *Observations of the JWST/GTO Very Rich Cluster Lens RMJ121218.5+273255.1*, 2019
- ALMA Cycle 7 - [O iii] $88 \mu\text{m}$ Line Observations of Four Remarkably Luminous Galaxies at $z \sim 9-10$, 2019
- ALMA Cycle 7 - *Confirming the Quiescent Nature of Galaxies at $z = 4$* , 2019
- NASA Keck Observatory/NIRES 2019B - Two Nights, *Spectroscopic Characterization of the Brightest Known Galaxy Candidate at $z > 9$* , Jan 2020
- NASA Spitzer Space Telescope - 687hr IRAC, *The Euclid Deep Field South*, 2019
- NASA Hubble Space Telescope - 2 orbits, Cycle 26 - *Photometric Confirmation of the Brightest Known Galaxy Candidate at $z > 9$* , 2019
- McDonald Observatory - Hobby Eberly Telescope/VIRUS 2017-2 - 13 hours, *TESLA: The Texas Euclid Survey for Lyman Alpha*, Fall 2018
- Co-I - James Webb Space Telescope Early Release Science (JWST ERS), *The Cosmic Evolution Early Release Science (CEERS) Survey*, Nov 2017

TALKS + PRESENTATIONS

INVITED TALKS

- Galaxies Group Paper Series, April 2022, - Virtual - Max Planck
- Student Veterans of America National Conference, Jan 2022, - Orlando, CA - Presenter
- Princeton Papers Seminar, November 2021, - Virtual - UCLA
- Caltech Tea Talk, October 2021, - Virtual - Caltech
- NASA JPL Astrophysics Seminar, October 2021, - Virtual - JPL
- UCLA Galaxies Seminar, October 2021, - Virtual - UCLA
- DAWN Cake Talk Series, July 2021, - Virtual - DAWN Center, Copenhagen, Denmark
- Early Universe/Reionization Era Conversations at Arizona (EURECA) Seminar, April 2020, - Virtual - The University of Arizona
- Gemini Observatory Talk Series, Feb 2020, - Hilo, HI
- Conference for Undergrad Women in Physics (CUWiP), Jan 2020, - College Station, TX - Panelist
- Student Veterans of America National Conference, Jan 2020, - Los Angeles, CA - Presenter
- WFIRST/LSST/EUCLID Deep Field Coordination, Aug 2018, Princeton, NJ - Invited Talk

CONFERENCE TALKS

- American Astronomical Meeting 2022, Jun 2022, Pasadena, CA
- The growth of galaxies in the Early Universe - VII, Mar 2022, Sesto val Pusteria, Italy
- Keck Science Meeting 2021, Sep 2021, UCSC - San Diego, CA, - [Video Recording](#)
- Summer All Zoom Epoch of Reionization Astronomy Conference (SAZERAC), June 2021, - [Online Talk](#)
- Summer All Zoom Epoch of Reionization Astronomy Conference (SAZERAC), July 2020, - [Online Talk](#)
- Keck Science Meeting 2019, Sep 2019, UCLA - Los Angeles, CA
- 'Barefoot EoR' Exploring the first billion years of the Universe, Jul 2019, Cairns, Australia
- COSMOS Meeting, Jun 2018, DAWN Institute - Copenhagen, Denmark
- GISS IPAC Talk Series, Jun 2018, Caltech - Pasadena, CA
- CANDELS SED Fitting Meeting, Apr 2018, UC Riverside - Riverside, CA
- Star Formation in the JWST Era, Oct 2017, Texas A&M University - College Station, TX
- Spectral Diagnostics to Explore the Cosmic Dawn with JWST, Aug 2017, Space Telescope Science Institute - Baltimore, MD
- The Snowbird Cosmic Lyman-Alpha Workshop (SnowCLAW), Mar 2017, Salt Lake City, UT

CONFERENCE POSTERS

- American Astronomical Society Winter Meeting, Jan 2021, Virtual
- Keck Science Meeting 2020, Sep 2020, Virtual
- American Astronomical Society Winter Meeting, Jan 2020, Honolulu, HI
- Frank N. Bash Symposium, Oct 2019, UT Austin - Austin, TX
- IAU Symposium 352 - Uncovering Early Galaxy Evolution in the ALMA and JWST Era, Jun 2019, Viana do Castelo, Portugal
- American Astronomical Society Winter Meeting, Jan 2019, Seattle, WA

