

Jaclyn Bradli Champagne

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Education

University of Texas at Austin

Graduate Student, Astronomy

Fields: Dusty Star-forming Galaxies, Large Scale Structure Formation

Rutgers, State University of New Jersey

B.S., Physics, Astrophysics, May 2016.

Graduated Summa Cum Laude with Highest Honors in Physics.

Research

UT Austin

Graduate Research Assistant under Prof. Caitlin Casey

“Molecular Gas Content of DSFGs in a $z=2.47$ Starbursting Protocluster”

Max Planck Institute for Astronomy

Research Intern under Dr. Fabian Walter, 2015

“Searching for Flux Overdensities in the Environments of $z>6$ Quasars”

Cornell University

REU Student under Prof. Dominik Riechers, 2014

“Star Formation Properties in $z=5.3$ Starburst Galaxies”

Rutgers University

Research Assistant under Prof. Chuck Keeton, 2013-2016

Senior Thesis Title: “Focusing Cosmic Telescopes: Searching for Lensed Images”

Publications

“No Evidence for Millimeter Continuum Source Overdensities in the Environments of $z > 6$ Quasars”

J. B. Champagne, R. Decarli, C. M. Casey, B. Venemans, E. Bañados, F. Walter,
F. Bertoldi, X. Fan, E. P. Farina, C. Mazzucchelli, D. A. Riechers, M. A. Strauss,
R. Wang, Y. Yang, *Astrophysical Journal*, 2018, *submitted*

Conference Presentations

“No Evidence for 1.2 mm Dust Continuum Overdensities around $z > 6$ Quasars”

Poster by J. B. Champagne, R. Decarli, C. M. Casey et al.

Astrophysical Frontiers, Portland, Oregon, June 2018

“Molecular Gas Content in SMGs in a $z = 2.47$ Starbursting Protocluster”

Poster by J. B. Champagne, C. M. Casey, D. B. Sanders, C. Hales, et al.

SMG20, Durham University, August 2017
Bash Fest, University of Texas at Austin, October 2017

“Simulated Observations of CO(2-1) and CO(1-0) in DSFGs at $2 < z < 4$ ”
Poster by J. B. Champagne, C. M. Casey, C.-L. Hung, D. Narayanan, C. Carilli, et al.
next generation Very Large Array (ngVLA) Community Studies Meeting, June 2017

“Searching for Galaxy Overdensities in the Fields of 10 $z > 6$ Quasars”
Poster by J.C. Bradli, F. Walter, B. Venemans, R. Decarli, L. Zschaechner.
American Astronomical Society, January 2016

“Star Formation Properties in Dusty Early Universe Galaxies using Gravitational Lensing”
Poster by J. C. Bradli, D.A. Riechers, R. S. Bussmann, D. Clements, I. Perez-Fournon.
American Astronomical Society, January 2015

Teaching **Teaching Assistant, Department of Astronomy, UT Austin**
Prof. Caitlin Casey, AST307: Introductory Astronomy, Spring 2018
Teaching Assistant, Department of Physics & Astronomy, Rutgers University
Prof. Terry Matilsky, Analyzing the Universe, Fall 2015

Awards and Fellowships **National Science Foundation Graduate Research Fellowship**
Honorable Mention, 2016, 2018

Astronomy Excellence Fellowship
UT Austin College of Natural Sciences, 2016

Mohan S. Kalelkar Award for Outstanding Female Physics Major, 2016
Mary Wheeler Wigner Scholarship, 2015
Noemie B. Koller Scholarship, 2014
Rutgers Physics & Astronomy Department

Chambliss Student Poster Medal
American Astronomical Society, Winter 2015

Presidential Scholarship
Rutgers School of Arts and Sciences, 2012-2016

Outreach **Texas Astronomy Undergraduate Research experience for Under-represented Students (TAURUS)**
Seminar Organizer
Social Media Coordinator

Professional Societies American Astronomical Society, Junior Member
American Physical Society, Junior Member
Phi Beta Kappa, Member