

Sean M. Andrews

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Professional Appointments

2024 –	Senior Astrophysicist, Smithsonian Astrophysical Observatory
2019 –	Director, Radio Telescope Data Center (at SAO)
2010 –	Lecturer, Harvard University Department of Astronomy
2010 – 2024	Astrophysicist, Smithsonian Astrophysical Observatory
2007 – 2010	NASA Hubble Fellow, Smithsonian Astrophysical Observatory
2002 – 2007	Research Assistant, University of Hawaii Institute for Astronomy
2001 – 2002	Teaching Assistant, University of Hawaii Department of Physics & Astronomy
1998 – 2001	Research Assistant, Northwestern University Department of Physics & Astronomy
2000	NASA Summer Intern, Northwestern University Dearborn Observatory
1999	NSF (REU) Summer Intern, National Radio Astronomy Observatory

Education

2007	Ph.D. Astronomy, University of Hawai'i at Manoa
2003	M.S. Astronomy, University of Hawai'i at Manoa
2001	B.A. Physics (Honors) and Mathematics, Northwestern University

Research Interests

- o Planet formation: structures, dynamics, and evolution of protoplanetary disks
- o Aperture synthesis observations and techniques at (sub)mm to radio frequencies
- o Continuum and molecular line radiative transfer modeling

Honors and Awards

2022 – 2023	Web of Science / Clarivate, Highly Cited Researcher (top 1%, Space Sciences)
2018	Invited Discourse, XXX IAU General Assembly
2017	Secretary's Research Prize, Smithsonian Institution
2017	Beatrice Tinsley Visiting Scholar, University of Texas at Austin
2010	Secretary's Research Prize, Smithsonian Institution
2010	Paul Hertelendy (pH) prize, Harvard-Smithsonian Center for Astrophysics
2007	Hubble Fellowship, NASA
2004	Graduate Student Research Program Fellowship, NASA