

DOUGLAS FINKBEINER

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PERSONAL: Born 31 March, 1971, US citizen, married

EDUCATION: Ph.D., Physics, University of California at Berkeley, 1999 (Uhl Thesis Award)
M.A., Physics, University of California at Berkeley, 1996
B.S., Physics and German, University of Michigan, 1994 (with highest honors)

POSITIONS:

Harvard-Smithsonian Center for Astrophysics, Harvard University; July, 2006 – present
Position: Assistant Professor

Dept. Astrophysical Sciences, Princeton University; July, 2001 – July, 2006
Position: Hubble Fellow (through 6/03), Russell-Cotsen Fellow (starting 7/03)

University of California, Berkeley; May, 1999 – June, 2001
Position: Postdoc (NASA ADP); Hubble Fellow, 7/2000 - 6/2001

RESEARCH INTERESTS:

- Observable consequences of dark matter annihilation
- Interstellar dust and ionized gas as CMB foregrounds
- Galactic evolution, cosmic infrared background
- Large-scale structure, deep redshift surveys (SDSS, DEEP2, PS1)

OBSERVING EXPERIENCE:

- Extensive experience with WMAP, COBE (DIRBE, FIRAS, DMR) and IRAS data
- Optical photometry (30 nights at Lick, 8 nights at CTIO)
- Radio continuum observations (9 days, Green Bank 140 foot; 48 hours GBT)
- Member of DEEP2 survey and SDSS

RESEARCH GRANTS:

7/03 - 2/09 “Exploring the ISM with MAP: The Microwave Emission from Spinning Dust”
NASA/LTSA 02-0058-0036 (PI): \$480,000
10/98 - 9/01 “Studies of Dust Emission as Measured by DIRBE and IRAS”
NASA/ADP NAG5-7833 (Co-I with Marc Davis): \$235,000

AWARDS and FELLOWSHIPS

- 2005 Charles H. Townes Symposium Award (\$10,000 prize)
- 2003 Cotsen Fellowship, Princeton Society of Fellows
- 2003 Henry Norris Russell Fellowship
- 2000-03 – Hubble Postdoctoral Fellowship
- 1999 – Uhl Award – UC Berkeley – for Ph.D. Thesis Research
- 1994-97 – NSF Graduate Fellowship