– Caitlin Meryl Casey –
Curriculum Vitæ

The University of Texas at Austin
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EDUCATION

2010 Ph.D. in Astronomy — University of Cambridge
Institute of Astronomy & St. John's College
Ph.D. Thesis: *Characterising Ultraluminous Infrared Galaxies in the Early Universe*
Supervisor: Prof. Scott Chapman
(*defended August 2010, received in congregation 23 July 2011)*

2007 B.S. in Physics, Astronomy, and Mathematics — University of Arizona
Graduation Summa Cum Laude with Honors
Senior Thesis: *Optical Selection of Faint AGN in the COSMOS Field*
Supervisor: Prof. Christopher Impey

PROFESSIONAL APPOINTMENTS

2021 — present	Associate Professor, Department of Astronomy, University of Texas at Austin
2022 — present	*Associate Faculty*, Cosmic Dawn Center (DAWN), Copenhagen, Denmark
2015 — 2021	Assistant Professor, Department of Astronomy, University of Texas at Austin
2013 — 2015	McCue Postdoctoral Fellow of Cosmology, University of California, Irvine
2010 — 2013	NASA Hubble Postdoctoral Fellow, Institute for Astronomy, University of Hawai'i at Mānoa
2007 — 2010	Gates Cambridge Scholar, Institute of Astronomy, University of Cambridge

GRANTS, AWARDS & HONORS

Awards:

2019 Cottrell Scholar Award
Awarded to Early Career Teacher-Scholars by the Research Corporation for Science Advancement

2018 Newton Lacy Pierce Prize
Awarded for Outstanding Achievement in Observational Astronomy before age 36 by the American Astronomical Society

2010 NASA Hubble Postdoctoral Fellowship

2007 Gates Cambridge Scholarship
Elected president of Gates Cambridge Scholars in 2008, liaison between ~300 international graduate students, the Cambridge Trusts, Board of Trustees, and the Bill & Melinda Gates Foundation

2006 Goldwater Scholarship
Awarded for undergraduate research by the Barry M. Goldwater Foundation

Grants:

External Funding Administered at UT Austin to-date: $3,327,474 (as PI) $3,499,970 (total)

NSF Astronomy & Astrophysics Grant (2023) — $395,979 (PI)
The Astrophysics of the Obscured Universe Across Cosmic Time

NASA *James Webb Space Telescope* General Observer Grant, Cycle 2 (2023) — $235,180 (Admin-PI)
Breaking the z=10 barrier with MIRI: redshift confirmation and detection of rest-frame optical emission lines in early galaxies (25 hours)
Led by Jorge Zavala, NAOJ (former postdoc in Casey group)

NASA Keck Key Strategic Mission Support Program for 2022A—2023B — $150,000 (PI)
$105,000 to Casey group at UT
The Webb Epoch of Reionization Lyman-α Survey (WERLS)
Submitted in collaboration with Jeyhan Kartaltepe, RIT

NASA Astrophysics Data Analysis Program (2021) — $199,215 (PI)
Toward a Uniform and Complete Spectroscopic Archive for the COSMOS Legacy Field
Submitted in collaboration as joint PIs with Jeyhan Kartaltepe, RIT

NASA Astrophysics Data Analysis Program (2021) — $495,417 (Co-I)
$247,707 to Casey group at UT
Leveraging *Spitzer* to Investigate Reionization and the Growth of Massive Cosmic Structures over 10deg^2
PI is Steve Finkelstein at UT Austin

NRAO Student Observing Support (SOS) Grant for ALMA (2021) — $ 28,143 (Co-I)
Graduate Funding Support for Olivia Cooper for ALMA Cycle 8 Prog. 2021.1.00705.S — Needle in a haystack: Identifying the highest-redshift candidate DSFGs using 2mm imaging
Led by Olivia Cooper, current graduate student in the Casey Group

NASA *James Webb Space Telescope* General Observer Grant, Cycle 1 (2021) — $ 1,681,750 (PI)
$660,008 to Casey group at UT
COSMOS-Web: The JWST Cosmic Origins Survey (255 hours)
Submitted in collaboration as joint PIs with Jeyhan Kartaltepe, RIT

NASA Keck Solicitation Observing Grant for 2021B (2021) — $13,650 (PI)
Beasts in the Bubbles: Remarkably UV-bright Galaxies at z=9-10
Submitted in collaboration with Seiji Fujimoto, then postdoc at DAWN Copenhagen

NRAO Student Observing Support (SOS) Grant for ALMA (2020) — $18,482 (PI)
Graduate Funding Support for Sinclaire Manning for ALMA Cycle 6 Prog. 2018.1.00231.S — Mapping Obscuration to Reionization (MORA)

NSF Astronomy & Astrophysics Grant (2020) — $257, 218 (PI)
Collaborative Research: Toward a Uniform and Complete Spectroscopic Archive for the COSMOS Legacy Field
Submitted in collaboration as joint PIs with Jeyhan Kartaltepe, RIT

NASA *Hubble Space Telescope* General Observer Grant, Cycle 27 (2019) — $126,813 (PI)
Rest-frame UV/optical Morphologies of Obscured Radio Starbursts: Comparig Obscured and Unobscured Star-Formation on kpc Scales

NASA Keck Solicitation Observing Grant for 2019A (2019) — $10,625 (Co-I)
Spectroscopic Characterization of 3mm Selected IRAC Galaxies
Led by Jorge Zavala, then postdoc in the Casey Group

Cottrell Scholar Award, Research Corporation for Science Advancement — $100,000 (PI)
Sponsored by IF/THEN, an initiative of Lyda Hill Philanthropies (2019)
Diverse Perspectives: the Impact of Dust and Gas on Cosmic History and Equity-Minded Inquiry-based Astronomy

NASA SOFIA General Observer Grant Cycles 7, 8 and 9 (2018, 2019, 2020) — $188,100 (PI)
Precision Cosmology with SOFIA: Characterizing the Dust Emission in Nearby Supernovae Type 1a Host Galaxies

NSF Astronomy & Astrophysics Grant (2018) — $332,534 (PI)
Dust Obscuration Towards the Epoch of Reionization

NASA *Hubble Space Telescope* General Observer Grant, Cycle 25 (2017) — $155,372 (PI)
The environments of $6<z<7$ quasars: rich with starbursts?

NSF Astronomy & Astrophysics Grant (2017) — $152,189 (PI)
The Morphology of Dust-Obscured Starbursts: the e-MERLIN SuperCLASS Legacy Survey

NASA Keck Solicitation Observing Grant for 2017A (2017) — $10,075 (PI)
Submillimeter-bright $z>2$ Protoclusters as Beacons of Rapid Cluster Formation

NRAO next generation VLA Community Studies Program (2016) — $16,086 (PI)
Cold Gas in the Early Universe

TAURUS HornRaiser Fundraising campaign (2016) — $10,265 (PI)
Promoting Inclusion and STEMming Attrition in Astrophysics

NASA Astrophysics Data Analysis Program (2016) — $44,387 (PI)
Stellar Masses for thousands of $z>1$ resolved, dusty starbursts

NASA *Spitzer Space Telescope* Cycle 12 Program (2015) — $10,000 (PI)
SuperCLASS: Stellar Masses for thousands of $z>1$ resolved, dusty starbursts

TELESCOPE OBSERVING ALLOCATIONS (as PI)

James Webb Space Telescope	255 hours (1 program)
Atacama Large Millimeter Array	313 hours (1 large program, 13 regular programs)
W.M. Keck Observatory	63 nights (7 instruments)
Hubble Space Telescope	23 orbits (2 programs)
Jansky Very Large Array	50 hours (1 program)

Small allocations at other facilities including: JCMT, SMA, Subaru, PdBI (now NOEMA), UKIRT, HET, McDonald 2.7m, VLT, *e*-MERLIN.

