
RACHEL BEZANSON

Department of Physics and Astronomy
University of Pittsburgh
3941 O'Hara St
Pittsburgh PA 15260

rachel.bezanson@pitt.edu
(US Citizen)

observational galaxy formation and evolution through cosmic time

EDUCATION

Yale University, New Haven, Connecticut 2007-2013

M.Phil., M.S., Ph.D. - Astronomy

Thesis Title: *Ten Billion Years of Growth: Massive Galaxy Evolution from Structures and Dynamics*

Advisor: Dr. Pieter van Dokkum

Barnard College, Columbia University, New York, New York 1999-2003

B.A. - Astrophysics

summa cum laude, Phi Beta Kappa, Dean's List all years

Department Honors & Distinction on Senior Research Requirement

EMPLOYMENT

Assistant Professor, University of Pittsburgh, Pittsburgh, PA 2017-present

H.N. Russell Fellow, Princeton University, Princeton, NJ 2016-2017

Hubble Fellow, Steward Observatory, Tucson, AZ 2013-2016

FELLOWSHIPS AND AWARDS

H.N. Russell Fellowship, Department of Astrophysics, Princeton University, 2016-present

Dirk Brouwer Memorial Prize, <https://astronomy.yale.edu/prizes>, Yale University, 2016

Hubble Fellowship, Steward Observatory, University of Arizona, 2013-2016

summa cum laude, Barnard College, Columbia University, 2003

Phi Beta Kappa, Barnard College, Columbia University, 2003

Howard Hughes Grant for Undergraduate Research, with Elena Aprile, Columbia, NY 2001

CONFERENCES AND TALKS

- Caltech Astronomy Colloquium, *Invited Talk*, March 2018
- Princeton Galread Seminar, March 2018
- Case Western Reserve Physics Seminar, *Invited talk*, October 2017
- Princeton Dept. of Astrophysics Advisory Council Meeting, *Invited talk*, May 2017
- U Illinois - UC Colloquium, *Invited talk*, Illinois, Feb. 2017
- Princeton/IAS Colloquium, *Invited talk*, Feb. 2017
- HSC Seminar, Princeton, Sept. 2016
- CIERA Fellows at the Frontiers, *Invited talk*, Sept. 2016
- Galread Seminar, Princeton, Sept. 2016
- Deconstructing Galaxies at Cosmic Noon Workshop, Lorentz Center, invited review/discussion, July 2016
- Massive Beasts of the Cosmos Conference, Kruger Park, contributed talk, July 2016
- What Shapes Galaxies? Conference, STScI, contributed talk, April 2016
- UMass-Amherst Colloquium, *Invited talk*, April 2016
- PITPAC LSST Photo-z Workshop, contributed talk, April 2016
- Hubble Fellow Symposium, contributed talk, March 2016
- 3D-HST conference, *Invited talk*, Nov. 2015

- UC-San Diego CASS Seminar, *Invited talk*, October 2015
- Steward Observatory/NOAO colloquium, *Invited talk*, April 2015
- Hubble Fellow Symposium, contributed talk, March 2015
- The Most Massive Galaxies and Their Precursors, contributed talk, Feb 2015
- Astronomy Colloquium, University of Washington, *Invited talk*, October 2014
- Open University Seminar, Milton Keynes, UK, October 2014
- Galaxy Masses as Constraints of Formation Models, Oxford, contributed talk, Jul. 2014
- Hubble Fellow Symposium, contributed talk, March 2014
- Unveiling the Formation of Massive Galaxies, Aspen, contributed talk, Feb. 2014
- Extragalactic Seminar, UT-Austin, October 2013
- Bash Symposium, UT-Austin, *Invited talk*, October 2013
- Astronomy Seminar, Texas A&M, *Invited talk*, Sept. 2013
- NOAO FLASH Talk, NOAO, Sept. 2013
- Dissertation Talk, AAS-Long Beach, Jan. 2013
- OIR Seminar, CfA, Dec. 2012
- Journal Club Talk, U.C.L.A., October 2012
- Caltech Tea Talk, California Institute of Technology, October 2012
- FLASH talk, U.C.-Santa Cruz, October 2012
- Berkeley Cosmology Seminar and Galform Talks, *Invited talk*, U.C.-Berkeley, October 2012
- IAU Intriguing Lives of Massive Galaxies Session, Beijing, poster presentation, Aug. 2012
- Galaxies Insight-Out Conference, Leiden, *Invited talk*, July 2012
- Galaxy Formation Conference, Durham, poster presentation, July. 2011
- Deep IR studies of the Distant Universe Meeting, Leiden, contributed talk, Feb. 2009
- Evolution of Galaxies from Mass-Selected Samples, Leiden, contributed talk, Nov. 2009

