

**MMT Observing Programs
January – April 2005**

PA-04B-0474	Kulkarni, Khare, Lauroesch, Bechtold, York, Crotts, Nakamura	The Evolution of Metals and Dust in Damped Lyman-Alpha Quasar Absorbers
PA-05A-0150	Kochanek, Eisenhardt, Heckman, Martin, Soifer, Weedman, Jannuzi	AGES: The AGN and Galaxy Evolution Survey
PA-05A-0219	Mathieu, Platais, Latham, Torres, Szentgyorgyi	The WIYN Open Cluster Study: New Astrophysics from Old Open Clusters
PA-05A-0508	de Jong, Ferguson, Bell, Zucker, Dalcanton, Seth, Courteau	Determining the Halo Shape, Metallicity, and Substructure of Four Nearby Disk Galaxies
SAO-1	McLeod, Conroy	Megacam Engineering
SAO-2	Fabricant, Caldwell, Roll	Hectospec Engineering
SAO-3	W. Brown, McLeod, Fazio, Geary, Hora, Megeath, Pahre, Willner	SWIRC Commissioning
SAO-4	McLeod, Caldwell	Giant Megacam Images for Air and Space Museum
SAO-5	Geller, Fabricant, Kurtz, Dell'Antonio, Ramella, Wittman	Mapping the Matter Distribution in the Universe
SAO-6	Holman, Stanek, Grav, Gaudi, McLeod, Hartman	The Size Distribution of Kuiper Belt Objects
SAO-7	Korzennik, Szentgyorgyi	PRV for Exo-Planet Detection using Iodine Cell
SAO-8	Ashby, Hora, Willner, Barmby, Huang, Hradecky, Pahre, Fazio, Z. Wang, W. Brown, Huchra	SWIRC Observations of an Ultra-Deep Spitzer Calibration Field
SAO-10	Murray, Jones, Forman, P. Green, Kenter, Vikhlinin, Fazio, Pahre, Willner, Huchra, Ashby, Falco, Caldwell	The AGN and Galaxy Evolution Survey (AGES)
SAO-11	Kirshner, Modjaz, Challis, Hicken	Supernova Spectroscopy
SAO-12	Furesz, Hartmann, Szentgyorgyi, Ridge, Rebull, Stauffer	NGC 2264: Kinematics of a Key Young Cluster

SAO-13	Furesz, Hartmann, Sicilia-Aguilar, Calvet, Szentgyorgyi	The Orion Nebula Region: Cluster in Formation
SAO-14	Furesz, Hartmann, Szentgyorgyi, Szabo	Interaction Between Open Clusters – A Kinematical Study of NGC1907 and 1912
SAO-15	Ashby, Hora, Willner, Barmby, Huang, Hradecky, Pahre, Z. Wang, Huchra, McLeod, Fazio	Megacam Observations of an Ultra-Deep Spitzer Calibration Field
SAO-16	Calvet, Briceño, Hartmann, Szentgyorgyi	The Star Formation History of Orion and its Environs
SAO-17	Steeghs, Roelofs, Groot, Nelemans, Marsh	A Measurement of the Tidal Deformation of the Disk in AM CVn
SAO-18	Megeath, D. Peterson, Pipher, Luhman, Allen, Myers	Brown Dwarf Formation and Environment in the Orion Molecular Cloud
SAO-19	Barmby, Huang, Fazio, Willner, Pahre, Ashby	Lyman-Break Galaxies in a Deep Spitzer Field
SAO-21	Latham, Szentgyorgyi, Torres, Furesz	Doppler Survey for Planets in the Kepler Target Region
SAO-22	Calvet, Briceño, Hartmann	Disk Accretion in the Lowest Mass Ori OB1 Stars
SAO-23	Allen, Chavarría, Hora, Megeath	High Mass Star Formation and Infrared PDRs
SAO-25	Marengo, Karovska, Hinz, Hoffmann, Fazio, Miller	The Dusty Envelope of the Mira AB Interacting System
SAO-26	Landt, Piranomonte, Perri, Giommi, Padovani	High-Redshift BL Lacertae Objects
SAO-27	Jonker, Steeghs, Roelofs	The Mass of the Neutron Star in MS1603.6+2600
UAO-E39	Kenworthy, Hinz, Miller, Brusa, Vaitheeswaran	Characterization and Refinement of the MMT AO System
UAO-E40	Hinz	Achieving Deeper, More Stable Nulls with a NIR Phase Sensor
UAO-G12	Skillman, Hewett, Irwin	Chemical Abundances in the Newly Discovered Nearby PN Hewett-1