MENTORSHIP

PhD Students:

Hollis Akins, 1st year — 2022 — present
UT President's Harrington Fellow (2022-2027)

Olivia Cooper, 3rd year — 2020 — present
NSF Graduate Research Fellow (2022-2025)

Jaclyn Champagne — 2016 — 2022
Now a JASPER Postdoc Fellow at University of Arizona

Patrick Drew — 2016 — 2021
Now a Data Scientist in Boston, MA area

Sinclaire Manning — 2015 — 2021
Now NASA Hubble Postdoctoral Fellow, UMass Amherst
NSF Graduate Research Fellow (2016-2019)

Visiting PhD Students:

Fabrizio Gentile, University of Bologna — 2023 — present

Vasily Kokorev, University of Copenhagen — 2022

Arianna Long, University of California, Irvine — 2020 — 2022

Postdocs:

Arianna Long, *NASA Hubble Fellow* — 2022 — present

Seiji Fujimoto, *NASA Hubble Fellow* — 2022 — present
Co-mentoring with Prof. Steve Finkelstein

Maximillien Franco — 2022 — present

Jed McKinney — 2022 — present

Justin Spilker, *NASA Hubble Fellow* — 2017 — 2021
Now Faculty at Texas A&M University

Jorge Zavala — 2017 — 2021
Now Faculty/Staff at NAOJ, Tokyo, Japan

Chao-Ling Hung — 2015 — 2017
Former Faculty at Manhattan College, Now Data Scientist

Undergrads:	Jake Magee (UT)	2022 — present
	Mia Fong (UT)	2022 — 2023
	Alfonso Melendez (UT), TAURUS Scholar at UT	2022
	Maryam Hussaini (UT), *Now Harvard grad student*	2020
	Anne Burnham (UT), *Now Yale grad student*	2017 — 2020
	Laney Wicker (UT), *Now Scripps/UCSD grad student*	2018 — 2019
	Aimee Schechter (UT), *Now Colorado grad student*	2017 — 2019
	Richard Seifert (UT), *Now Virgina grad student*	2017 — 2018
	Meghana Killi (UT), *Now Copenhagen grad student*	2016 — 2017
	Jonathan Brown (MIT), TAURUS Scholar at UT	2017
	Julia Orenstein (UT)	2017
	Pranav Nair (UT)	2016
	Nicholas Timmons (UCI), *earned PhD from UCI*	2014 — 2015
	Donald Trinh (UCI)	2014 — 2015
	Erwin Medina (UCI)	2014
	Laura Yu (UCI)	2014
	Jamie Budynkiewicz (UMass), REU/Hawai'i, *now CfA/SAO staff*	2012

TEACHING

Awards: Consultations in Improving Teaching Excellence (CITE) Fellow, UT (2022)
College of Natural Science Teaching Excellence Award, UT (2020)
Cottrell Scholar Award, RCSA (2019)
Natural Sciences Council Faculty Service Award, UT (2018)
Board of Visitors Teaching Excellence Award, UT (2017)

Courses: **AST307**, "Introductory Astronomy," Undergraduate Course for Science Majors (UT)
Fall 2023 — 80 students, Instructor Rating: TBD
Fall 2022 — 75 students, Instructor Rating: 4.6/5.0
Fall 2021 — 66 students, Instructor Rating: 4.8/5.0
Spring 2019 — 31 students, Instructor Rating: 5.0/5.0
Spring 2018 — 65 students, Instructor Rating: 4.8/5.0
Spring 2017 — 75 students, Instructor Rating: 4.4/5.0
Fall 2016 — 80 students, Instructor Rating: 4.5/5.0
Spring 2016 — 58 students, Instructor Rating: 4.9/5.0
AST358, "Galaxies and the Universe," Undergraduate Course for Astronomy Majors (UT)
Spring 2022 — 45 students, Instructor Rating: 4.5/5.0
Spring 2020 — 48 students, Instructor Rating: 4.8/5.0
AST386c, "Properties of Galaxies," Graduate Course (UT)

Fall 2020 — 9 students, Instructor Rating: 5.0/5.0
Fall 2018 — 6 students, Instructor Rating: 4.8/5.0

AST386 - Topics, "High-Redshift Galaxies," Graduate Course (UT)
Fall 2017 — 6 students, Instructor Rating: 4.7/5.0

AST735, "Research Techniques," Graduate Course (U Hawai'i)
Spring 2012 — 12 students

HNRS195, "Paladins Orientation Course," Undergraduate Honors Seminar (U Arizona)
Fall 2005 — 16 students

Short course: *Selection Effects*, Curriculum Design for Institute for Science and Engineering Educators, TAURUS Scholars Summer Seminar, Summer 2016

Short course: *Physics of Waves*, Curriculum Design for Institute for Science and Engineering Educators, Kapiolani Community College Summer Course, Summer 2013

Excerpts from Teaching Evaluations:

- *"I enjoyed this class thoroughly and wish that all professors taught even a fraction as well as Dr. Casey does." — Spring 2022*
- *"Dr. Casey has been the most accommodating and energetic professor I've had!" — Fall 2021*
- *"Dr. Casey is the most engaging professor I've had, and I'm a senior." – Spring 2020*
- *"Thank you for being an inspiration for me and being the only female professor I've had in stem. It's really nice to see a woman be successful in the field. It reminds me that I belong in this field and I am valid. Thank you!" – Spring 2020*
- *"Dr. Casey is by far one of the best professors I've had while I've been at UT. She seems very excited to teach every class period. She encourages students and helps us be successful and listens to our ideas." – Fall 2016*
- *"Best science course I've taken at UT. I was hesitant to take it but I'm very glad I stuck with it. Definitely taking another astro course. The overall structure of the course was pretty straightforward and Casey's lectures themselves were engrossing– you can measure by how fast a 75 minute lectures flies by. Good mix of concepts and cold hard math." – Fall 2016*
- *"This is the best class I've taken at UT. I loved the course material. The power points and lectures were extremely well put together. The homeworks were never too difficult, but Dr. Casey was always available to ask for help. She is a great professor, and cared about her students as people too." – Spring 2016*

SERVICE

Leadership

PI of the COSMOS-*Web* survey (2021 — present)
PI of the Web Epoch of Reionization Lyman-alpha Survey (WERLS; 2021 — present)
PI of the COSMOS collaboration (2018 — present)
PI of the Mapping Obscuration to Reionization with ALMA (MORA) Survey (2019 — present)
Euclid NASA Science Center at IPAC User Panel (2022 — present)
Scientific Steering Committee, COSMOS Collaboration (2015 — present)
Scientific Steering Committee, Munich Institute for Astro-, Particle and Bio-Physics, MIAPbP (2022—present)
Scientific Advisory Committee, Next Generation Very Large Array (2016 — 2020)

Faculty Advisory Council for the Institute for Scientist and Engineer Educators (2019 — present)
Science Working Group Leader, Next Generation Very Large Array (2014 — 2016)

Refereeing & Reviews

Referee for *Science, Nature,* the *Astrophysical Journal, Monthly Notices of the Royal Astronomical Society,* and *Astronomy & Astrophysics* (since 2010)
Member of the *Hubble Space Telescope* Cycle 19, 22, & 30 time allocation committees, panel vice chair in Cycle 30 (2011, 2014, 2022)
Member of the Atacama Large Millimeter Array time allocation committee (2015, 2016, 2018)
Member of the Hubble Fellows Selection Committee (2016, 2018)
Member of NRAO telescope allocation committee (2015, 2016)
External Reviewer for Canada TAC (2015)
External Reviewer for the Natural Sciences and Engineering Research Council of Canada (NSERC, 2015)
External Reviewer for the Millennium Science Initiative, Ministry of Economy - Chile (2016-17)
NSF Review Panel Member (2014)
Spitzer Space Telescope Extragalactic Science Panel (2012)
University of Hawai'i, Institute for Astronomy Maunakea time allocation committee (2011-12)
James Clerk Maxwell Telescope UK Time Allocation Group Member (2011 — 2013)