ADDITIONAL EXPERIENCE

Observing

HST – WFC3: 13 orbit imaging program (Proposal #12167)

VLT – VIMOS: many nights observing for LEGA-C survey (total allocation: ~128 nights)

VLA: 30 hours in 2015B (PI J. Spilker, graduate student at UA)

ALMA: (as PI:) Cycle 3: 2.7 hours, Cycle 4: 7.7 hours, Cycle 5: 27.8 hours

Gemini - GMOS N/S: ~ 30 hours

MMT – Hectospec: 9 nights, **MMIRS:** 2 nights, **Red Channel Spectrograph:** 3 nights

Keck – LRIS: 8 nights, **DEIMOS:** 3 nights

Blanco 4.0 meter: 15 nights imaging with NEWFIRM medium band NIR filters

SMARTS – Yale 1.0 m: 8 nights imaging

Surveys and Large Collaborations:

Newfirm Medium Band Survey (NMBS) and NMBSII

3DHST - Spectroscopic Galaxy Evolution Survey with HST

CHOMP (Colorblind Observations of Massive Progenitors) survey, PI

LEGA-C (Large Early Galaxy Astrophysics Census), Survey Scientist <http://www.mpia.de/home/legac/>

Computing: experience with C, IDL, IRAF, Python

Service: Referee for MNRAS, ApJ, and ApJL

TEACHING

- Instructor for Introduction to Astronomy (ASTR 113), University of Pittsburgh, Fall 2017
- Guest Lectures for Undergraduate and Graduate Courses, University of Arizona, 2014-2015
 - ASTR 302- Introduction to Astronomical Observation, ASTR 300A - Astronomy and Astrophysics*
 - ASTR 540 - Structure and Dynamics of Galaxies*
- Teaching Fellow, Yale University, 2007-2009
 - Designed weekly discussion sessions, led homework/exam review sessions, developed supplemental and complementary curricula, grading*
 - ASTR 110 - Planets and Stars
 - ASTR 120 - Galaxies and the Universe

ASTR 160 - Frontiers and Controversies in Astrophysics

- High School Physics & Astronomy Teacher, Poly Prep Country Day School, NY, 2003-2007
Designed lesson plans, introduced new curriculum, prepared laboratory experiments, graded assignments, and provided individual help and mentoring
Courses: high school physics, AP physics, 8th grade physical science, and two astronomy electives

OUTREACH

- Carnegie Science Center Public Lecture, March 2018.
 - Astronomy on Tap - PGH, Nov. 2017
How big is the Universe?
 - Allegheny Observatory Public Lecture, Nov. 2017
Galaxy Cannibals - The Evolution of Massive Galaxies Through Cosmic Time
 - Astronomy Club of Asheville/UNC-Asheville Public Lecture, March 2017
The Surprisingly Complex Lives of Massive Galaxies
 - Steward Observatory Public Lecture, March 2014
Galactic Cannibalism: the Growth of Massive Galaxies through Cosmic Time
podcast: <https://www.as.arizona.edu/public-evening-lecture-series-podcasts>
 - *The Yale PhD: 150 Years of Leadership for Yale and the World*,
Annual Meeting of the Association of Yale Alumni, *Invited talk*, Nov. 2011
 - Science in the News: “The Anatomy of a Galaxy Inside-out” outreach talk, Yale, Feb. 2011
-

