

Glenn Edward Miller

Curriculum Vitae

Education:

Ph.D. in Astronomy, University of Texas at Austin
M.A. in Astronomy, University of Texas at Austin
Honors B.A. in Physics *summa cum laude*, Rollins College

Positions Held:

1983 - Present: Space Telescope Science Institute (STScI)

2002 - Deputy Division Head, IT Services Division
1999 - 2002: Head, Information Systems and Technology Department
1994 - 1999: Deputy Division Head of Presto
1990 - 1994: Chief, Advance Planning Systems Branch
1988 - 1990: Lead of Spike Planning Tools Group
1986 - 1990: Deputy Project Scientist for the Operations Software Branch,
Section Manager
1985 - 1986: Senior Member Technical Staff,
Task Leader for the Proposal Entry Processor
1983 - 1985 Member Technical Staff, Operations Astronomer

1981 - 1983: Assistant Professor of Astronomy, University of Virginia, Charlottesville

Awards:

NASA HST SM4 Servicing Implementation Group Achievement Award (2010)
Visiting Scholar, Rollins College (2009)
AURA Service Award (1998)
NASA Vision 2000 Control Center Systems Award (1999)
NASA Certificate of Recognition for the development of the RPS2 system (1996)
NASA GSFC Productivity Group Award (1996)
STScI Group Achievement Award for RPS2 System (1995)
First Prize in Computer Science, CSC Systems Group Paper Honorarium (1989)
University Fellowship, University of Texas
Algernon Sydney Sullivan Scholar, Rollins College
A.G.Bush Scholar, Rollins College

Grants and Contracts:

- 1998-2001 Principal Investigator for “AXAF Scheduling Tools”, Smithsonian Astrophysical Observatory
- 1998-2001 Principal Investigator for “SIRTF Scheduling Tools”, Jet Propulsion Laboratory
- 1997-1998 Co-Investigator on for “Adaptive, Ground Compatible Flight Software System“ under NASA’s Small Business Technology Transfer Program.
- 1996-2001 Principal Investigator for “Subaru Telescope Scheduling Tools”, Japanese National Observatory
- 1996-2001 Principal Investigator for Spike planning and scheduling tools for Far Ultraviolet Spectroscopic Explorer (FUSE), Johns Hopkins University
- 1996-2001 Principal Investigator for “Development of Scheduling Tools for the ESO Very Large Telescope, European Southern Observatory
- 1991-1993 Principal Investigator for “Development of an Expert Data Reduction Assistant”, NASA's Applied Information Systems program.

Service:

NRAO Extended Very Large Array (EVLA) Advisory Committee, 2005-2009

Chair, NSF review of NRAO Software, 2005

Program Organizing Committee (POC), Astronomical Data Analysis Software and Systems Conference (ADASS), 1997-2007

Program Organizing Committee, International Space Applications of Artificial Intelligence and Robotics Conference, 2001

Organizing Committee, NASA Workshop on Planning and Scheduling for Space, 1997

Reviewer for NASA NRA solicitations

STScI committees including the Computer Planning Committee (CPC), Science Staff Survey Committee, Director’s Leadership Forum

Professional Organizations:

American Astronomical Society