Scientific Organizing Committees

COSMOS Team Meetings (2019 — present)
"First Science Results from JWST," STScI, Baltimore, MD (December 2022)
"SAZERAC 2.0: Summer All Zoom Epoch of Reionization Astronomy Conference," virtual conference (June 2021)
"Protoclusters: Galaxies in Confinement," virtual conference (Sep 2020)
"SAZERAC: Summer All Zoom Epoch of Reionization Astronomy Conference," virtual conference (July 2020)
"The Art of Measuring Galaxy Physical Properties," Milano, Italy (Nov 2019)
"Astrophysical Frontiers in the Next Decade and Beyond: Planets, Galaxies, Black Holes, and the Transient Universe," SOC Co-Chair, Portland, OR (June 2018)
"Developing the ngVLA Science Program Workshop," NRAO Socorro, NM (June 2017)
Aspen Center for Physics Summer Workshop: "New Frontiers in Far-Infrared and Sub millimeter Astronomy" (June 2016)
"South by High Redshift," Austin, TX (April 2015)
Aspen Center for Physics Summer Workshop: "The Obscured Universe: Dust and Gas in Distant Starburst Galaxies" (June 2013)

Internal Service Committees

UT Austin Department of Astronomy Evaluations Committee (2021 — present)
UT Austin Department of Astronomy Teaching Evaluations Committee (2021 — present)
UT Austin College of Natural Sciences Course & Curriculum Committee (2018 — present)
UT Austin College of Natural Sciences Diversity, Equity & Inclusion Committee (2017 — 2022)
UT Austin Department of Astronomy Curriculum Redesign Committee (2018 — 2019)

UT Austin Department of Astronomy Lead Undergraduate Advisor (2021 — present)
UT Austin Department of Astronomy Undergraduate Studies Committee (2016 — present)
UT Austin BeVocal Faculty Advisory Board (2018 — 2020)
UT College of Natural Sciences 21st century Curriculum and Implementation Committee (2016 — 2017)
UT Austin Department of Astronomy Colloquium Organizer (2015 — 2017)
UT Austin Department of Astronomy Graduate Admissions and Recruiting Committee (2015—16, 2019—20)
UH/IfA Graduate Admissions Committee (2012)
UH/IfA "Astrocoffee" internal weekly seminar organizer (2011—2013)
Cambridge/IoA Computing Advisory Committee Member (2008 — 2010)
Cambridge/Gates Scholars Council: Internal Officer (2007-08) and President (2008-09)

Student PhD Thesis Committees

Dustin Davis, UT Austin (yet-to-defend); Rebecca Larson, UT Austin (defended 2023); Arianna Long, UCI, supervisor: Asantha Cooray (defended 2022); Sydney Sherman, UT Austin (defended 2021); Briana Indahl, UT Austin (defended 2021); Isabella Cortzen, DAWN Copenhagen, supervisor: Georgios Magdis (defended 2020); Intae Jung, UT Austin (defended 2019); Anshu Gupta, Australia National University, supervisor: Lisa Kewley (2018); Nina Bonaventura, McGill University, supervisor: Tracy Webb (2017).

MAJOR EQUITY & INCLUSION EFFORTS

Founder & Director of the TAURUS Summer Research Program, UT Austin *(2015 — present)*

The Texas Astronomy Undergraduate Research experience for Under-represented Students (TAURUS) is a 10-week summer research program for highly-motivated students from traditionally underserved backgrounds in astrophysics. Our aim is the retention of these students (who come to UT from all over the US) in STEM careers, with a particular focus on the advancement of Black, Latinx, and Native American students. There are 45 alumni of TAURUS spanning summers 2016–2022 (the 2020 program was delayed due to COVID-19, and we paused for 2023 due to my maternity leave). John Chisholm joined as co-director in 2021.

Co-founded the Equity & Inclusion Discussion Group in the UT Astronomy Dept. *(2016-19)*

Monthly discussions about social justice and equity and inclusion efforts in the astronomy department and McDonald Observatory community. Co-founded by myself, graduate student Raquel Martinez and postdoc Brandon Bozek. Members read articles prior to meetings and they are discussed with a prioritization of more marginalized voices.

Co-designed & Co-led Workshops on Impostor Syndrome, `Diversity/Ethics' and Academic Gray Zone, *(2013-20)*

I have actively built workshop material around topics related to Equity & Inclusion since 2013, when I co-led a workshop at the Aspen Center for Physics on academic ethics, power dynamics, and the importance of diversity. This work was later published as a Careers column in Nature magazine (Casey & Sheth 2013) and repeated at other institutions. I also co-designed an impostor syndrome workshop. Locations include: Arizona, Workshop for Women in Science Australia, Princeton, Toledo, MPIA Heidelberg, Leiden Observatory, the Women in Astronomy

IV Conference, the University of British Columbia, and the American Astronomical Society January 2015 meeting.

OUTREACH, INTERVIEWS & PRESS RELEASES

Linked Interviews & Commentary:

Featured on Marketplace's "Make me Smart" Podcast with Kai Ryssdal (July 2023)
Featured on NPR All Things Considered, *JWST*'s first images (July 2022)
Featured on NPR's 1A Program, JWST's launch (Dec 20, 2021)
Featured in PBS NOVA's Ultimate Space Telescope Documentary (July 2022 and February 2023)
Featured on Marketplace's "Make me Smart" Podcast with Kai Ryssdal (January 2022)
Featured on the Texas Standard (NPR's Statewide News Program for Texas, December 2021)
Featured in Texas Monthly Magazine (October 2021)
Featured in Austin Monthly Magazine (March 2022)
Featured on Vox's Unexplainable Podcast, the "James Webb Space Telescope" (September 29, 2021)
Commented for the New York Times regarding the impact of Starlink Constellation Satellites on Astronomy (June 2019)

Press Releases & Speaking Events:

Press Release: "ALMA Spots Most Distant Dusty Galaxy Hidden in Plain Sight," issued by NSF, NRAO, ALMA, and covered by CNN, December 2019
Speaker at the College of Natural Sciences Advisory Council, Austin, TX, September 2019
Speaker at UT Austin University Lecture Series, Austin, TX, September 2019
Speaker at Astronomy on Tap New York, New York, NY, May 2019
Speaker at Hot Science Cool Talks, Austin, TX, February 2019
Press Release: "Texas Astronomers Find that Dark Matter Dominates Across Cosmic Time," McDonald Observatory (December 2018)
Speaker at Astronomy on Tap Austin, Austin, TX, December 2018
Speaker at the Science Philanthropy Alliance, Austin, TX, April 2018
Speaker at the College of Natural Science Discovery Dinner, Austin, TX, September 2017
Speaker at the Tuesday Club, Austin's Town and Gown Group, Austin, TX, April 2017
Speaker at Astronomy on Tap Austin, Austin, TX, August 2016
Speaker at Santa Ana & Saddleback Public School Career Days, Orange County, CA, 2015 — 2016
Press Release: "New Census of Distant, Dusty Galaxies," issued by *Herschel*/ESA, Keck Observatory and the Institute for Astronomy, University of Hawai'i (December 2012)
Speaker on Internationally Competitive Scholarships: U. Missouri (2012), U. Arizona (2014), UC Irvine (2015)
Speaker at the Institute for Astronomy Public Open House, Honolulu, HI, June 2012
Committee Member and Consultant, "Endless Skies" Planetarium Rehabilitation Project, Columbia Public School District, Columbia, MO, 2011 — 2014
Speaker for the University of Missouri Lecture Series, Columbia, MO, September 2010
Press Release: "Ghost Remains after Black Hole Eruption," issued by *Chandra* Observatory, May 2009
Press Release: "Stars Burst into Life in the Early Universe," issued by the University of Cambridge and the National Astronomy Meeting of the UK, April 2008