SUBMITTED AND REFEREED PUBLICATIONS

★ - First or Second Author

39. ★ *Spatially Resolved Stellar Kinematics from LEGA-C: Increased Rotational Support in $z \sim 0.8$ Quiescent Galaxies*
Bezanson, R., van der Wel, A., Pacifici, C., Noeske, K., Barišić, I., Bell, E. F., Brammer, G. B., Calhau, J., Chauke, P., van Dokkum, P., Franx, M., Gallazzi, A., van Houdt, J., Labbé, I., Maseda, M. V., Muños-Mateos, J. C., Muzzin, A., van de Sande, J., Sobral, D., Straatman, C., Wu, P.-F., *ApJ* in press, arXiv:1804.02402.
38. ★ *Leveraging 3D-HST Grism Redshifts to Quantify Photometric Redshift Performance*
Bezanson, R., Wake, D. A., Brammer, G. B., Leja, J., Momcheva, I. G., Nelson, E. J., Quadri, R. F., Skelton, R. E., Weiner, B. J., Whitaker, K. E. *ApJ* in press, 2016, *ApJ*, Volume 822, Issue 1, 30.
37. ★ *One Plane for All: Massive Star-Forming and Quiescent Galaxies Lie on the Same Mass Fundamental Plane at $z \sim 0$ and $z \sim 0.7$*
Bezanson, R., Franx, M., van Dokkum, P. G. 2015, *ApJ*, Volume 799, Issue 2, 148.
36. ★ *Tight Correlations Between Massive Galaxy Structural Properties and Dynamics: The Mass Fundamental Plane Was in Place by $z \sim 2$*
Bezanson, R., van Dokkum, P. G., van de Sande, J., Franx, M., Leja, J., Kriek, M. 2013, *ApJL*, Volume 779, Issue 2, L21.
35. ★ *The Surprisingly Complex Lives of Massive Galaxies*
Bezanson, R. 2013, Proceedings of the F. N. Bash Symposium 2013, New Horizons in Astronomy (BASH 2013).
34. ★ *Massive and Newly Dead: Discovery of a Significant Population of Galaxies with High Velocity Dispersions and Strong Balmer Lines at $z \sim 1.5$ from Deep Keck Spectra and HST/WFC3 Imaging*
Bezanson, R., van Dokkum, P. G., van de Sande, J., Franx, M., Kriek, M. 2012, *ApJL*, Volume 764, Issue 1, L8.
33. ★ *Evolution of Quiescent and Star-Forming Galaxies Since $z \sim 1.5$ as a Function of their Velocity Dispersions*
Bezanson, R., van Dokkum, P. G., Franx, M. 2012, *ApJ*, Volume 760, Issue 1, 62.
32. ★ *Redshift Evolution of the Galaxy Velocity Dispersion Function*
Bezanson, R., van Dokkum, P. G., Franx, M., Brammer, G. B., Brinchmann, J., Kriek, M., Labbé, I., Quadri, R., Rix, H.-W., van de Sande, J., Whitaker, K. E., Williams, R. J. 2011, *ApJL*, Volume 737, Issue 2, L31.
31. ★ *The Relation Between Compact, Quiescent High-redshift Galaxies and Massive Nearby Elliptical Galaxies: Evidence for Hierarchical, Inside-Out Growth*
Bezanson, R., van Dokkum, P. G., Tal, T., Marchesini, D., Kriek, M., Franx, M., Coppi, P. 2009, *ApJ*, Volume 697, Issue 2, pp. 1290-1298.

