

Jo Bovy

Department of Astronomy and Astrophysics

University of Toronto

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:

Professor	Astronomy & Astrophysics	University of Toronto, 2024–present
Associate Professor	Astronomy & Astrophysics	University of Toronto, 2020–2024
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:

Steacie Prize, 2024

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, $\gtrsim 36,000$ citations, h -index: ≥ 81

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 > 900 papers

Research Grants:

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	124,000 CAD	HQP Pooled Resources funding, McDonald Institute, 2020–2022
PI	486,000 CAD	NSERC Discovery Grant (incl. Discovery Accelerator Supplement) Galaxy evolution at high resolution in the Milky Way, 2020–2026
PI	306,745 CAD	(equiv.) Resources for Research Groups, Compute Canada, 2020–2026
(co-)PI	88,000 CAD	Internal UofT funding programs, 2017–2025
2,309,745 CAD		Total