

## 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](mailto: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: 17,819 citations, *h-index*=67 via [NASA Astrophysics Data System](#) on 2023.11.09)

*Stress Testing  $\Lambda$ CDM with High-redshift Galaxy Candidates*

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

*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  $\Lambda$ 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