30. *Stellar Dynamics and Star Formation Histories of $z \sim 1$ Radio-loud Galaxies*
Barišić, I., van der Wel, A., **Bezanson, R.**, Pacifici, C., Noeske, K., Muñoz-Mateos, J. C., Franx, M., Smolčić, V., Bell, E. F., Brammer, G., Calhau, J., Chauké, P., van Dokkum, P. G., van Houdt, J., Gallazzi, A., Labbé, I., Maseda, M. V., Muzzin, A., Sobral, D., Straatman, C. and Wu, P.-F., ApJ, Volume 847, Issue 1, 72.
29. *3D-HST: A Wide-field Grism Spectroscopic Survey with the Hubble Space Telescope*
Brammer, G. B., van Dokkum, P. G., Franx, M., Fumagalli, M., Patel, S., Rix, H.-W., Skelton, R. E., Kriek, M., Nelson, E., Schmidt, K. B., **Bezanson, R.**, da Cunha, E., Erb, D. K., Fan, X., Förster Schreiber, N., Illingworth, G. D., Labbé, I., Leja, J., Lundgren, B., Magee, D., Marchesini, D., McCarthy, P., Momcheva, I., Muzzin, A., Quadri, R., Steidel, C. C., Tal, T., Wake, D. A., Whitaker, K. E., Williams, A. 2012, ApJS, Volume 200, Issue 2, 13.
28. *Galaxy interactions trigger rapid black hole growth: An unprecedented view from the Hyper Suprime-Cam survey*
Goulding, A. D., Greene, J. E., **Bezanson, R.**, Greco, J., Johnson, S., Leauthaud, A., Matsuoka, Y., Medezinski, E., and Price-Whelan, A. M., 2018. PASJ, Volume 70, Issue S37.
27. ★ *Stellar and Molecular Gas Rotation in a Recently-Quenched Massive Galaxy at $z \sim 0.7$*
Hunt, Q., **Bezanson, R.**, Greene, J. E., Spilker, J. S., Suess, K. A., Kriek, M., Narayanan, D., Feldmann, R., van der Wel, A., and Pattarakijwanich, P., 2018, submitted to ApJL.
26. *A Nearby Analog of $z \sim 2$ Compact Quiescent Galaxies with a Rotating Disk*
Jiang, F., van Dokkum, P., **Bezanson, R.**, & Franx, M. 2012, ApJL, Volume 749, Issue 1, L10.
25. *Near-infrared Spectroscopy of Five Ultra-massive Galaxies at $1.7 < z < 2.7$*
Kado-Fong, E., Marchesini, D., Marsan, Z. C., Muzzin, A., Quadri, R., Brammer, G., **Bezanson, R.**, Labbé, I., Lundgren, B., Rudnick, G., Stefanon, M., Tal, T., Wake, D., Williams, R., Whitaker, K. and van Dokkum, P., ApJ, Volume 838, 57.
24. *Exploring the Chemical Link between Local Ellipticals and Their High-redshift Progenitors*
Leja, J., van Dokkum, P. G., Momcheva, I., Brammer, G. B., Skelton, R. E., Whitaker, K. E., Andrews, B. H., Franx, M., Kriek, M., van der Wel, A., **Bezanson, R.**, Conroy, C., Förster Schreiber, N., Nelson, E., Patel, S. G. 2013, ApJL, Volume 778, Issue 2, L24.
23. *Large-Scale Star Formation-Driven Outflows at $1 < z < 2$ in the 3D-HST Survey*
Lundgren, B. F., Brammer, G., van Dokkum, P., **Bezanson, R.**, Franx, M., Fumagalli, M., Momcheva, I., Nelson, E., Skelton, R. E., Wake, D. A., Whitaker, K., da Cunha, E., Erb, D. K., Fan, X., Kriek, M., Labbé, I., Marchesini, D., Patel, S., Rix, H. W., Schmidt, K., van der Wel, A. 2012, ApJ, Volume 760, Issue 1, 49.
22. *The 3D-HST Survey: Hubble Space Telescope WFC3/G141 Grism Spectra, Redshifts, and Emission Line Measurements for 22,548 Galaxies in the CANDELS fields*
Momcheva, I., Brammer, G. B., van Dokkum, P. G., Skelton, R. E., Whitaker, K. E., Nelson, E. J., Fumagalli, M., Maseda, M. V., Leja, J., Franx, M., Rix, H.-W., Bezanson, R., Da Cunha, E., Dickey, C., Förster Schreiber, N. M., Illingworth, G., Kriek, M., Labbé, I., Lange, J. U., Lundgren, B. F., Magee, D., Marchesini, D., Oesch, P., Pacifici, C., Patel, S. G., Price, S., Tal, T., Wake, D. A., van der Wel, A., Wuyts, S. 2015, submitted to ApJS.
21. *A Massive Galaxy in its Core Formation Phase Three Billion Years After the Big Bang*
Nelson, E. J., van Dokkum, P. G., Franx, M., Brammer, G., Momcheva, I., Förster Schreiber, N., da Cunha, E., Tacconi, L., **Bezanson, R.**, Leja, J., Rix H.-W., Skelton, R., van der Wel, A., Whitaker, K., Wuyts, S. 2014, Nature, Volume 513, Issue 7518, pp. 394-397.
20. *Spatially Resolved $H\alpha$ Maps and Sizes of 57 Strongly Star-forming Galaxies at $z \sim 1$ from 3D-HST: Evidence for Rapid Inside-out Assembly of Disk Galaxies*
Nelson, E. J., van Dokkum, P. G., Brammer, G., Förster Schreiber, N., Franx, M., Fumagalli, M., Patel, S., Rix, H.-W., Skelton, R. E., **Bezanson, R.**, da Cunha, E., Kriek, M., Labbé, I., Lundgren, B. F., Quadri, R., Schmidt, K. B. 2012, ApJL, Volume 747, Issue 2, L28.
19. ★ *Low Gas Fractions Connect Compact Star-forming Galaxies to Their $z \sim 2$ Quiescent Descendants*
Spilker, J. S., **Bezanson, R.**, Marrone, D. P., Weiner, B. J., Whitaker, K. E. and Williams, C. C., ApJ, Volume 832, 19.
18. ★ *Massive Quenched Galaxies at $z \sim 0.7$ Retain Large Molecular Gas Reservoirs*
Suess, K. A., **Bezanson, R.**, Spilker, J. S., Kriek, M., Greene, J. E., Feldmann, R., Hunt, Q. and Narayanan, D., ApJL, Volume 846, L14.
17. *3D-HST WFC3-selected Photometric Catalogs in the Five CANDELS/3D-HST Fields: Photometry, Photometric Redshifts and Stellar Masses*
Skelton, R., Whitaker, K., Momcheva, I., Brammer, G., van Dokkum, P. G., Labbé, I., Franx, M., van der Wel, A., **Bezanson, R.**, da Cunha, E., Fumagalli, M., Förster Schreiber, N., Kriek, M., Leja, J., Lundgren, B., Magee, D.,