SELECT INVITED TALKS (LAST 5 YEARS)

Invited Colloquium, Stanford University, Palo Alto, CA, December 2023
Invited Colloquium, University of California Los Angeles, Los Angeles, CA, November 2023
Invited Colloquium, University of California Santa Barbara, Santa Barbara CA, November 2023
Invited Review, Marseille Star Formation Conference, Marseille, France, July 2023
Invited Talk, "First Light with JWST," MIT, Boston, MA, June 2023
Invited Colloquium, University of California Berkeley, Berkeley, CA, October 2022
Invited Colloquium, University of California Santa Cruz, Santa Cruz, CA, May 2022
Invited Colloquium, McGill University, Montreal, Canada, April 2022
Invited Colloquium, University of Michigan, [virtual due to COVID-19], March 2022
Invited Colloquium, Carnegie Observatories, [virtual due to COVID-19], November 2021
Invited Colloquium, University of Bonn/Max Planck Institute for Radio Astronomy, June 2021 [virtual due to COVID-19]
Invited Colloquium, Durham University, October 2020 [virtual due to COVID-19]
Invited Colloquium, University of Kentucky, September 2020 [virtual due to COVID-19]
Invited Colloquium, University of Cambridge, Institute of Astronomy, May 2020 [virtual due to COVID-19]
Invited Talk, "Rare Galaxies in the Early Universe" 20th year of the Subaru Telescope/Joint NAOJ and Subaru Consortium Meeting, Waikaloa, HI, November 2019
Invited Review, ALMA2019 Science Meeting, Cagliari, Italy, October 2019
Invited Colloquium, Colby College, October 2019
Invited Colloquium, Yale University, September 2019
Invited Review, IAU Symposium 352, Viana do Castelo, Portugal, June 2019
Invited Talk, "Dusting the Universe," University of Arizona, Tucson, AZ, March 2019
Invited Talk, "Extremely Big Eyes on the Early Universe," University of California, Los Angeles, CA, January 2019
Invited Newton Lacy Pierce Prize Plenary Lecture, 233rd Meeting of the American Astronomical Society, Seattle, WA, January 2019
Invited Colloquium, University of Illinois at Urbana-Champaign, IL, September 2018
Invited Colloquium, University of British Columbia, March 2018
Invited Colloquium, Case Western Reserve University, Cleveland, OH, February 2018
Invited Colloquium, Space Telescope Science Institute and Johns Hopkins University, Baltimore, MD, October 2017
Invited Colloquium, University of Missouri Kansas City, MO, September 2017
Invited Talk, "20 years of SMGs," Durham University, Durham, UK, August 2017
Invited Plenary Talk, 230th Meeting of the American Astronomical Society, Austin, TX, June 2017
Invited Workshop Leader & Panelist, Women in Astronomy IV, Austin, TX, June 2017
Invited Colloquium, Instituto de Astrofísica de Canarias, La Laguna, Spain, May 2017
Invited Colloquium, Texas A&M University, College Station, TX, January 2017

Publication List
Caitlin M. Casey

Publication Statistics

(as of 7-Oct-2023, source: NASA ADS)

Number of Accepted Refereed Papers:	135 (+11 submitted)
Number of First Authored Refereed Papers:	23 (+1 submitted)
Citations to First Authored Refereed Papers:	2153
Total Citations:	8746
H-index:	50 (18 for 1st authored works)
Total citations/year:	2125 (2023), 1069 (2022), 783 (2021) , 847 (2020), 758 (2019), 751 (2018), 696 (2017), 555 (2016)

Publications Listing

*The vast majority of publications are **refereed**, unless noted with [red text in brackets].*
Co-authors I supervised directly on the project are underlined.
⋆Denotes papers led by students or postdoctoral scholars under my direct supervision.
†Denotes papers led by me.
*Links for submitted and in-press works provided in **magenta.***

Pending Publications in Rank (Submitted & In Press)

155. ***The COSMOS-Web ring: in-depth characterization of an Einstein ring lensing system at*** $z \sim 2$
Mercier, W.; Shuntov, M.; Gavazzi, R.; Nightingale, J. W.; Arango, R.; Ilbert, O.; Amvrosiadis, A.; Ciesla, L.; **Casey, C.M.**; Jin, S.; Faisst, A. L.; Andika, I. T.; Drakos, N. E.; Enia, A.; Franco, M.; Gillman, S.; Gozaliasl, G.; Hayward, C. C.; Huertas-Company, M.; Kartaltepe, J. S.; Koekemoer, A. M.; Laigle, C.; Le Borgne, D.; Magdis, G.; Mahler, G.; Maraston, C.; Martin, C. L.; Massey, R.; McCracken, H. J.; Moutard, T.; Paquereau, L.; Rhodes, J. D.; Robertson, B. E.; Sanders, D. B.; Trebitsch, M.; Tresse, L.; Vijayan, A. P. (2023). *Astronomy & Astrophysics*. Submitted *https://arxiv.org/abs/2309.15986*

154. ***⋆The Web Epoch of Reionization Lyman-α Survey (WERLS) 1. MOSFIRE Spectroscopy of*** $z \sim 7-8$ ***Lyman-α Emitters***
Cooper, Olivia R.; **Casey, Caitlin M.**; Akins, Hollis B.; Magee, Jake; Melendez, Alfonso; Fong, Mia; Urbano Stawinski, Stephanie M.; Kartaltepe, Jeyhan S.; Finkelstein, Steven L.; Larson, Rebecca L.; Jung, Intae; Bista, Ash; Champagne, Jaclyn B.; Chavez Ortiz, Oscar A.; Coffin, Sadie; Cooper, M. C.; Drakos, Nicole; Faisst, Andreas L.; Franco, Maximilien; Fujimoto, Seiji; Gillman, Steven; Gozaliasl, Ghassem; Harish, Santosh; Hutchison, Taylor A.; Koekemoer, Anton M.; Kokorev, Vasily; Lertprasertpong, Jitrapon; Liu, Daizhong; Long, Arianna S.; Papovich, Casey; Rich, R. Michael; Robertson, Brant E.; Talia, Margherita; Vanderhoof, Brittany N.; Whitaker, Katherine E.; Zavala, Jorge A. (2023). *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2309.06656

153. ***Cosmic Evolution Early Release Science Survey (CEERS): Multi-classing Galactic Dwarf Stars in the deep JWST/NIRCam***
Holwerda, B. W.; Hsu, Chih-Chun; Hathi, Nimish; Bisigello, Laura; de la Vega, Alexander; Arrabal Haro, Pablo; Bagley, Micaela; Dickinson, Mark; Finkelstein, Steven L.; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Papovich, Casey; Pirzkal, Nor; Cook, Kyle; Robertson, Clayton; **Casey, Caitlin M**; Aganze, Christian; Pérez-González, Pablo G.; Lucas, Ray A.; Jogee, Shardha; Wilkins, Stephen; Burgarella, Denis; Kirkpatrick, Allison (2023). *Monthly Notices of the Royal Astronomical Society*. Submitted https://arxiv.org/abs/2309.05835

152. ***Uncovering a Massive z~7.65 Galaxy Hosting a Heavily Obscured Radio-Loud QSO Candidate in COSMOS-Web***
Lambrides, Erini; Chiaberge, Marco; Long, Arianna; Liu, Daizhong; Akins, Hollis B.; Ptak, Andrew F.; Taufik Andika, Irham; Capetti, Alessandro; **Casey, Caitlin M.**; Champagne, Jaclyn B.; Chworowsky, Katherine; Cooper, Olivia R.; Ding, Xuheng; Faisst, Andreas L.; Franco, Maximilien; Gillman, Steven; Gozaliasl, Ghassem; Hall, Kirsten R.; Harish, Santosh; Hayward, Christopher C.; Hirschmann, Michaela; Hutchison, Taylor A.; Jahnke, Knud; Jin, Shuowen; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Kokorev, Vasily; Manning, Sinclaire M.; Martin, Crystal L.; McKinney, Jed; Norman, Colin; Onoue, Masafusa; Robertson, Brant E.; Shuntov, Marko; Silverman, John D.; Stiavelli, Massimo; Trakhtenbrot, Benny; Vardoulaki, Eleni; Zavala, Jorge A.; Allen, Natalie; Ilbert, Olivier; McCracken, Henry Joy; Paquereau, Louise; Rhodes, Jason; Toft, Sune (2023). *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2308.12823

