Curriculum Vitae

MICHAEL BOYLAN-KOLCHIN

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POSITIONS

The University of Texas at Austin, Department of Astronomy
Associate Professor (2019 – present)
Assistant Professor (2015 – 2019)

University of Maryland, Department of Astronomy
Assistant Professor (2013 – 2015)

University of California, Irvine, Department of Physics and Astronomy
Southern California Center for Galaxy Evolution Fellow (2010 – 2013)

Max-Planck-Institut für Astrophysik (Garching, Germany)
Postdoctoral Fellow (2007 – 2010)

EDUCATION

Ph.D. in Physics, *University of California, Berkeley*: December 2006
B.A. in Astrophysics, *magna cum laude* (concentration in Mathematics), *Columbia University*: May 2001

PROFESSIONAL ACTIVITIES AND RECOGNITION

- **Referee** for *Astronomy & Astrophysics*, *The Astrophysical Journal*, *Computational Astrophysics and Cosmology*, *Journal of Cosmology and Astroparticle Physics*, *Monthly Notices of the Royal Astronomy Society*, *Nature*, *Nature Astronomy*, *Physical Review D*, and *Science*
- **Proposal reviewer** for NASA, NSF, *Hubble Space Telescope*, Research Corporation for Science Advancement (Cottrell Scholars Program), Deutsche Forschungsgemeinschaft, European Research Council, Swiss National Supercomputing Center, German-Israeli Foundation, Natural Sciences and Engineering Research Council of Canada, FONDECYT (Chile), the Netherlands Organisation for Scientific Research, Partnership for Advanced Computing in Europe, and the Swedish National Space Board
- **Member**, Decadal Survey on Astronomy and Astrophysics (Astro2020) Panel on Galaxies
- **National Science Foundation CAREER (Faculty Early Career Development) Award** (2018)

SELECTED PUBLICATIONS (**9,423 citations, h-index=47** via SAO/NASA Astrophysics Data System on 2019.09.12)

The Little Engines That Could? Globular Clusters Contribute Significantly to Reionization-era Star Formation
M. Boylan-Kolchin (2018), MNRAS, **479**, 332

FIRE *in the Field: Simulating the Threshold of Galaxy Formation*
A. Fitts, **M. Boylan-Kolchin**, et al. (2017), MNRAS, **471**, 3547

Small-Scale Challenges to the ΛCDM Model
J. Bullock & **M. Boylan-Kolchin** (2017), Ann. Rev. Astron. Astrophys., **55**, 343

The Local Group: The Ultimate Deep Field
M. Boylan-Kolchin, D. Weisz, J. Bullock, M. Cooper (2016), MNRAS, **462**, L51

Too Big to Fail? The Puzzling Darkness of Massive Milky Way Subhalos
M. Boylan-Kolchin, J. Bullock, M. Kaplinghat (2011), MNRAS, **415**, L40

Resolving Cosmic Structure Formation with the Millennium-II Simulation
M. Boylan-Kolchin, V. Springel, S. D. M. White, A. Jenkins, G. Lemson (2009), MNRAS, **398**, 1150