- Marchesini, D., Maseda, M., Nelson, E., Oesch, P., Pacifici, C., Patel, S., Price, S., Rix, H.-W., Tal, T., Wake, D., Wuyts, S. 2014, *ApJS*, Volume 214, Issue 2, 24.
16. *The Frequency of Tidal Features Associated with Nearby Luminous Elliptical Galaxies From a Statistically Complete Sample*
Tal, T., van Dokkum, P. G., Nelan, J., **Bezanson, R.**, 2009, *AJ*, Volume 138, Issue 5, 1417-1427.
 15. *The Relation between Dynamical Mass-to-Light Ratio and Color for Massive Quiescent Galaxies out to $z \sim 2$ and Comparison with Stellar Population Synthesis Models*
van de Sande, J., Kriek, M., Franx, M., **Bezanson, R.**, van Dokkum, P. G. 2014, accepted to *ApJ*, arXiv:1411.5363.
 14. *The Fundamental Plane of Massive Quiescent Galaxies out to $z \sim 2$*
van de Sande, J., Kriek, M., Franx, M., **Bezanson, R.**, van Dokkum, P. G. 2014, *ApJL*, Volume 793, Issue 2, L31.
 13. *The Stellar Kinematics of $z \sim 2$ Galaxies and the Inside-Out Growth of Quiescent Galaxies*
van de Sande, J., Kriek, M., Franx, M., van Dokkum, P. G., **Bezanson, R.**, Quadri, R. F., Rix, H.-W., Skelton, R. E., 2013, *ApJ*, Volume 771, Issue 2, 85.
 12. *The Stellar Velocity Dispersion of a Compact Massive Galaxy at $z = 1.80$ Using X-Shooter: Confirmation of the Evolution in the Mass-Size and Mass-Dispersion Relations*
van de Sande, J., Kriek, M., Franx, M., van Dokkum, P. G., **Bezanson, R.**, Whitaker, K. E., Brammer, G., Labbé, I., Groot, P. J., Kaper, L. 2011, *ApJL*, Volume 736, Issue 1, L9.
 11. *Forming Compact Massive Galaxies*
van Dokkum, P. G., Nelson, E. J., Franx, M., Oesch, P., Momcheva, I., Brammer, G., Förster Schreiber, N. M., Skelton, R. E., Whitaker, K. E., van der Wel, A., **Bezanson, R.**, Fumagalli, M., Illingworth, G. D., Kriek, M., Leja, J., Wuyts, S., *ApJ*, Volume 813, Issue 1, 23.
 10. *★Dense Cores in Galaxies Out to $z = 2.5$ in SDSS, UltraVISTA, and the Five 3D-HST/CANDELS Fields*
van Dokkum, P. G., **Bezanson, R.**, van der Wel, A., Nelson, E., Momcheva, I., Skelton, R., Whitaker, K., Brammer, G., Conroy, C., Förster Schreiber, N., Fumagalli, M., Kriek, M., Labbé, I., Leja, J., Marchesini, D., Muzzin, A., Oesch, P., Wuyts, S. 2014, *ApJ*, Volume 791, Issue 1, 45.
 9. *First Results from the 3D-HST Survey: The Striking Diversity of Massive Galaxies at $z > 1$*
van Dokkum, P. G., Brammer, G., Fumagalli, M., Nelson, E., Franx, M., Rix, H.-W., Kriek, M., Skelton, R. E., Patel, S., Schmidt, K. B., **Bezanson, R.**, Bian, F., da Cunha, E., Erb, D. K., Fan, X., Förster Schreiber, N., Illingworth, G. D., Labbé, I., Lundgren, B., Magee, D., Marchesini, D., McCarthy, P., Muzzin, A., Quadri, R. F., Steidel, C. C., Tal, T., Wake, D. A., Whitaker, K. E., Williams, A. 2011, *ApJL*, Volume 743, Issue 1, L15.
 8. *The Growth of Massive Galaxies Since $z = 2$*
van Dokkum, P. G., Whitaker, K. E., Brammer, G., Franx, M., Kriek, M., Labbé, I., Marchesini, D., Quadri, R., **Bezanson, R.**, Illignworth, G. D., Muzzin, A., Rudnick, G., Tal, T., Wake, D. A. 2010, *ApJ*, Volume 709, Issue 2, 1018-1041.
 7. *The Velocity Function of Dark Matter Halos at $r=20$ kpc Evolves Remarkably Little Since $z \approx 4$.*
Weinmann, S. M., Franx, M., van Dokkum, P. G., **Bezanson, R.**, 2013, *ApJL*, Volume 767, L21.
 6. *Morphology Dependence of Stellar Age in Quenched Galaxies at Redshift ~ 1.2 : Massive Compact Galaxies Are Older than More Extended Ones*
Williams, C. C., Giavalisco, M., **Bezanson, R.**, Cappelluti, N., Cassata, P., Liu, T., Lee, B., Tundo, E. and Vanzella, E., *ApJ*, Volume 838, 94.
 5. *★ Predicting Quiescence: The Dependence of Specific Star Formation Rate on Galaxy Size and Central Density at $0.5 < z < 2.5$*
Whitaker, K. E., **Bezanson, R.**, van Dokkum, P. G., Franx, M., van der Wel, A., Brammer, G., Förster-Schreiber, N. M., Giavalisco, M., Labbé, I., Momcheva, I. G., Nelson, E. J. and Skelton, R., *ApJ*, Volume 838, 19.
 4. *Galaxy Structure as a Driver of the Star Formation Sequence Slope and Scatter*
Whitaker, K. E., Franx, M., **Bezanson, R.**, Brammer, G. B., van Dokkum, P. G., Kriek, M. T., Labbe, I., Leja, J., Momcheva, I. G., Nelson, E. J., Rigby, J. R., Rix, H.-W., Skelton, R. E., van der Wel, A., Wuyts, S., *ApJL*, Volume 811, Issue 1, L12.
 3. *A Large Population of Massive Compact Post-starburst Galaxies at $z > 1$: Implications for the Size Evolution and Quenching Mechanism of Quiescent Galaxies*
Whitaker, K. E., Kriek, M., van Dokkum, P. G., **Bezanson, R.**, Brammer, G., Franx, M., Labbé, I. 2012, *ApJ*, Volume 745, Issue 2, 179.