151. ***†COSMOS-Web: Intrinsically Luminous $z \gtrsim 10$ Galaxy Candidates Test Early Stellar Mass Assembly***
Casey, Caitlin M.; Akins, Hollis B.; Shuntov, Marko; Ilbert, Olivier; Paquereau, Louise; Franco, Maximilien; Hayward, Christopher C.; Finkelstein, Steven L.; Boylan-Kolchin, Michael; Robertson, Brant E.; Allen, Natalie; Brinch, Malte; Cooper, Olivia R.; Ding, Xuheng; Drakos, Nicole E.; Faisst, Andreas L.; Fujimoto, Seiji; Gillman, Steven; Harish, Santosh; Hirschmann, Michaela; Jin, Shuowen; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Kokorev, Vasily; Liu, Daizhong; Long, Arianna S.; Magdis, Georgios; Maraston, Claudia; Martin, Crystal L.; McCracken, Henry Joy; McKinney, Jed; Mobasher, Bahram; Rhodes, Jason; Rich, R. Michael; Sanders, David B.; Silverman, John D.; Toft, Sune; Vijayan, Aswin P.; Weaver, John R.; Wilkins, Stephen M.; Yang, Lilan; Zavala, Jorge A. (2023) *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2308.10932

150. ***⋆Unveiling the distant Universe: Characterizing $z \geq 9$ Galaxies in the first epoch of COSMOS-Web***
Franco, Maximilien; Akins, Hollis B.; **Casey, Caitlin M.**; Finkelstein, Steven L.; Shuntov, Marko; Chworowsky, Katherine; Faisst, Andreas L.; Fujimoto, Seiji; Ilbert, Olivier; Koekemoer, Anton M.; Liu, Daizhong; Lovell, Christopher C.; Maraston, Claudia; McCracken, Henry Joy; McKinney, Jed; Robertson, Brant E.; Bagley, Micaela B.; Champagne, Jaclyn B.; Cooper, Olivia R.; Ding, Xuheng; Drakos, Nicole E.; Enia, Andrea; Gillman, Steven; Hayward, Christopher C.; Hirschmann, Michaela; Kokorev, Vasily; Laigle, Clotilde; Long, Arianna S.; Gozaliasl, Ghassem; Harish, Santosh; Jin, Shuowen; Kartaltepe, Jeyhan S.; Magdis, Georgios; Mahler, Guillaume; Martin, Crystal L.; Rich, R. Michael; Trakhtenbrot, Benny; Mobasher, Bahram; Paquereau, Louise; Renzini, Alvio; Rhodes, Jason; Sheth, Kartik; Silverman, John D.; Sparre, Martin; Talia, Margherita; Valentino, Francesco; Vijayan, Aswin P.; Wilkins, Stephen M.; Yang, Lilan; Zavala, Jorge A. (2023). *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2308.00751

149. ***Deeper than DEEP: A Spectroscopic Survey of $z > 3$ Lyman-α Emitters in the Extended Groth Strip***
Urbano Stawinski, Stephanie M.; Cooper, M. C.; Finkelstein, Steven L.; Jung, Intae; Pérez-González, Pablo G.; **Casey, Caitlin M.**; Cooper, Olivia R.; Hathi, Nimish P.; Holwerda, Benne W.; Koekemoer, Anton M.; Fernández, Vital; Larson, Rebecca L.; Lucas, Ray A.; Yung, L. Y. Aaron (2023). *Monthly Notices of the Royal Astronomical Society*. Submitted https://arxiv.org/abs/2307.04782

148. ***⋆Efficient NIRCam Selection of Quiescent Galaxies at $3 < z < 6$ in CEERS***
Long, Arianna S.; Antwi-Danso, Jacqueline; Lambrides, Erini L.; Lovell, Christopher C.; de la Vega, Alexander; Valentino, Francesco; Zavala, Jorge A.; **Casey, Caitlin M.**; Wilkins, Stephen M.; Yung, L. Y. Aaron; Arrabal Haro, Pablo; Bagley, Micaela B.; Bisigello, Laura; Chworowsky, Katherine; Cooper, Michael C.; Cooper, Olivia R.; Cooray, Asantha R.; Croton, Darren; Dickinson, Mark; Finkelstein, Steven L.; Franco, Maximilien; Gould, Katriona M. L.; Hirschmann, Michaela; Hutchison, Taylor A.; Kartaltepe, Jeyhan S.; Kocevski, Dale D.; Koekemoer, Anton M.; Lucas, Ray A.; McKinney, Jed; Papovich, Casey; Perez-Gonzalez, Pablo G.; Pirzkal, Nor; Santini, Paola (2023). *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2305.04662

147. ***⋆Two massive, compact, and dust-obscured candidate $z \sim 8$ galaxies discovered by JWST***
Akins, Hollis B.; **Casey, Caitlin M.**; Allen, Natalie; Bagley, Micaela B.; Dickinson, Mark; Finkelstein, Steven L.; Franco, Maximilien; Harish, Santosh; Arrabal Haro, Pablo; Ilbert, Olivier; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Liu, Daizhong; Long, Arianna S.; McCracken, Henry Joy; Paquereau, Louise; Papovich, Casey; Pirzkal, Nor; Rhodes, Jason; Robertson, Brant E.; Shuntov, Marko; Toft, Sune; Yang, Guang; Barro, Guillermo; Bisigello, Laura; Buat, Véronique; Champagne, Jaclyn B.; Cooper, Olivia; Costantin, Luca; de la Vega, Alexander; Drakos, Nicole E.; Faisst, Andreas; Fontana, Adriano; Fujimoto, Seiji; Gillman, Steven; Gómez-Guijarro, Carlos; Gozaliasl, Ghassem; Hathi, Nimish P.; Hayward, Christopher C.; Hirschmann, Michaela; Holwerda, Benne W.; Jin, Shuowen; Kocevski, Dale D.; Kokorev, Vasily; Lambrides, Erini; Lucas, Ray A.; Magdis, Georgios E.; Magnelli, Benjamin; McKinney, Jed; Mobasher, Bahram; Pérez-González, Pablo G.; Rich, R. Michael; Seillé, Lise-Marie; Talia, Margherita; Urry, C. Megan; Valentino, Francesco; Whitaker, Katherine E.; Yung, L. Y. Aaron; Zavala, Jorge (2023). *The Astrophysical Journal*. In press https://arxiv.org/abs/2304.12347

146. ***⋆A Near-Infrared Faint, Far-Infrared-Luminous Dusty Galaxy at z~5 in COSMOS-Web***
McKinney, Jed; Manning, Sinclaire M.; Cooper, Olivia R.; Long, Arianna S.; Akins, Hollis; **Casey, Caitlin M.**; Faisst, Andreas L.; Franco, Maximilien; Hayward, Christopher C.; Lambrides, Erini; Magdis, Georgios; Whitaker, Katherine E.; Yun, Min; Champagne, Jaclyn B.; Drakos, Nicole E.; Gentile, Fabrizio; Gillman, Steven; Gozaliasl, Ghassem; Ilbert, Olivier; Jin, Shuowen; Koekemoer, Anton M.; Kokorev, Vasily; Liu, Daizhong; Rich, R. Michael; Robertson, Brant E.; Valentino, Francesco; Weaver, John R.; Zavala, Jorge A.; Allen, Natalie; Kartaltepe, Jeyhan S.; McCracken, Henry Joy; Paquereau, Louise; Rhodes, Jason; Shuntov, Marko; Toft, Sune (2023). *The Astrophysical Journal*. In press https://arxiv.org/abs/2304.07316

