

Curriculum Vitae

MICHAEL BOYLAN-KOLCHIN

The University of Texas at Austin
Department of Astronomy
2515 Speedway, Stop C1400
Austin, TX 78712-1205

telephone: 512.471.3343
fax: 512.471.6016
email: mbk@astro.as.utexas.edu
web: <https://mrbk.github.io>

ACADEMIC POSITIONS

The University of Texas at Austin, Department of Astronomy

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)

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 (total: 18,775 citations, *h-index*=68 via [NASA Astrophysics Data System](#) on 2024.04.16)

Stress Testing Λ CDM with High-redshift Galaxy Candidates

M. Boylan-Kolchin (2023), [Nature Astronomy](#), **7**, 731 (173 citations)

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

M. Boylan-Kolchin, D. Weisz (2021), [MNRAS](#), **505**, 2764 (32 citations)

FIRE in the Field: Simulating the Threshold of Galaxy Formation

A. Fitts, **M. Boylan-Kolchin**, et al. (2017), [MNRAS](#), **471**, 3547 (201 citations)

Small-Scale Challenges to the Λ CDM Model

J. Bullock & **M. Boylan-Kolchin** (2017), [Ann. Rev. Astron. Astrophys.](#), **55**, 343 (1069 citations)

Too Big to Fail? The Puzzling Darkness of Massive Milky Way Subhalos

M. Boylan-Kolchin, J. Bullock, M. Kaplinghat (2011), [MNRAS](#), **415**, L40 (1186 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 (787 citations)