2. *The NEWFIRM Medium-band Survey: Photometric Catalogs, Redshifts, and the Bimodal Color Distribution of Galaxies out to $z \sim 3$*
Whitaker, K. E., Labbé, I., van Dokkum, P. G., Brammer, G., Kriek, M., Marchesini, D., Quadri, R. F., Franx, M., Muzzin, A., Williams, R. J., **Bezanson, R.**, Illingworth, G. D., Lee, K.-S., Lundgren, B., Nelson, E. J., Rudnick, G., Tal, T., Wake, D. A. 2011, ApJ, Volume 735, Issue 2, 86.
1. *The Age Spread of Quiescent Galaxies with the NEWFIRM Medium-band Survey: Identification of the Oldest Galaxies Out to $z \sim 2$*
Whitaker, K. E., van Dokkum, P. G., Brammer, G., Kriek, M., Franx, M., Labbé, I., Marchesini, D., Quadri, R. F., **Bezanson, R.**, Illingworth, G. D., Lee, K.-S., Muzzin, A., Rudnick, G., Wake, D. A. 2010, ApJ, Volume 719, Issue 2, pp. 1715-1732.

ADDITIONAL PUBLICATIONS

2. *Why astronomy programs are moving on from the physics GRE*
Levesque, Emily M., **Bezanson, Rachel**, and Tremblay, Grant, Physics Today,
physicstoday.scitation.org/doi/10.1063/PT.5.9090.
 1. *Physics GRE Scores of Prize Postdoctoral Fellows in Astronomy*
Levesque, Emily M., **Bezanson, Rachel**, and Tremblay, Grant, arXiv:1512.03709.
-