

Former NRAO Student Program Participants

Those with astronomical careers or still active in the field of astronomy.

The success of the NRAO student program over the years can, in part, be judged by the number of its participants who continued on in the field of astronomy. This list is offered as partial testimony of the program's impact. We note in particular past and current members of the NRAO staff with their names shown in **bold print**. The list below shows a total of 380 former students and is updated to include the summer 2011 students (which should all at least be in graduate school).

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Brooks, L.	1959	1960	1961	
Hobbs, R.	1959	1960		
Carter, J.	1959			
McClusky, G.	1959			
Waltman, W.	1959			
Gundermann, E.	1960	1961	1962	
Brundage, W.	1960	1961		
Adler, C.	1960			
Belton, M.	1960			
Capriotti, E.	1960			
Dickel, J. R.	1960			
Hobbs, L.	1960			
Beyer (Waltman), E.	1961			
Fomalont, E.	1961			
Seidelmann, K.	1961			
Usher, P.	1961			
Weinreb, S.	1961			
DeJong, M.	1962	1963		
Heiles, C.	1962	1963		
Terzian, Y.	1962	1963		
Barnes, R.	1962			
Gaposchkin, P.	1962			
Haas, R.	1962			
Hall, D.	1962			
MacLeod, J.	1962			
Moran, J.	1962			
Burns, W.	1963			
Chambliss, C.	1963			
Linsky, J.	1963			
Aller, H.	1964			
Conklin, E.	1964			
Ewing, M.	1964			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Friedel (Aller), M.	1964			
Havlen, R.	1964			
Thacker, D.	1965	1966	1967	
Gordon, K.	1965	1966		
Gordon, R.	1965			
Moyd, K.	1965			
Remage (Evans), N.	1965			
Shaffer, D.	1966	1967	1968	1969
Purcell, G.	1966	1967		
Barnes, T.	1966			
Churchwell, E.	1966			
Ellis (Booth), S.	1966			
Fisher, R.	1966			
Schwartz, P.	1966			
Warren, J.	1966			
Neff, S. G.	1967	1977		
Davidson, A.	1967			
Hodge, P.	1967			
Knight, C.	1967			
Roberts, D. L.	1967			
Rubin, R. H.	1967			
Sanders, R. H.	1967			
Smith, M. A.	1967			
Waters, J. W.	1967			
Gallagher, J.	1968	1969	1970	
Balick, B.	1968	1969		
Chaisson, E.	1968			
Draine, B.	1968			
Gergely, T.	1968			
Jura, M.	1968			
Karp, A.	1968			
Molnar, M.	1968			
Witzel, A.	1968			
Pankonin, V.	1969	1970		
Ames, S.	1969			
Baldwin, J.	1969			
Cashdollar, K.	1969			
Nordsieck, K.	1969			
Owen, F.	1969			
Giovanelli, R.	1970	1971		
Hemenway, P.	1970			
Leung, C. M.	1970			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Peters, W.	1970			
Predmore, R.	1970			
Rots, A.	1970			
Schommer, R.	1970			
Greenberg, J.	1971	1974		
Boyle, R.	1971			
Dennison, B.	1971			
Dressel, L.	1971			
Freund, R.	1971			
Giguere, P.	1971			
Houck, R.	1971			
Koo, D.	1971			
Lada, C.	1971			
McMillan, R.	1971			
Mutel, R.	1971			
Smith, H.	1971			
Tapia, S.	1971			
Thuan, T.	1971			
Bania, T.	1972	1973		
Edwards, S.	1972			
Lockman, F. J.	1972			
Zook, A.	1972			
Hawley, S.	1973	1974		
Chester, T.	1973			
Malina, R.	1973			
Rubin (Young), J.	1973			
Burns, J. O.	1974	1975		
Jones, D.	1974	1975		
Balonek T. J.	1974			
Benson, J.	1974			
Gomez-Gonzales, J.	1974			
Haynes, M.	1974			
Stinebring, D.	1974			
Thorstensen, J.	1974			
Witten, E.	1974			
Brasunas, J. C.	1975			
Marscher, A. P.	1975			
Adams, M. T.	1976	1977		
Buta, R. J.	1976			
McGrath, M.	1976			
Peterson, B. M.	1976			
Urry, C. M.	1976			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Bothun, G.	1977			
Cioffi, D. F.	1977			
Vestrand, W. T.	1977			
Bertschinger, E.	1978			
Fiedler, J.	1978			
Hanisch, R.	1978			
Harris, A.	1978			
Heiligman, G. M.	1978			
Herter, T.	1978			
Keel, W.	1978			
Norrod, R.	1978			
Terebey, S.	1978			
Ulvestad, J.	1978			
Verter, F. A.	1978			
Biretta, J. A.	1979	1980		
Bujarrabal, V.	1979			
Lauer, T. A.	1979			
Mitchell, K. J.	1979			
Phinney, E. S.	1979			
Crocker, D.	1980	1981		
Blaha, C. A.	1980			