145. ***CEERS: Diversity of Lyman-Alpha Emitters during the Epoch of Reionization***
Jung, Intae; Finkelstein, Steven L.; Arrabal Haro, Pablo; Dickinson, Mark; Ferguson, Henry C.; Hutchison, Taylor A.; Kartaltepe, Jeyhan S.; Larson, Rebecca L.; Simons, Raymond C.; Papovich, Casey; Park, Hyunbae; Pentericci, Laura; Trump, Jonathan R.; Amorin, Ricardo O.; Backhaus, Bren E.; **Casey, Caitlin M.**; Cheng, Yingjie; Cleri, Nikko J.; Cooper, M. C.; Cooper, Olivia R.; Gardner, Jonathan P.; Gawiser, Eric; Grazian, Andrea; Hathi, Nimish P.; Hirschmann, Michaela; Koekemoer, Anton M.; Lucas, Ray A.; Mobasher, Bahram; Ravindranath, Swara; Straughn, Amber N.; Yung, L. Y. Aaron; de la Vega, Alexander (2023). *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2304.05385

144. ***Confirmation and refutation of very luminous galaxies in the early universe***
Arrabal Haro, Pablo; Dickinson, Mark; Finkelstein, Steven L.; Kartaltepe, Jeyhan S.; Donnan, Callum T.; Burgarella, Denis; Carnall, Adam; Cullen, Fergus; Dunlop, James S.; Fernández, Vital; Fujimoto, Seiji; Jung, Intae; Krips, Melanie; Larson, Rebecca L.; Papovich, Casey; Pérez-González, Pablo G.; Amorín, Ricardo O.; Bagley, Micaela B.; Buat, Véronique; **Casey, Caitlin M.**; Chworowsky, Katherine; Cohen, Seth H.; Ferguson, Henry C.; Giavalisco, Mauro; Huertas-Company, Marc; Hutchison, Taylor A.; Kocevski, Dale D.; Koekemoer, Anton M.; Lucas, Ray A.; McLeod, Derek J.; McLure, Ross J.; Pirzkal, Norbert; Seillé, Lise-Marie; Trump, Jonathan R.; Weiner, Benjamin J.; Wilkins, Stephen M.; Zavala, Jorge A. (2023). *Nature*. in press https://arxiv.org/abs/2303.15431

143. ***The Next Generation Deep Extragalactic Exploratory Public (NGDEEP) Survey***
Bagley, Micaela B.; Pirzkal, Nor; Finkelstein, Steven L.; Papovich, Casey; Berg, Danielle A.; Lotz, Jennifer M.; Leung, Gene C. K. Ferguson, Henry C.; Koekemoer, Anton M.; Dickinson, Mark; Kartaltepe, Jeyhan S.; Kocevski, Dale D.; Somerville, Rachel S.; Yung, L. Y. Aaron; Backhaus, Bren E.; **Casey, Caitlin M.**; Castellano, Marco; Chávez Ortiz, Óscar A.; Chworowsky, Katherine; Cox, Isabella G.; Davé, Romeel; Davis, Kelcey; Estrada-Carpenter, Vicente; Fontana, Adriano; Fujimoto, Seiji; Gardner, Jonathan P.; Giavalisco, Mauro; Grazian, Andrea; Grogin, Norman A.; Hathi, Nimish P.; Hutchison, Taylor A.; Jaskot, Anne E.; Jung, Intae; Kewley, Lisa J.; Kirkpatrick, Allison; Larson, Rebecca L.; Matharu, Jasleen; Natarajan, Priyamvada; Pentericci, Laura; Pérez-González, Pablo G.; Ravindranath, Swara; Rothberg, Barry; Ryan, Russell; Shen, Lu; Simons, Raymond C.; Snyder, Gregory F.; Trump, Jonathan R.; Wilkins, Stephen M. (2023). *The Astrophysical Journal*. Submitted https://arxiv.org/abs/2302.05466

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142. ***ALMA FIR View of Ultra-high-redshift Galaxy Candidates at z 11-17: Blue Monsters or Low-z Red Interlopers?***
Fujimoto, Seiji; Finkelstein, Steven L.; Burgarella, Denis; Carilli, Chris L.; Buat, Véronique; **Casey, Caitlin M.**; Ciesla, Laure; Tacchella, Sandro; Zavala, Jorge A.; Brammer, Gabriel; Fudamoto, Yoshinobu; Ouchi, Masami; Valentino, Francesco; Cooper, M. C.; Dickinson, Mark; Franco, Maximilien; Giavalisco, Mauro; Hutchison, Taylor A.; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Kojima, Takashi; Larson, Rebecca L.; Murphy, E. J.; Papovich, Casey; Pérez-González, Pablo G.; Somerville, Rachel S.; Yoon, Ilsang; Wilkins, Stephen M.; Akins, Hollis; Amorín, Ricardo O.; Haro, Pablo Arrabal; Bagley, Micaela B.; Chworowsky, Katherine; Cleri, Nikko J.; Cooper, Olivia R.; Costantin, Luca; Daddi, Emanuele; Ferguson, Henry C.; Grogin, Norman A.; Jiménez-Andrade, E. F.; Juneau, Stéphanie; Kirkpatrick, Allison; Kocevski, Dale D.; Le Bail, Aurélien; Long, Arianna; Lucas, Ray A.; Magnelli, Benjamin; McKinney, Jed; Rose, Caitlin; Seillé, Lise-Marie; Simons, Raymond C.; Weiner, Benjamin J.; Yung, L. Y. Aaron (2023). *The Astrophysical Journal*. 955, 130

141. ★*[Rotation Curve Measurement of Dark Matter Content of a $z \sim 0.5$ Galaxy]*
Magee, Jake; **Casey, Caitlin M.**; Cooper, Olivia R.; Melendez, Alfonso; Fong, Mia; Karltaltepe, Jeyhan; Long, Arianna S.; Stawinski, Stephanie Urbano; Champagne, Jaclyn B.; Cooper, M. C.; Faisst, Andreas L.; Maraston, Claudia; WERLS Collaboration (2023). *Research Notes of the American Astronomical Society*. 7, 110

140. *[Bright Beacons? ALMA Non-detection of a Supposedly Bright [OI] 63μm Line in a Redshift-6 Dusty Galaxy]*
Rybak, Matus; Lemsom, L.; Lundgren, A.; Zavala, J.; Hodge, J. A.; de Breuck, C.; **Casey, C. M.**; Decarli, R.; Torstensson, K.; Wardlow, J. L.; van der Werf, P. P. (2023). *Research Notes of the American Astronomical Society*. 7, 9

