

MMT Observing Programs
January –April 2007

PA-07A-0115	Jacobson, Pilachowski, Friel, Szentgyorgyi	Study of Open Clusters in the Apparent Abundance Transition Zone $R_{gc} \sim 10$ kpc
PA-07A-0260	Hornschemeier, Mobasher, Trentham, Tully, Carter, Marzke, Bridges	Expanding the Spectroscopic Completeness of the Coma Cluster with Hectospec
PA-07A-0319	Deliyannis, Szentgyorgyi	How Normal is the Solar Li Depletion?: Comparison to M67
SAO-1	Brown, Geller, Kenyon, Kurtz	Hypervelocity Stars
SAO-2	Mamajek, Hinz, Kenworthy, Heinze, Meyer	MMTAO/CLIO Survey for Super-Jupiters Around Nearby A-Type Stars
SAO-3	Brown, McLeod, Lacasse	SWIRC Engineering
SAO-4	Geller, Fabricant, Kurtz, Dell'Antonio, Ramella, Woods	Mapping the Matter Distribution in the Universe
SAO-5	Hartman, Gaudi, Holman, McLeod, Stanek, Szentgyorgyi, Torres	Spectroscopic Follow-up of an Open Cluster Transit Survey
SAO-6	Ashby, Hora, H. A. Smith, Willner, Fazio	Visible-Wavelength Spectroscopy of Four Unique IR-Variable Galaxies
SAO-7	Rines, Vikhlinin, Reiprich, Ebeling, Quintana, Burenin, Hornstrup	Evolution of the Cluster Mass Function: Comparing X-Ray and Virial Constraint
SAO-8	Koenig, Allen	Deep Near-IR Imaging of W5
SAO-9	Willman, Seth, Zaritsky	Nature versus Nurture in the Formation of the Lowest Mass Galaxies
SAO-10	Allen, Furesz, Szentgyorgyi, Briceño, Megeath, Thomas, Muzerolle, Calvet, Hartmann, Hernandez	The All Orion Spectroscopic Survey: Masses, Ages and Disk Frequencies
SAO-11	Furesz, Balog, Szentgyorgyi	NGC 2244: Kinematics of Star Formation Near an OB Association

SAO-12	Allen, Furesz, Szentgyorgyi, Briceño, Megeath, Thomas, Muzerolle, Calvet, Hartmann, Hernandez	The All Orion Spectroscopic Survey: Kinematics and Accretion Rates
SAO-13	Koenig, Allen	Deep Optical Imaging of Embedded Clusters in W5
SAO-14	Bolton	M/L Up and Down the Fundamental Plane
SAO-15	Furesz, Hartmann, J. Miller, Szentgyorgyi	Kinematics and Binary Properties of Young Unrelaxed Clusters
SAO-16	Barmby, Park, Fazio, Huang, Ashby, Willner	AGN in the Extended Groth Strip
SAO-17	Brown, Geller	Extreme Metal Poor Galaxies
SAO-18	Bianco, McLeod, Holman, Lehner, Alcock	Probing the Kuiper Belt Size Spectrum with MMT/Megacam
SAO-19	Landt, Cheung, Kleijn, Jordan	A Large Sample of X-Shaped Radio Galaxies
SAO-20	Nulsen, Owers, Couch	Optical Signatures of Mergers in Two Cold Front Clusters
SAO-21	Murray, Hickox, Green, Kenter, Vikhlinin, Jones, Forman, Fazio, Pahre, Willner, Caldwell, Stern	Using X-Ray and IR Selected Sources to Map Cosmic Structure
SAO-22	Chavarría, Allen, Hora	Ages, Masses, and Disk Frequencies in Massive Star Forming Regions
SAO-23	Koenig, Allen	Sequential Star Formation in W5
SAO-24	Marengo, Close, Biller, Skemer, Fazio, Karovska, Hinz, Hoffmann, Miller, Kenworthy	MMT/AO Imaging of AGB Circumstellar Envelopes
SAO-25	Latham, Szentgyorgyi, Torres, Furesz, Meibom, Sozzetti, Carney, Laird, Morse	Spectroscopic Classification of Kepler Targets
SAO-26	Baliunas, Giampapa, Sherry, Meyer, Woolf	Sunlike Stars in M67: Chromospheric Activity

UAO-E33	McCarthy, Kulesa	Continued Commissioning of ARIES at the MMT
UAO-E34	Lloyd-Hart, McCarthy, Meyer, Baranec, Milton, Snyder	Commissioning the MMT Laser Guide Star AO System
UAO-E35	Hinz, Hoffmann, Liu	Nulling and Mid-IR Improvement and Characterization with MIRAC4-BLINC
UAO- G77	Thuan, Izotov	A Search for Extremely Low-Metallicity Dwarf Emission-Line Galaxies in the Sloan Digital Sky Survey
UAO-L32	G. Williams, Rhoads, Fuentes, Milne	Probing the High-z Universe Using GRB Afterglows: An MMT Red Channel Target-of-Opportunity Proposal
UAO-S1	Tegler, Grundy, Romanishin, Consolmagno, Vilas, Cornelison, Mogren	Detecting Ice Components, Surface Variegation, and Atmospheric Collapse on the New Icy Dwarf Planet 2005 FY9
UAO-S6	Hubbard, McCarthy, Hinz	18 March 2007 (UT) Occultation by Pluto
UAO-S10	Olszewski, Mateo, Walker	Kinematic and Metallicity Structures in Dwarf Spheroidal Galaxies
UAO-S12	Fan, Jiang, Xu	Red Channel Echellette Spectroscopy of $z \sim 6$ Quasars: Probing the Reionization Epoch
UAO-S13	Herbert-Fort, Prochaska, Ellison	Chemical Abundances in the Most Metal-Strong Damped Lyman Alpha Galaxies
UAO-S15	Heinze, Hinz, Meyer, Sivanandam	An L' and M Band AO Imaging Survey for Planets Orbiting the Nearest Young FGK Stars: Installment 4
UAO-S17	Potter	Monitoring the Brown Dwarf Binary HD130948bc
UAO-S18	Tremonti, Allam, Tucker, Lin, Shapley, Fan, Kochanek, Brinchmann, Strauss	A High Resolution Study of the 8 O'clock Arc, the Brightest Known Lensed Lyman Break Galaxy
UAO-S19	Tremonti, Diamond-Stanic, Moustakas	Quantifying the Impact of Starburst and AGN Feedback: A High Resolution Study of Extreme Outflows in Post-Starburst Galaxies

UAO-S20	Zaritsky, Willman	Nature Versus Nurture in the Formation of the Lowest Mass Galaxies
UAO-S31	Apai, Meyer, Hinz, Kenworthy, Miller, Heinze, Sivanandam	Imaging Planets around the Closest Stars: Revealing the Different Origins of Planetary-Mass Companions
UAO-S74	Impey, Trump, Gabor, P. McCarthy, Elvis, Huchra, Brusa, Hasinger, Salvato, Schinnerer, Smolčić, Casey, Lilly, Scoville	COSMOS: The Evolution of High Redshift Galaxies and Super-Massive Black Holes
UAO-S80	Malhotra, Rhoads	High Redshift Ly α Emission: Smoke and Mirrors? High Resolution Spectroscopy of Ly α Lines at $z=4.5$