UAO-G28	Thuan, Izotov	The Hard Ionizing Radiation of the Most Metal-Deficient Blue Compact Dwarf Galaxies
UAO-G31	Majewski, Muñoz, Sohn, Siegel	Tidal Disruption and Dark Matter in dSphs
UAO-L6	Fan, Strauss, Jiang	A Survey of Luminous Quasars at $z \sim 6$ in the Northern Galactic Cap
UAO-S5	Fan, Eisenstein, McCarthy, Close, Sieglér	AO Imaging of Quasars with Natural Guide Stars
UAO-S15	Tegler, Romanishin	Testing a Possible Primordial Origin for Kuiper Belt Object Colors
UAO-S20	K. Williams	The White Dwarf Cooling Sequence of the Old Open Cluster M67
UAO-S22	Schmidt, P. Smith	Evidence for Bipolar Structure in the Nuclei of Red QSOs
UAO-S24	Olszewski, Mateo, Walker	A New Era of Mapping Dark Matter in Dwarf Spheroidal Galaxies
UAO-S25	Olszewski, Morrison, Harding, Mateo	Building up the Milky Way Halo via Accretion of Small Satellites
UAO-S42	Papovich, Eisenstein, Egami, Le Floch, Perez-Gonzalez, G. Rieke, M. Rieke	Optical Spectroscopy of <i>Spitzer</i> Sources in the Lockman Hole: Evolution of the Infrared Luminosity Function
UAO-S43	Tremonti, Peng	Ultra-Compact Dwarf Galaxies and Massive Globular Clusters in the Virgo Cluster
UAO-S48	Tremonti, Moustakas, Kennicutt	The Interstellar Medium of Post-Starburst Galaxies
UAO-S53	Kulesa, McCarthy	Direct Measurement of Proplyd Lifetimes in the Orion Nebula
UAO-S54	Liu, Hinz, Hoffmann	An Adaptive Optics Nulling Interferometric Survey for Exozodiacal Dust
UAO-S62	Meyer, Masciardi, Henning, Bouwmann, Hines, Mamajek, Moro-Martín, Pascucci, Apai, Rodmann, Silverstone, Wolf, Kim, Close, McCarthy	Placing our Solar System in Context: Searching for Gas Giant Planets in the Disk of Two Young Solar Analogues

UAO-S66	Potter, Brusa, Close, Fisher, Hinz, Kenworthy, Lloyd-Hart, McCarthy, Miller	Dynamical Mass Determination of the Binary Brown Dwarf System HD130948bc through Astrometry with the MMT/AO System
UAO-S67	K. Williams, Momcheva, Zabludoff, Keeton	The Importance of Lens Galaxy Environments
UAO-S71	Papovich, Le Floch, Perez-Gonzalez, Gordon, Egami, M. Rieke, G. Rieke	The UV/Far-Infrared Connection in Star-Forming Galaxies at $z \sim 1-3$
UAO-S72	Nielsen, Close, McCarthy, Biller, Miller, Brusa, Hinz, Lloyd-Hart, Kenworthy	Direct Detection of Young Extrasolar Planets with Simultaneous Differential Imaging and the MMT AO System
UAO-S73	Worden, Lloyd-Hart, Angel, Hege	Adaptive Optics Observations of Supergiant Mass Outflows
UAO-S75	Eisenstein, Cool, Egami, Fan, Le Floch, Moustakas, Papovich, Perez-Gonzalez, M. Rieke	The AGN and Galaxy Evolution Survey (AGES): A Spectroscopic Survey of the NOAO Deep/Wide Boötes Field