- Keck Science Meeting, Sep 2018, Caltech - Pasadena, CA
- American Astronomical Society Winter Meeting, Jan 2018, Washington, D.C.
- Frank N. Bash Symposium, Oct 2017, UT Austin - Austin, TX
- American Astronomical Society Summer Meeting, Jun 2017, Austin, TX
- American Astronomical Society Winter Meeting, Jan 2017, Grapevine, TX
- American Astronomical Society Winter Meeting, Jan 2016, Orlando, FL
- Frank N. Bash Symposium, Oct 2015, UT Austin - Austin, TX
- International Astronomical Union XXIX General Assembly, June 2015, Honolulu, HI - 2 Posters
- Frank N. Bash Symposium, Oct 2013, UT Austin - Austin, TX

ACADEMIC EXPERIENCE

TEACHING

- TA - Intro to Astronomy for Non-Science Majors, 200 students, Fall 2018

ADVISING

- Graduate Student Mentor/Instructor/Organizer for DAWN Summer REU, Summer 2021
- REU Science Advisor for UT Austin REU Student, Blakely Aaronson, Summer 2019
- Informal Mentor for UT Austin TAURUS Summer Student, Oscar Chavez-Ortiz, Summer 2019

DEPARTMENT SERVICE

- College of Natural Sciences Dean's Search Committee Astronomy Department Graduate Student Representative, 2021
- College of Natural Sciences Dean's Council Astronomy Department Graduate Student Representative, 2019-2021
- Astronomy Department Graduate Student Representative, 2018 - 2019
- Astronomy Department Undergraduate Student Representative, 2015 - 2016

WORKSHOPS

- JWST Master Class Workshop; College Station, TX Feb 2020 - LOC
- JWST Master Class Workshop; Austin, TX Jan 2020 - LOC
- JWST Proposal Planning Workshop; Honolulu, HI, Jan 2020
- ALMA Community Day; Austin, TX Apr 2019
- JWST Proposal Planning Workshop; Austin, TX, Jun 2017
- ALMA Proposal and Data Reduction Workshop; Austin, TX Apr 2017

FUNDRAISING

- Speaker - McDonald Observatory Board of Visitors Recruitment Meeting; Houston, TX, May 2019
- Speaker - McDonald Observatory Board of Visitors Meeting; Austin, TX, Feb 2019
- Speaker - McDonald Observatory Board of Visitors Recruitment Meeting; Dallas, TX, Nov 2018

PUBLIC OUTREACH

TALKS AND PRESENTATIONS

- Astronomy on Tap Jena; [Live YouTube Presentation](#), October 2022
- Astronomy on Tap LA; [Live YouTube Presentation](#), April 2021
- Astronomy on Tap Groningen; [Live YouTube Presentation](#), March 2021
- The Earth is Flat on Planet Pluto; [Live YouTube Interview](#), July 2020
- Starts with a Bang #60; Forbes Podcast, [Link](#), July 2020
- Better Satellite Worlds Summer Series; Space & Satellite Professionals International Podcast, [Link](#), June 2020
- Speaker - KLRU: PBS Austin Next Night - Apollo 11 Documentary; Austin, TX, June 2019
- Astronomy on Tap ATX; Austin, TX, Nov 2018 - [YouTube Recording](#)
- Astronomy on Tap LA; Pasadena, CA, Jul 2018
- Astronomy on Tap Santa Barbara; Santa Barbara, CA, May 2018
- Austin Astronomical Society General Meeting; Austin, TX, Oct 2017
- Astronomy on Tap ATX; Austin, TX, Apr 2016 - [YouTube Recording](#)

HOST/ORGANIZER

- Organizer - [Astronomy on Tap ATX](#); Austin, TX, 2014 - Present
- Organizer - Drunk Science Show with Sarafina Nance; [YouTube](#), Apr 2020 - present

- Host/Organizer - Astronomy on the Couch World-wide live-stream event; [YouTube](#) , April 2020
- Host/Presenter/Organizer - Star Party and Concert fundraiser for Jester King Farms; Austin, TX, Feb 2020

SOCIAL MEDIA LEAD

- Social Media Lead - [Cosmic Evolution Early Release Science \(CEERS\) Team](#) ; Austin, TX, 2022 - Present
- Social Media Lead - [Cosmic Spring Collaboration](#) ; Austin, TX, 2022 - Present

VOLUNTEER/ACTIVITY LEAD

- Activity Lead - Austin Camp Contemporary Art Education Fundraiser; Austin, TX, Oct 2019
- Activity Lead - Thinkery 21: It Came from the Future; Austin, TX, Oct 2019
- Volunteer - UT Austin Introduce a Girl to Engineering Day; Austin, TX, Feb 2019
- Volunteer - AstroFest - Week of Astronomy; Pasadena, CA, Jul 2018
- Volunteer - Jet Propulsion Lab (JPL) Open House; Pasadena, CA, Jun 2018
- Volunteer - UT Austin Introduce a Girl to Engineering Day; Austin, TX, Feb 2017

