

Antony A. Stark
Harvard-Smithsonian Center for Astrophysics
60 Garden Street, MS-78
Cambridge, MA 02138
(617) 496-7648
aas@cfa.harvard.edu

Education:

1975 B.S. with Honors, Physics and Astronomy, California Institute of Technology
1977 M.A., Astrophysical Sciences, Princeton University
1979 Ph.D., Astrophysical Sciences, Princeton University

Professional history:

1991– *Astronomer*, Harvard-Smithsonian Center for Astrophysics
1989– *Principal Investigator*, Antarctic Submillimeter Telescope and Remote Observatory
1980–1992 *Visiting Lecturer*, Department of Astrophysical Sciences, Princeton University
1979–1991 *Member of Technical Staff*, Radio Physics Research Department, Bell Laboratories, Holmdel, NJ
1976 *Physicist*, Lawrence Livermore National Laboratory
1975 *Summer Student*, Lawrence Livermore National Laboratory
1974–1975 *Programmer*, Space Radiation Laboratory, Caltech
1973 *Observing Assistant*, Owens Valley Radio Observatory, Big Pine, CA
1972–1973 *Research Assistant*, Kellogg Radiation Laboratory, Caltech

Proposal-related publications:

Stark, A. A., Bally, J., Balm, S. P., Bania, T. M., Bolatto, A. D., Chamberlin, R. A., Engargiola, G., Huang, M., Ingalls, J. G., Jacobs, K., Jackson, J. M., Kooi, J. W., Lane, A. P., Lo, K.-Y., Marks, R. D., Martin, C. L., Mumma, D., Ojha, R., Schieder, R., Stagnuhn, J., Stutzki, J., Walker, C. K., Wilson, R. W., Wright, G. A., Zhang, X., Zimmermann, P., and Zimmermann, R. 2001, “The Antarctic Submillimeter Telescope and Remote Observatory (AST/RO)”, *PASP*, 113, 567.

Stark, A. A., Chamberlin, R. A., Cheng, J., Ingalls, J. G., and Wright, G. A. 1997, “The Optical and Mechanical Design of the Antarctic Submillimeter Telescope and Remote Observatory”, *Rev. Sci. Instr.*, 68, 2200.

Martin, C. L., Walsh, W. M., Xiao, K., Lane, A. P., Walker, C. K., and Stark, A. A. 2004 “The AST/RO Survey of the Galactic Center Region. I. The Inner 3 Degrees”, *ApJS*, 150, 239.

Stark, A. A. & Lee, Y. 2005 “The Scale Height of Giant Molecular Clouds is Less than That of Smaller Clouds”, *ApJ*, 619L, 159.

Bally, J., Stark, A. A., Wilson, R. W., and Henkel, C. 1988, “Galactic Center Molecular Clouds. II. Distribution and Kinematics”, *ApJ*, 324, 223.