139. †***The COSMOS-Web Survey: An Overview of the JWST Cosmic Origins Survey***
Casey, Caitlin M.; Kartaltepe, Jeyhan S.; Drakos, Nicole E.; Franco, Maximilien; Ilbert, Olivier; Rose, Caitlin; Cox, Isabella G.; Nightingale, James W.; Robertson, Brant E.; Koekemoer, Anton M.; McCracken, Henry Joy; Rhodes, Jason; Akins, Hollis B.; Arango-Toro, Rafael C.; Bagley, Micaela B.; Champagne, Jaclyn B.; Chartab, Nima; Chavez Ortiz, Oscar A.; ;Cooke, Kevin C.; Cooper, Olivia R.; Darvish, Behnam; Ding, Xuheng; Faisst, Andreas L.; Finkelstein, Steven L.; Fujimoto, Seiji; Gentile, Fabrizio; Gillman, Steven; Gozaliasl, Ghassem; Harish, Santosh; Hayward, Christopher C.; Hemmati, Shoubaneh; Hirschmann, Micaela; Jin, Shuowen; Khostovan, Ali Ahmad; Kokorev, Vasily; Lambrides, Erini; Laigle, Clotilde; Leung, Gene C.K.; Liu Daizhong; Long, Arianna S.; Magdis, Georgios; Mainieri, Vincenzo; Manning, Sinclaire M.; Martin, Crystal L.; Massey, Richard; McKinney, Jed; McPartland, Conor J.R.; Mobasher, Bahram; Pattnaik, Rohan; Rich, R. Michael; Sanders, David B.; Sattari, Zahra; Scognamiglio, Diana; Scoville, Nick; Shuntov, Marko; Silverman, John D.; Sparre, Martin; Suzuki, Tomoko L.; Talia, Margherita; Toft, Sune; Trakhtenbrot, Benny; Urry, C. Megan; Vanderhoof, Brittany N.; Vardoulaki, Eleni; Weaver, John R.; Whitaker, Katherine E.; Wilkins, Stephen M.; Yang, Lilan; Zavala, Jorge A. (2022). *The Astrophysical Journal*. 954, 31

138. ***COSMOS2020: The galaxy stellar mass function. The assembly and star formation cessation of galaxies at*** $0.2 < z \leq 7.5$
Weaver, J. R.; Davidzon, I.; Toft, S.; Ilbert, O.; McCracken, H. J.; Gould, K. M. L.; Jespersen, C. K.; Steinhardt, C.; Lagos, C. D. P.; Capak, P. L.; **Casey, C. M.**; Chartab, N.; Faisst, A. L.; Hayward, C. C.; Kartaltepe, J. S.; Kauffmann, O. B.; Koekemoer, A. M.; Kokorev, V.; Laigle, C.; Liu, D.; Long, A.; Magdis, G. E.; McPartland, C. J. R.; Milvang-Jensen, B.; Mobasher, B.; Moneti, A.; Peng, Y.; Sanders, D. B.; Shuntov, M.; Sneppen, A.; Valentino, F.; Zalesky, L.; Zamorani, G. (2023) *Astronomy & Astrophysics*. 677, 184

137. ***JWST CEERS probes the role of stellar mass and morphology in obscuring galaxies***
Gómez-Guijarro, Carlos; Magnelli, Benjamin; Elbaz, David; Wuyts, Stijn; Daddi, Emanuele; Le Bail, Aurélien; Giavalisco, Mauro; Dickinson, Mark; Pérez-González, Pablo G.; Arrabal Haro, Pablo; Bagley, Micaela B.; Bisigello, Laura; Buat, Véronique; Burgarella, Denis; Calabrò, Antonello; **Casey, Caitlin M.;** Cheng, Yingjie; Ciesla, Laure; Dekel, Avishai; Ferguson, Henry C.; Finkelstein, Steven L.; Franco, Maximilien; Grogin, Norman A.; Holwerda, Benne W. ; Jin, Shuowen; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Kokorev, Vasily; Long, Arianna S.; Lucas, Ray A.; Magdis, Georgios E.; Papovich, Casey; Pirzkal, Nor; Seillé, Lise-Marie; Tacchella, Sandro; Tarrasse, Maxime; Valentino, Francesco; de la Vega, Alexander; Wilkins, Stephen M.; Xiao, Mengyuan; Yung, L. Y. Aaron (2023) *Astronomy & Astrophysics*. 677, 34

136. ***A z = 1.85 galaxy group in CEERS: Evolved, dustless, massive intra-halo light and a brightest group galaxy in the making***
Coogan, Rosemary T.; Daddi, Emanuele; Le Bail, Aurélien; Elbaz, David; Dickinson, Mark; Giavalisco, Mauro; Gómez-Guijarro, Carlos; de la Vega, Alexander; Bagley, Micaela; Finkelstein, Steven L.; Franco, Maximilien; Cooray, Asantha R.; Behroozi, Peter; Bisigello, Laura; **Casey, Caitlin M.**; Ciesla, Laure; Dimauro, Paola; Finoguenov, Alexis; Koekemoer, Anton M.; Lucas, Ray A.; Pérez-González, Pablo G.; Yung, L. Y. Aaron; Arrabal Haro, Pablo; Kartaltepe, Jeyhan S.; Jogee, Shardha; Papovich, Casey; Pirzkal, Nor; Wilkins, Stephen M. (2023) *Astronomy & Astrophysics*. 677, 3

135. ***A CEERS Discovery of an Accreting Supermassive Black Hole 570 Myr after the Big Bang: Identifying a Progenitor of Massive z > 6 Quasars***
Larson, Rebecca L.; Finkelstein, Steven L.; Kocevski, Dale D.; Hutchison, Taylor A.; Trump, Jonathan R.; Haro, Pablo Arrabal; Bromm, Volker; Cleri, Nikko J.; Dickinson, Mark; Fujimoto, Seiji; Kartaltepe, Jeyhan S.; Koekemoer, Anton M.; Papovich, Casey; Pirzkal, Nor; Tacchella, Sandro; Zavala, Jorge A.; Bagley, Micaela; Behroozi, Peter; Champagne, Jaclyn B.; Cole, Justin W.; Jung, Intae; Morales, Alexa M.; Yang, Guang; Zhang, Haowen; Zitrin, Adi; Amorín, Ricardo O.; Burgarella, Denis; **Casey, Caitlin M.**; Chávez Ortiz, Óscar A.; Cox, Isabella G.; Chworowsky, Katherine; Fontana, Adriano; Gawiser, Eric; Grazian, Andrea; Grogin, Norman A.; Harish, Santosh; Hathi, Nimish P.; Hirschmann, Michaela; Holwerda, Benne W.; Juneau, Stéphanie; Leung, Gene C. K.; Lucas, Ray A.; McGrath, Elizabeth J.; Pérez-González, Pablo G.; Rigby, Jane R.; Seillé, Lise-Marie; Simons, Raymond C.; de La Vega, Alexander; Weiner, Benjamin J.; Wilkins, Stephen M.; Yung, L. Y. Aaron; CEERS Team (2023). *The Astrophysical Journal*. 953, 29

134. ***⋆Missing Giants: Predictions on Dust-obscured Galaxy Stellar Mass Assembly Throughout Cosmic Time***
Long, Arianna S.; **Casey, Caitlin M.**; del P. Lagos, Claudia; Lambrides, Erini L.; Zavala, Jorge A.; Champagne, Jaclyn; Cooper, Olivia R.; Cooray, Asantha R. (2023). *The Astrophysical Journal*. 953, 11

133. ***Introducing the Texas Euclid Survey for Lyα (TESLA) Survey: Initial Study Correlating Galaxy Properties to Lyα Emission***
Chávez Ortiz, Óscar A.; Finkelstein, Steven L.; Davis, Dustin; Leung, Gene; Mentuch Cooper, Erin; Bagley, Micaela; Larson, Rebecca; **Casey, Caitlin M.**; McCarron, Adam P.; Gebhardt, Karl; Guo, Yuchen; Liu, Chenxu; Laseter, Isaac; Rhodes, Jason; Bender, Ralf; Fabricius, Max; Sánchez, Ariel G.; Scarlata, Claudia; Capak, Peter; Zalesky, Lukas; Sanders, David; Szapudi, Istvan; Baxter, Eric; McPartland, Conor; Weaver, John R.; Toft, Sune; Mobasher, Bahram; Suzuki, Nao; Chartab, Nima (2023). *The Astrophysical Journal*. 952, 110

132. ***⋆A Mixture of LBG Overdensities in the Fields of Three*** $6 < z < 7$ ***Quasars: Implications for the Robustness of Photometric Selection***
Champagne, Jaclyn B.; **Casey, Caitlin M.**; Finkelstein, Steven L.; Bagley, Micaela; Cooper, Olivia R.; Larson, Rebecca L.; Long, Arianna S.; Wang, Feige (2023). *The Astrophysical Journal*. 952, 99

