

## Curriculum Vitae

### MICHAEL BOYLAN-KOLCHIN

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#### ACADEMIC POSITIONS

**The University of Texas at Austin**, Department of Astronomy

Professor (from September 2023)  
Associate Professor (2019 – 2023)  
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*, *Physical Review Letters*, and *Science*
- **Proposal reviewer** for NASA, NSF, *Hubble Space Telescope*, Alfred P. Sloan Foundation, RCSA (Cottrell Scholars Program), ERC (Europe), DFG (Germany), SNSF (Switzerland), CSCS (Switzerland), German-Israeli Foundation, NSERC (Canada), FONDECYT (Chile), NWO (The Netherlands), PRACE (Europe), ISF (Israel), SNSB (Sweden), and The Royal Society (UK)
- **Member**, 2020 Decadal Survey on Astronomy & Astrophysics (Astro2020) Panel on Galaxies, NAS
- **National Science Foundation CAREER (Faculty Early Career Development) Award** (2018)
- **Web of Science** / **Publons Highly Cited Researcher** (2021)

**SELECTED PUBLICATIONS** (16,232 citations, *h-index*=63 via [SAO/NASA Astrophysics Data System](#) on 2023.02.24)

*Uncertain Times: The Redshift–Time Relation from Cosmology and Stars*

M. Boylan-Kolchin, D. Weisz (2021), *MNRAS*, **505**, 2764

*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  $\Lambda$ CDM Model*

J. Bullock & M. Boylan-Kolchin (2017), *Ann. Rev. Astron. Astrophys.*, **55**, 343

*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