

Jo Bovy

Department of Astronomy and Astrophysics

University of Toronto

Associate Professor

Canada Research Chair in Galactic Astrophysics

Education and Training:

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

Appointments:

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|---------------------|----------------------------|---|
| 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:

Member of the College of New Scholars, Artists and Scientists, Royal Society of Canada, 2023

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)

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

Selected Professional Activities and Affiliations:

Publication summary: ≥ 165 refereed papers, $\gtrsim 32,000$ citations, h -index: ≥ 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 > 600 papers

Research Grants:

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|-------|---------------|---|
| PI | 165,000 CAD | NSERC Discovery Grant The Milky Way's disk in the age of <i>Gaia</i> , 2015–2020 |
| PI | 1,000,000 CAD | Canada Research Chair in Galactic Astrophysics (Tier 2), 2015–2025 |
| PI | 140,000 CAD | Ontario Early Researcher Award, 2017–2022 |
| PI | 28,000 CAD | UCL - U of T Collaborative Projects and Exchange Activities (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) Galaxy evolution at high resolution in the Milky Way, 2020–2025 |
| PI | 288,072 CAD | (equiv.) Resources for Research Groups, Compute Canada, 2020–2025 |
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| | 2,147,747 CAD | Total |