

Sean M. Andrews

Center for Astrophysics | Harvard & Smithsonian, 60 Garden Street, MS 42, Cambridge, MA 02138, USA
Phone: +1-617-496-7645; Fax: +1-617-495-7345

Email: sandrews@cfa.harvard.edu; Web: <http://www.cfa.harvard.edu/~sandrews>

Positions

- since* 2010 Astrophysicist, Smithsonian Astrophysical Observatory
- since* 2010 Lecturer on Astronomy, Harvard University
- since* 2019 Director, Radio Telescope Data Center (at SAO)
- 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 Hawaii
Dissertation: *Submillimeter Constraints on Circumstellar Disk Evolution*
(advisor: Prof. Jonathan Williams)
- 2003 M.S. Astronomy, University of Astronomy
Theses: *The Irradiated Herbig-Haro Jets Near σ Orionis* (advisor: Prof. Bo Reipurth)
LkHa 101 and the Young Cluster in NGC 1579 (advisor: Prof. George Herbig)
- 2001 B.A. Physics and Mathematics, Northwestern University
Honors thesis: *Small-Scale Interstellar Structure Toward M92* (advisor: Prof. David Meyer)

Research Interests

- Structure and evolution of protoplanetary disks
- Planet formation, planet-disk interactions, and debris disks
- Fundamental physical parameters of young stars
- Aperture synthesis observations and techniques at radio frequencies
- Continuum and molecular line radiative transfer modeling

Honors and Awards

- 2018 Invited Discourse, International Astronomical Union 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 Lecturer, Harvard-Smithsonian CfA
- 2007 – 2010 Hubble Fellowship, NASA
- 2004 – 2007 Graduate Student Research Program Fellowship, NASA