

**MMT Observing Programs
September – December 2003**

PA-03B-0041	Nestor, Turnshek, Rao	A Survey for Low-Redshift High Column Density QSO Absorption Line Systems
PA-03B-0273	Humphreys, Wagner, Davidson, Weis, N. Smith	Supernova Impostors and Their Kin
PA-03B-0349	Bond, Alves, O'Brien	Spectra of Post-AGB Stars in the M31 Halo
PA-03B-0370	Kulkarni, York, Lauroesch, Khare, Crotts, Nakamura	The Evolution of Metals and Dust in Damped Lyman-Alpha Quasar Absorbers
PA-03B-0442	Massey, Kudritzki, Bresolin, Bianchi, De Gioia-Eastwood, Puls, Pauldrach	The Physical Parameters and Stellar Winds of Hot, Massive Stars at High Metallicity: O-Stars in the Andromeda Galaxy
SAO-1	Fabricant, McLeod, Caldwell, Szentgyorgyi	Hectospec/Hectochelle and Megacam Commissioning
SAO-2	McLeod, Elston	Flamingos Engineering
SAO-3	McLeod, Conroy	Minicam Engineering
SAO-4	McLeod, Garnavich, Stanek, Bersier, Garcia, Jha, Szentgyorgyi	Gamma Ray Burst Polarization
SAO-5	Winn, Stanek, Sasselov, Garnavich	Fine Structure of a Possible Protoplanetary Disk: Polarimetry
SAO-6	Kirshner, Matheson, Challis, Hicken	ESSENCE: Spectroscopy of High-Redshift Type Ia Supernovae
SAO-7	Luhman, Fazio	Searching for the Bottom of the Initial Mass Function
SAO-8	C. Lada, Muench, Teixeira, E. Lada	Deep Extinction Mapping of IC 5146
SAO-9	Luhman	A Search for Young Brown Dwarfs in Taurus
SAO-10	Kirshner, Matheson, Challis, Hicken	ESSENCE: Photometry of High-Redshift Type Ia Supernovae
SAO-11	W. Brown, Geller, Kenyon, Kleyna	Exploring the Galactic Halo
SAO-12	Elvis, Marengo, Karovska, Korista, B. Peterson, Ward, N. Murray	AGN Solutions from Near-IR Paschen and Bracket Lines
SAO-14	Greene, Ho, Huchra	Mass and Accretion Rate for Double Peaked Broad Line AGN
SAO-15	Megeath, Allen, Myers, Gutermuth, D. Peterson, Pipher	Star And Planet Formation in Young Stellar Groups and Clusters
SAO-17	Marengo, Karovska, P. Hinz, Hoffmann, Fazio, Miller	The Dusty Envelope of the Mira AB Interacting System
UAO-S1	Bechtold, Januzzi	IGM and the Distribution of Galaxies at $z \sim 1$

UAO-S2	Biller, Close, P. Hinz, Hoffmann, Miller, Brusa, Bieging	High Strehl, Mid-IR AO Imaging of AGB and Post-AGB Stars with Molecular Reservoirs: Direct Imaging of the Disks around the Red Rectangle, BM Gem, and EP Aqr
UAO-S3	Burstein, Li	Nitrogen and the Formation of Globular Clusters
UAO-S4	Close, Biller, P. Hinz, Hoffmann, Brusa, Miller	Ultra-Stable PSF Mid-IR AO Imaging of Herbig Ae/Be Disks
UAO-S6	Egami, G. Rieke, Papovich, Rigby, Dole	Deep Near-IR Imaging of the SIRTf Lensing Cluster Survey Sample
UAO-S7	Egami, Neugebauer	Mid-Infrared Imaging of NGC 1068 with 0.1" (7 pc) Spatial Resolution
UAO-S8	Fan, Schmidt, Brandt, Schneider	The Most Distant Blazar? – Spectropolarimetry of an X-Ray Loud Quasar at $z = 4.94$
UAO-S9	Fan, Eisenstein, Hennawi, Pindor, Strauss	Spectroscopy of SDSS QSO Pairs: Distinguishing Lenses from Binaries
UAO-S10	Fan, Jiang, Strauss, Hennawi	Faint $z \sim 6$ Quasars in the SDSS Deep Survey Area
UAO-S11	Finn, Zaritsky, McCarthy	H-Alpha Derived Star-Formation Rates of $z \approx 0.8$ Galaxy
UAO-S12	Gillespie, van Zee, Schade	Spectroscopic Observations of Low Surface Brightness Galaxies from the SMUDGES Survey
UAO-S13	P. Hinz, Miller, Brusa, Lloyd-Hart, Close, Kenworthy	Refinement and Characterization of the MMT AO System
UAO-S14	Humphreys, Wagner	Supernovae Impostors and Their Kin
UAO-S15	Kennicutt, Chen, Rauch	Evolutionary Diagnostics of Damped Lyman-Alpha Absorbing Galaxies
UAO-S16	Knierman, McCarthy	Resolving a Tidal Dwarf Galaxy: Stellar Populations and Hidden Mass
UAO-S17	Liebert, K. Williams, Munn, Harris, Dahn, von Hippel, Winget	An Improved Luminosity Function of Cool White Dwarfs from the Sloan Digital Sky Survey
UAO-S18	Liu, P. Hinz, Hoffmann, Silverstone	Development of Nulling Interferometry for an Exo-Zodiacal Dust Survey
UAO-S19	Massey, De Gioia-Eastwood	Evolution of Massive Stars: Closing the Loop Observationally in the Local Group
UAO-S20	McCarthy, Knierman, Close, Biller	Commissioning the ARIES Instrument with MMT Adaptive Optics
UAO-S21	Olszewski, Saha, Dolphin	Breaking the Age-Metallicity Degeneracy in "Deepest Ever" HST M31 Halo Field
UAO-S22	Oppenheimer, Bieging, Close, P. Hinz, Hoffmann, Lloyd-Hart	Mid-IR AO Imaging of Proto-Planetary Nebulae

UAO-S24	Szkody, Schmidt	Determining Magnetic Fields of New SDSS Polars
UAO-S26	Wagner, Starrfield, Schwarz	A Key Test of the Nova Phenomenon
UAO-S27	Wagner, Starrfield, Bond	Probing the Circumstellar Environment of the Luminous Variable Star V838 Mon
UAO-S28	Woodward, T. Jones, Brusa, Close, Fisher, P. Hinz, Hoffmann, Lloyd-Hart, Miller, Wildi	Mid-IR AO Imagery of Comets 2P/Encke and C/2002 T7 (LINEAR)