NON-ACADEMIC

FOUNDER/PRESIDENT

- Co-Founder - [Student Veterans Research Network](#) , 2021 - Present
- Co-Founder, President - [UT Student Veterans Association](#) ; Austin, TX, 2013-2019
- Founder + Organizer - UT Women Veterans Group; Austin, TX 2013 - Present

MEMBER

- Representative - UT Military and Veteran Advisory Council; Austin, TX 2015 - Present
- Member - UT Association for Women in Astronomy Research and Education (AWARE); Austin, TX 2013 - Present
- Member, Board Member - Austin Junior Forum Womens' Volunteer Organization; Austin, TX, 2013-2019

PUBLICATIONS

TOTAL PUBLICATIONS: 29 - LEAD AUTHOR: 4 - TOTAL CITATIONS: 444 (AS OF 18-NOV-2022) — [Link to ADS Library](#)

FIRST-AUTHORED PAPERS

- **Larson, R. L.**, Hutchison, T. A., Bagley, M., et al., *Spectral Templates Optimal for Selecting Galaxies at $8 < z < 10$ with JWST* - 2022, submitted
- **Larson, R. L.**, Finkelstein, S. L., Hutchison, T. A., et al., *Searching for Islands of Reionization: A Potential Ionized Bubble Powered by a Spectroscopic Overdensity at $z = 8.7$* - 2022, ApJ, 930, 104 (**10 citations**)
- **Larson, R. L.**, Finkelstein, S. L., Pirzkal, N., et al., *Discovery of a $z = 7.452$, High-Equivalent-Width Lyman- α Emitter from the Hubble Space Telescope Faint Infrared Grism Survey* - 2018, ApJ, 858, 94 (**28 citations**)
- **Larson, R. L.**, Evans, N. J., II, Green, J. D., Yang, Y.-L., *Evidence for Decay of Turbulence by MHD Shocks in the ISM via CO Emission* - 2015, ApJ, 806, 70 (**14 citations**)

CONTRIBUTING-AUTHORED PAPERS

- Bradley, L. D., Coe, D., Brammer, G., et al., (**Larson, R. L. 5 of 27**), *High-Redshift Galaxy Candidates at $z=9-13$ as Revealed by JWST Observations of WHL0137-08* - 2022, arXiv:2210.01777 (**1 citations**)
- Finkelstein, S. L., Bagley, M., Arrabal Haro, P., et al., (**Larson, R. L. 12 of 120**), *A Long Time Ago in a Galaxy Far, Far Away: A Candidate $z \sim 12$ Galaxy in Early JWST CEERS Imaging* - 2022, arXiv:2207.12474 (**48 citations**)
- Finkelstein, S. L., Bagley, M., Song, M., et al., (**Larson, R. L. 4 of 22**), *A Census of the Bright $z = 8.5 - 11$ Universe with the Hubble and Spitzer Space Telescopes in the CANDELS Fields* - 2022, ApJ, 928, 52 (**36 citations**)
- Jung, I., Finkelstein, S. L., Dickinson, M., et al., (**Larson, R. L. 5 of 16**), *Texas Spectroscopic Search for Ly α Emission at the End of Reionization III. The Ly α Equivalent-width Distribution and Spatial Clustering of LAEs at $z \gtrsim 7$* - 2020, ApJ, 904, 144 (**58 citations**)
- Jung, I., Finkelstein, S. L., Dickinson, M., et al., (**Larson, R. L. 5 of 15**), *Texas Spectroscopic Search for Ly α Emission at the End of Reionization II. The Deepest Near-Infrared Spectroscopic Observation at $z \gtrsim 7$* - 2019, ApJ, 877, 146 (**15 citations**)
- Fogarty, K., Postman, M., **Larson, R. L.**, et al., *The Relationship Between Brightest Cluster Galaxy Star Formation and the Intracluster Medium in CLASH* - 2017, ApJ, 846, 103 (**24 citations**)
- Pirzkal, N., Malhotra, S., Ryan, R. E., et al., (**Larson, R. L. 9 of 29**), *FIGS – Faint Infrared Grism Survey: Description and Data Reduction* - 2017, ApJ, 846, 84 (**30 citations**)

