

## Jo Bovy

Department of Astronomy and Astrophysics

University of Toronto

Associate Professor

Canada Research Chair in Galactic Astrophysics

### Education and Training:

|                                |              |              |           |
|--------------------------------|--------------|--------------|-----------|
| Institute for Advanced Study   | Astrophysics | Postdoctoral | 2011–2015 |
| New York University            | Physics      | PhD          | 2006–2011 |
| Katholieke Universiteit Leuven | Physics      | MA           | 2001–2005 |

### Appointments:

|                     |                            |   |
|---------------------|----------------------------|---|
| Associate Professor | Astronomy & Astrophysics   | University of Toronto, 2020–present     |
| Assistant Professor | Astronomy & Astrophysics   | University of Toronto, 2015–2020        |
| Consultant          | Cent. Comput. Astrophys.   | Flatiron Institute, 2016–2017           |
| Long-term Member    | School of Natural Sciences | Institute for Advanced Study, 2011–2015 |

### Selected Honors and Awards:

Rutherford Memorial Medal (Physics), Royal Society of Canada, 2021

Helen B. Warner Prize for Astronomy, American Astronomical Society, 2019

Vera Rubin Early Career Prize, Division on Dynamical Astronomy (AAS), 2019

Alfred P. Sloan Fellow, 2016

Canada Research Chair in Galactic Astrophysics (Tier 2), 2015 (renewed 2020)

Hubble Fellowship, John N. Bahcall Fellowship, Institute for Advanced Study, 2011–2015

Price Prize in Cosmology and AstroParticle Physics, Ohio State University, 2010

### Selected Professional Activities and Affiliations:

Publication summary:  $\geq 143$  refereed papers,  $\gtrsim 25,000$  citations,  $h$ -index:  $\geq 77$

Member of SDSS-IV, SDSS-V, CFIS, LSST, Euclid and CASTOR surveys

Chair, APOGEE-1 Science Working Group, 2014–2015

Creator and maintainer of `galpy`, a Python library for galactic dynamics for use in education and advanced-dynamics computations; used in  $> 500$  papers

### Research Grants:

|       |               |   |
|-------|---------------|---|
| PI    | 165,000 CAD   | NSERC Discovery Grant<br>The Milky Way's disk in the age of <i>Gaia</i> , 2015–2020   |
| PI    | 500,000 CAD   | Canada Research Chair in Galactic Astrophysics (Tier 2), 2015–2020  |
| PI    | 140,000 CAD   | Ontario Early Researcher Award, 2017–2022   |
| PI    | 28,000 CAD    | UCL - U of T Collaborative Projects and Exchange Activities<br>(w/ Daisuke Kawata), 2017–2019                                     |
| PI    | 120,000 CAD   | HQP Pooled Resources funding, McDonald Institute, 2020–2022   |
| PI    | 425,000 CAD   | NSERC Discovery Grant (incl. Discovery Accelerator Supplement)<br>Galaxy evolution at high resolution in the Milky Way, 2020–2025 |
| PI    | 500,000 CAD   | Canada Research Chair in Galactic Astrophysics (Tier 2), 2020–2025  |
| PI    | 269,747 CAD   | (equiv.) Resources for Research Groups, Compute Canada, 2020–2024   |
| <hr/> |               |   |
|       | 2,147,747 CAD | Total   |