

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 | | | |
| Friedel (Aller), M. | 1964 | | | |
| Havlen, R. | 1964 | | | |
| Thacker, D. | 1965 | 1966 | 1967 | |
| Gordon, K. | 1965 | 1966 | | |
| Gordon, R. | 1965 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|-----------------------|------------|-------------|------------|-------------|
| 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 | | |
| Daidsen, 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 | | | |
| 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 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|------------------------|------------|-------------|------------|-------------|
| 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 | | | |
| 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 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|-----------------------|------------|-------------|------------|-------------|
| 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 | | | |
| 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 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|-------------------------|------------|-------------|------------|-------------|
| 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 | | | |
| 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 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|------------------------|------------|-------------|------------|-------------|
| 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 | | | |
| 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 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|------------------------|------------|-------------|------------|-------------|
| 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 | | | |
| 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 | | | |
| Aversa, A. | 2007 | | | |
| Brunner, S. | 2007 | | | |
| Epstein, C. | 2007 | | | |
| Freed, M. | 2007 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|----------------|------------|-------------|------------|-------------|
| Grijalva, D. | 2007 | | | |
| Janowiecki, S. | 2007 | | | |
| Lee, N. | 2007 | | | |
| Lynch, R. | 2007 | | | |
| Mogren, K. | 2007 | | | |
| Pennucci, T. | 2007 | 2008 | | |
| Ries, P. | 2007 | | | |
| Romero, C. | 2007 | | | |
| Van Saders, J. | 2007 | | | |
| Anderson, C. | 2008 | 2009 | | |
| Breslauer, B. | 2008 | | | |
| Davies, F. | 2008 | | | |
| Devaraj, K. | 2008 | 2009 | | |
| Ducatman, S. | 2008 | | | |
| Eimers, M. | 2008 | | | |
| Marvil, J. | 2008 | 2009 | | |
| Sakari, C. | 2008 | | | |
| Schenker, M. | 2008 | | | |
| Schneider, E. | 2008 | | | |
| Slater, C. | 2008 | | | |
| Cardoso, R. | 2009 | 2010 | | |
| Chen, B. | 2009 | 2010 | | |
| Lam, M. | 2009 | | | |
| Louie, M. | 2009 | | | |
| McCauley, P. | 2009 | | | |
| Pastorius, M. | 2009 | | | |
| Roper, B. | 2009 | | | |
| Shitanishi, J. | 2009 | | | |
| White, M. | 2009 | | | |
| Battisti, A. | 2010 | | | |
| Bemis, A. | 2010 | | | |
| Blatnik, M. | 2010 | 2011 | | |
| Conklin, T. | 2010 | 2011 | | |
| Fletcher, C. | 2010 | | | |
| Ford, A. | 2010 | | | |
| Free, N. | 2010 | | | |
| Jones, M. | 2010 | | | |
| MacGregor, M. | 2010 | | | |
| Mizusawa, T. | 2010 | | | |
| Montet, B. | 2010 | | | |
| Murray, C. | 2010 | | | |
| Nhan, B. | 2010 | | | |
| Rickert, M. | 2010 | | | |
| Robertson, A. | 2010 | | | |
| Spilker, J. | 2010 | | | |
| Wahl, M. | 2010 | | | |

| Student | First Appt | Second Appt | Third Appt | Fourth Appt |
|-----------------------|------------|-------------|------------|-------------|
| Windemuth, D. | 2010 | 2011 | | |
| Bowman, L. | 2011 | 2012 | 2013 | |
| Chicharro-Fuertes, R. | 2011 | | | |
| Christiansen, K. | 2011 | | | |
| Clouse, S. | 2011 | | | |
| Houston, C. | 2011 | | | |
| Johnson, T. | 2011 | | | |
| Kruse, E. | 2011 | | | |
| Marchenko, V. | 2011 | | | |
| Medeiros, L. | 2011 | | | |
| Merriman, S. | 2011 | | | |
| Nyland, K. | 2011 | | | |
| Patil, A. | 2011 | | | |
| Qasim, D. | 2011 | | | |
| Rogers, H. | 2011 | | | |
| Schmidt, D. | 2011 | | | |
| Schwarz, K. | 2011 | | | |
| Southworth, C. | 2011 | | | |
| Svoboda, B. | 2011 | | | |