# Curriculum Vitae

MICHAEL BOYLAN-KOLCHIN

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## ACADEMIC POSITIONS

**The University of Texas at Austin**, Department of Astronomy
Samuel T. and Fern Yanagisawa Regents Professor (2024 –)
Professor (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). **Advisor:** James S. Bullock

**Max-Planck-Institut für Astrophysik** (Garching, Germany)
Postdoctoral Fellow (2007 – 2010). **Advisor:** Simon D. M. White

## EDUCATION

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

## PROFESSIONAL ACTIVITIES AND RECOGNITION

- **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 (total: **22,337 citations,** *h*-**index=77** via NASA Astrophysics Data System on 2025.07.06)

*Accelerated by Dark Matter: a High-redshift Pathway to Efficient Galaxy-scale Star Formation*
**M. Boylan-Kolchin** MNRAS, **538**, 3210 (19 citations)

*Stress Testing ΛCDM with High-redshift Galaxy Candidates*
**M. Boylan-Kolchin** (2023), Nature Astronomy, **7**, 731 (305 citations)

*Uncertain Times: The Redshift–Time Relation from Cosmology and Stars*
**M. Boylan-Kolchin**, D. Weisz (2021), MNRAS, **505**, 2764 (42 citations)

FIRE *in the Field: Simulating the Threshold of Galaxy Formation*
A. Fitts, **M. Boylan-Kolchin**, et al. (2017), MNRAS, **471**, 3547 (237 citations)

*Small-Scale Challenges to the ΛCDM Model*
J. Bullock & **M. Boylan-Kolchin** (2017), Ann. Rev. Astron. Astrophys., **55**, 343 (1300 citations)

*Too Big to Fail? The Puzzling Darkness of Massive Milky Way Subhalos*
**M. Boylan-Kolchin**, J. Bullock, M. Kaplinghat (2011), MNRAS, **415**, L40 (1260 citations)

*Resolving Cosmic Structure Formation with the Millennium-II Simulation*
**M. Boylan-Kolchin**, V. Springel, S. White, A. Jenkins, G. Lemson (2009), MNRAS, **398**, 1150 (832 citations)