Hammond, S. E.	1980			
Hine, B. P.	1980			
Hough, D.	1980			
Kulkarni, S.	1980			
Lind, K. R.	1980			
Mateo, M.	1980			
O'Dea, C.	1980			
Bradley, R.	1981	1983		
Mighell, K. J.	1981			
Ratcliff, S. J.	1981			
Baum, S. A.	1983	1984		
Schmelz, J. T.	1983	1984		
Butner, H. M.	1983			
Hekkert, P.	1983			
Jannuzi, B. T.	1983			
Myers, S. T.	1983			
Shaklan, S. B.	1984	1985		
Carilli, C.	1984			
Greason, M. R.	1984			
Hibbard, J. E.	1984			
Knezek, P. M.	1984			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Murison, M.A.	1984			
Sault, R. J.	1984			
Clegg, A.W.	1985			
Hartmann, L.	1985			
Hennessy, G. S.	1985			
Lada, E.A.	1985			
Murphy, D.W.	1985			
McKinnon, M.	1986	1987		
Zhao, J. H.	1986			
Boisseau, J. R.	1987			
Johnston, M. L.	1987			
Mangum, J.	1987			
Plante, R. L.	1987			
Walker, M.	1987			
Wilcots, E. M.	1987			
Hillenbrand, L.A.	1988			
Hufnagel, B.	1988			
Marvel, K. B.	1988			
Murphy, E. M.	1988			
Shopbell, P. L.	1988			
Taylor, G.	1988			
Bower, G.	1989			
Ho, L. C.	1989			
Marson, R.	1989			
Masterman, M. F.	1989			
Sandquist, E. L.	1989			
Umurhan, O. M.	1989			
Fraye, D.	1990			
Gates, E.	1990			
Hunter, T.	1990			
Kobulnicky, C.	1990			
Maraziti, D.	1990			
Mioduszewski, A.	1990			
Murphy, E.	1990			
Rector, T.	1991	1992		
Uphoff, J.	1991			
Valente, M.	1991			
Broilo, B.	1992			
De Pree, C.	1992			
Dohm-Palmer, R.	1992			
King, N.	1992			
Moffett, D.	1992			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Murphy, T.	1992			
Rabaca, C.	1992			
Bloser, P.	1993			
Howk, J. C.	1993			
Weiss, B.	1993			
Shelton, A.	1994	1998		
Choi, P.	1994			
Gay, P.	1994			
Lang, C.	1994			
Palma, C.	1994			
Brauer, J.	1995			
Johnson, O.	1995			
Pisano, D. J.	1995			
Heinke, C.	1996			
Putman, M.	1996			
Ray, J.	1996			
Bloom, J.	1998			
Kaplan, D.	1998			
Shah, R.	1998			
Woodney, L.	1998			
Andrews, S.	1999			
Bambic, D.	1999			
Brogan, C.	1999			
Cheung, T.	1999			
Lystrup, M.	1999			
Murray, C.	1999			
Power, C.	1999			
Young, C.	1999			
Kohring, M.	2000	2001		
Berger, E.	2000			
Momjian, E.	2000			
Zauderer, A.	2000			
Anderson, J.	2001	2002		
Devine, K.	2001	2002		
Banda, J.	2001			
Bhasker, M.	2001			
Boley, A.	2001			
Donley, J.	2001			
Freeland, E.	2001			
Freismuth, T.	2001			
Kunz, M.	2001			
Robinson, P.	2001			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Stark, D.	2001			
Teng, S.	2001			
Wong, D.	2001			
Chollet, e.	2002			
Crossley, J.	2002			
Cull, S.	2002			
Cygnanowski, C.	2002	2008		
Kent, B.	2002			
Kortaltope, J.	2002			
Metzger, B.	2002			
Perley, D.	2002			
Peterson, K.	2002			
Petric, A.	2002			
Pollack, L.	2002			
Ly, C.	2003	2004		
Rau, U.	2003	2004		
Borders, T.	2003			
Chynoweth, C.	2003	2007		
Cool, R.	2003			
Cooper, J.	2003			
Geller, A.	2003			
Gawande, R.	2003			
Kaleida, C.	2003			
Mahmud, M.	2003			
Maness, H.	2003			
Martin, J.	2003			
Monsalvo, I.	2003			
Parashare, C.	2003			
Rubin, K.	2003			
Soderberg, A.	2003			
Spitler, L.	2003			
Wye, L.	2003			
Gugliucci, N.	2004	2005	2006	
Biswas, I.	2004			
Cameron, P.	2004			
Grcevich, J.	2004			
Hess, K.	2004			
Jaeggli, S.	2004			
Lazarova, M.	2004			
Scoles, S.	2004			
Stilp, A.	2004			
Zeiger, B.	2004			

Student	First Appt	Second Appt	Third Appt	Fourth Appt
Buentrostro-Leiter,V.	2005			
Grier, C.	2005			
Heiderman,A.	2005			
Jorgensen, K.	2005			
Levesque, E.	2005			
Mancone, C.	2005			
Mao, T.	2005			
Sandell, J.	2005			
Weintraub, L.	2005			
Wells, K.	2005			
Chizek, M.	2006			
Datta, A.	2006	2010		
Davy, C.	2006			
Edmonds, R.	2006	2008		
Frey, L.	2006			
Ginsburg, A.	2006			
Martin, E.	2006			
Mills, E.	2006			
Saul, D.	2006			
Singhal, A.	2006			
Torres, R.	2006	2007		
Weinzirl, T.	2006			
Whiting, C.	2006			
Zschaechner, L.	2006			
Aguirre, P.	2007			