131. ***Resolving Galactic-scale Obscuration of X-Ray AGNs at z ≈ 1 with COSMOS-Web***
Silverman, John D.; Mainieri, Vincenzo; Ding, Xuheng; Liu, Daizhong; Jahnke, Knud; Hirschmann, Michaela; Kartaltepe, Jeyhan; Lambrides, Erini; Onoue, Masafusa; Trakhtenbrot, Benny; Vardoulaki, Eleni; Bongiorno, Angela; **Casey, Caitlin**; Civano, Francesca; Faisst, Andreas ; Franco, Maximilien; Gillman, Steven; Gozaliasl, Ghassem; Hayward, Christopher C..; Koekemoer, Anton M.; Kokorev, Vasily; Magdis, Georgios; Marchesi, Stefano; Rich, Robert Michael; Sparre, Martin; Suh, Hyewon; Tanaka, Takumi; Valentino, Francesco (2023). *The Astrophysical Journal*. 951, 41

130. ***ALMA 1.1 mm Observations of a Conservative Sample of High-redshift Massive Quiescent Galaxies in SHELA***
Chworowsky, Katherine; Finkelstein, Steven L; Spilker, Justin S.; Leung, Gene C. K.; Bagley, Micaela B.; **Casey, Caitlin M.**; Gronwall, Caryl; Jogee, Shardha; Larson, Rebecca L.; Papovich, Casey; Somerville, Rachel S.; Stevans, Matthew; Wold, Isak G. B.; Yung, L. Y. Aaron (2023). *The Astrophysical Journal*. 951, 49

129. ***ALMA Observation of a*** $z > 10$ ***Galaxy Candidate Discovered with JWST.***
Yoon, Ilsang; Carilli, Christopher L.; Fujimoto, Seiji, Castellano, Marco; Merlin, Emiliano; Santini, Paola; Yun, Min S.; Murphy, Eric J.; Jung, Intae; **Casey, Caitlin M.** ; Finkelstein, Steven L.; Papovich, Casey; Fontana, Adriano; Treu, Tommaso; Letai, Jonathan (2022). *The Astrophysical Journal*. 950, 61

128. ***CEERS Spectroscopic Confirmation of NIRCam-selected z ≈ 8 Galaxy Candidates with JWST/NIRSpec: Initial Characterization of Their Properties***
Fujimoto, Seiji; Arrabal Haro, Pablo; Dickinson, Mark; Finkelstein, Steven L.; Kartaltepe, Jeyhan S.; Larson, Rebecca L.; Burgarella, Denis; Bagley, Micaela B.; Behroozi, Peter; Chworowsky, Katherine; Hirschmann, Michaela; Trump, Jonathan R.; Wilkins, Stephen M.; Yung, L. Y. Aaron; Koekemoer, Anton M.; Papovich, Casey; Pirzkal, Nor; Ferguson, Henry C.; Fontana, Adriano; Grogin, Norman A.; Grazian, Andrea; Kewley, Lisa J.; Kocevski, Dale D.; Lotz, Jennifer M.; Pentericci, Laura; Ravindranath, Swara; Somerville, Rachel S.; Wilkins, Stephen M.; Amorín, Ricardo O.; Backhaus, Bren E.; Calabrò, Antonello; **Casey, Caitlin M.**; Cooper, M. C.; Fernández, Vital; Franco, Maximilien; Giavalisco, Mauro; Hathi, Nimish P.; Harish, Santosh; Hutchison, Taylor A.; Iyer, Kartheik G.; Jung, Intae; Lucas, Ray A.; Zavala, Jorge A. (2023). *The Astrophysical Journal*. 949, 25

127. ***CEERS Key Paper. V. Galaxies at 4 < z < 9 Are Bluer than They Appear-Characterizing Galaxy Stellar Populations from Rest-frame 1μm Imaging***
Papovich, Casey; Cole, Justin W.; Yang, Guang; Finkelstein, Steven L.; Barro, Guillermo; Buat, Véronique; Burgarella, Denis; Pérez-González, Pablo G.; Santini, Paola; Seillé, Lise-Marie; Shen, Lu; Arrabal Haro, Pablo; Bagley, Micaela B.; Bell, Eric F.; Bisigello, Laura; Calabrò, Antonello; **Casey, Caitlin M.**; Castellano, Marco; Chworowsky, Katherine; Cleri, Nikko J.; Costantin, Luca; Cooper, M. C.; Dickinson, Mark; Ferguson, Henry C.; Fontana, Adriano; Giavalisco, Mauro; Grazian, Andrea; Grogin, Norman A.; Hathi, Nimish P.; Holwerda, Benne W.; Hutchison, Taylor A.; Kartaltepe, Jeyhan S.; Kewley, Lisa J.; Kirkpatrick, Allison; Kocevski, Dale D.; Koekemoer, Anton M.; Larson, Rebecca L.; Long, Arianna S.; Lucas, Ray A.; Pentericci, Laura; Pirzkal, Nor; Ravindranath, Swara; Somerville, Rachel S.; Trump, Jonathan R.; Urbano Stawinski, Stephanie M.; Weiner, Benjamin J.; Wilkins, Stephen M.; Yung, L. Y. Aaron; Zavala, Jorge A. (2023). *The Astrophysical Journal*. 949, 18

126. ***⋆Broad Emission Lines in Optical Spectra of Hot, Dust-obscured Galaxies Can Contribute Significantly to JWST/NIRCam Photometry***
McKinney, Jed; Finnerty, Luke; **Casey, Caitlin M.**; Franco, Maximilien; Long, Arianna S.; Fujimoto, Seiji; Zavala, Jorge A.; Cooper, Olivia; Akins, Hollis; Pope, Alexandra; Armus, Lee; Soifer, B. T.; Larson, Kirsten; Matthews, Keith; Melbourne, Jason; Cushing, Michael (2023). *The Astrophysical Journal*. 946, 39

125. †***[****Streams of cold cosmic fuel for galaxies****]***
Casey, Caitlin M. (2023). *Science*. 6639, 1303

124. ***Deep ALMA redshift search of a $z \sim 12$ GLASS-JWST galaxy candidate.***
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118. ***A dusty starburst masquerading as an ultra-high redshift galaxy in JWST CEERS observations.***
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116. ***Cosmic Evolution of Gas and Star Formation.***
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114. ***A Long Time Ago in a Galaxy Far, Far Away: A Candidate $z \sim 14$ Galaxy in Early JWST CEERS Imaging.***
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112. ***★Probing Cold Gas in a Massive, Compact Star-forming Galaxy at $z = 6$.***
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111. ⋆***No Redshift Evolution of Dust Temperatures from*** $0 < z < 2$***.***
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110. ⋆***Searching Far and Long I: Pilot ALMA 2mm Follow-up of Bright Dusty Galaxies as a Redshift Filter.***
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106. ***First HETDEX Spectroscopic Determinations of Ly*α ***and UV Luminosity Functions at z=2-3: Bridging a Gap between Faint AGNs and Bright Galaxies.***
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100. ***⋆The Physical Drivers of the Luminosity-weighted Dust Temperatures in High-Redshift Galaxies.***
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99. ***⋆The Evolution of the IR Luminosity Function and Dust-obscured Star Formation over the Past 13 Billion Years.***
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1. Observations of **C.M. Casey** in 397 [Minor Planet Electronic Circulars] from 2004-2006, with key contributions to MPEC 2005 G83: 2003 WU172, MPEC 2005-G18: 2005 GL1, MPEC 2005-G21: 2005 GY8 as part of the Catalina Sky Survey team (PI: Steve Larson, Lunar & Planetary Laboratory, University of Arizona). Full list available at this LINK.