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
http://www.as.utexas.edu/~mbk

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 (**16,509 citations, h-index=64** via SAO/NASA Astrophysics Data System on 2023.04.12)

Stress Testing ΛCDM with High-redshift Galaxy Candidates
M. Boylan-Kolchin (2023), Nature Astronomy; DOI: 10.1038/s41550-023-01937-7

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

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

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