

DOUGLAS FINKBEINER

ADDRESS: Harvard-Smithsonian Center for Astrophysics February, 2008
60 Garden St, MS 51 dfinkbeiner@cfa.harvard.edu
Cambridge, MA 02138, USA www.cfa.harvard.edu/~dfinkbei

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 6/2003), Russell-Cotsen Fellow (starting 7/2003)

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

FUNDING:

7/2003 - 6/2008 “Exploring the ISM with *WMAP*: The Microwave Emission from Spinning Dust”
NASA/LTSA 02-0058-0036 (PI): \$480,000
10/1998 - 9/2001 “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)
- 2003-06 Princeton Society of Fellows
- 2000-03 Hubble Fellowship
- 1994-97 NSF Graduate Fellowship

SELECTED PUBLICATIONS: (out of 57 refereed)

- “Extended Anomalous Foreground Emission in the *WMAP* 3-Year Data,”
G. Dobler & **D. P. Finkbeiner** 2008, *Astrophys. J. in press* and arXiv:0712.1038
- “Evidence of Dark Matter Annihilation in the *WMAP* haze,”
D. Hooper, **D. P. Finkbeiner**, & G. Dobler 2007, *Phys. Rev. D*, 76, 083012; arXiv:0705.3655
- “Exciting Dark Matter and the INTEGRAL/SPI 511 keV signal,”
D. P. Finkbeiner & Neal Weiner 2007, *Phys. Rev. D*, 76, 083519; astro-ph/0702587
- “Detecting Dark Matter Annihilation with CMB Polarization : Signatures and Experimental Prospects,” N. Padmanabhan & **D. P. Finkbeiner** 2005, *Phy. Rev. D*, 72, 023508
- “Microwave ISM Emission Observed by *WMAP*,” **D. P. Finkbeiner** 2004, *Ap. J.*, 614, 186
- “Maps of Dust IR Emission for Use in Estimation of Reddening and CMBR Foregrounds,”
D. J. Schlegel, **D. P. Finkbeiner**, & Marc Davis 1998, *Astrophys. J.*, 500, 525
(*this paper has been cited over 4000 times*)