

# Sean M. Andrews

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## POSITIONS

2010-present Astrophysicist, Smithsonian Astrophysical Observatory  
2010-present Lecturer on Astronomy, Harvard University  
2007-2010 Hubble Fellow, Smithsonian Astrophysical Observatory  
  
2002-2007 Research Asst., University of Hawaii Institute for Astronomy  
2001-2002 Teaching Asst., University of Hawaii Department of Physics & Astronomy  
1998-2001 Research Asst., 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*  
  
2003 M.S. Astronomy, University of Hawaii  
thesis: *The Irradiated Herbig-Haro Jets Near  $\sigma$  Orionis*  
  
2001 B.A. Physics and Mathematics, Northwestern University  
honors thesis: *Small-Scale Interstellar Structure Toward M92*

## RESEARCH INTERESTS

- structure and evolution of protoplanetary disks
- planet formation, planet-disk interactions, and debris disks
- aperture synthesis observations and techniques at mm/radio frequencies
- continuum and molecular line radiative transfer modeling
- fundamental physical parameters of young stars

## HONORS AND AWARDS

2017 Beatrice M. Tinsley Research Scholar, University of Texas  
2010 Secretary's Research Prize, Smithsonian Institution  
2010 Paul Hertelendy (pH) Lecturer, Harvard-Smithsonian CfA  
2007-2010 Hubble Fellowship, NASA  
2004-2007 Graduate Student Research Program Fellowship, NASA