CO-AUTHORED PAPERS

- Yu-Yang Hsiao, T., Coe, D., Abdurrouf, et al., (**Larson, R. L. 48 of 66**), *JWST reveals a possible $z \sim 11$ galaxy merger in triply-lensed MACS0647 – JD* - 2022, arXiv:2210.14123
- Windhorst, R. A., Cohen, S. H., Jansen, R. A., et al., (**Larson, R. L. 58 of 83**), *Webb's PEARLS: Prime Extragalactic Areas for Reionization and Lensing Science: Project Overview and First Results* - 2022, arXiv:2209.04119
- Welch, B., Coe, D., Zackrisson, E., et al., (**Larson, R. L. 41 of 63**), *JWST Imaging of Earendel, the Extremely Magnified Star at Redshift $z=6.2$* - 2022, arXiv:2208.09007
- Zavala, J. A., Buat, V., Casey, C. M., et al., (**Larson, R. L. 88 of 121**) *A dusty starburst masquerading as an ultra-high redshift galaxy in JWST CEERS observations* - 2022, arXiv:2208.01816
- Tachella, S., Finkelstein, S. L., Bagley, M., et al., (**Larson, R. L. 15 of 21**) *On the Stellar Populations of Galaxies at $z = 9 - 11$: The Growth of Metals and Stellar Mass at Early Times* - 2022, ApJ, 927, 170
- Zitrin, A., Acebron, A., Coe, D., et al., (**Larson, R. L. 15 of 22**) *A Strong-lensing Model for the WDMF JWST/GTO Very Rich Cluster A1489* - 2020, ApJ, 903, 137
- Rojas-Ruiz, S., Finkelstein, S. L., Bagley, M., et al., (**Larson, R. L. 6 of 8**) *Probing the Bright End of the Rest-Frame Ultraviolet Luminosity Function at $z = 8-10$ with Hubble Pure-Parallel Imaging* - 2020, ApJ, 891, 146
- Pharo, J., Malhotra, S., Rhoads, J., et al., (**Larson, R. L. 18 of 21**), *A Catalog of Emission-line Galaxies from the Faint Infrared Grism Survey: Studying Environmental Influence on Star Formation* - 2020, ApJ, 888, 79
- Pirzkal, N., Rothberg, B., Ryan, R. E., et al., (**Larson, R. L. 16 of 24**), *A Two-dimensional Spectroscopic Study of Emission-line Galaxies in the Faint Infrared Grism Survey (FIGS). I. Detection Method and Catalog* - 2018, ApJ, 868, 61
- Jung, I., Finkelstein, S. L., Livermore, R. C., et al., (**Larson, R. L. 8 of 8**), *Texas Spectroscopic Search for Ly α Emission at the End of Reionization I. Constraining the Ly α Equivalent-width Distribution at $6.0 < z < 7.0$* - 2018, ApJ, 864, 103
- Yang, Y. L., Green, J. D., Evans, N. J., II, et al. (**Larson, R. L. 15 of 16**), *CO in Protostars (COPS): Herschel-SPIRE Spectroscopy of Embedded Protostars* - 2018, ApJ, 860, 174
- Green, J. D., Yang, Y.-L., Evans, N. J., II, et al., (**Larson, R. L. 8 of 9**), *The CDF Archive: Herschel PACS and SPIRE Spectroscopic Data Pipeline and Products for Protostars and Young Stellar Objects* - 2016, AJ, 151, 75

WHITE PAPERS

- Windhorst, R. A., Alpaslan, M., Andrews, S., et al. (**Larson, R. L. 26 of 47**) , *On the observability of individual Population III stars and their stellar-mass black hole accretion disks through cluster caustic transits* - 2019, arXiv:1903.06527
- Koekemoer, A. M., Foley, R. J., Spergel, D. N., et al. (**Larson, R. L. 36 of 72**) , *An Ultra Deep Field survey with WFIRST* - 2019, arXiv:1903.06154
- Finkelstein, S. L., Bradac, M., Casey, C., et al. (**Larson, R. L. 12 of 18**) , *Unveiling the Phase Transition of the Universe During the Reionization Epoch with Lyman-alpha* - 2019, arXiv:1903.04518

PROCEEDINGS

- **Larson, R. L.** , Joglee, S., Watson, N., et al., *Probing Early Galaxy Growth and Dusty Star-Forming Systems Across Diverse Environments in the 28 deg² Herschel/Stripe82/HETDEX Field* - 2015, Frank N. Bash Symposium (BASH2015)

CATALOGS

- Pharo, J., Malhotra, S., Rhoads, J. E., et al., (**Larson, R. L. 18 of 21**) , *VizieR Online Data Catalog: Emission-line galaxies from the FIGS survey (Pharo+, 2020)* - 2021, VizieR Online Data Catalog
- Yang, Y.-L., Green, J. D., Evans, N. J., II, et al., (**Larson, R. L. 15 of 16**) , *VizieR Online Data Catalog: CO in Protostars (COPS): Herschel spectroscopy* - 2019, VizieR Online Data Catalog
- Green, J. D., Yang, Y.-L., Evans, N. J., II, et al., (**Larson, R. L. 8 of 9**) , *VizieR Online Data Catalog: Herschel-PACS and -SPIRE spectroscopy of 70 objects* - 2016, VizieR Online Data Catalog, 515