MMT Observing Programs
January – April 2012

PA-11B-0538	Ammons, Wong, Zabludoff, Keeton	Finding the Most Powerful Gravitational Lens Telescopes with MMT Hectospec
PA-12A-0332	Brown, Walkowicz, Hawley, Kowalski, Saar, Furesz	MMT Hectochelle Spectral Variability of Active Late-type Stars in the Kepler Field (2012A)
SAO-1	Wang	Optical Identification of a Close Pair of Candidate High-z Quasars
SAO-2	Brown, Kilic	Merging White Dwarfs
SAO-3	Geller, Fabricant, Kurtz, Hwang, Diaferio, Rines	HectoMAP: Clusters and Large-Scale Structure at $0.25 < z < 0.5$
SAO-4	Strader, Caldwell, Seth, Szentgyorgyi, Ivans	The Hectochelle Northern Galactic Globular Cluster Survey
SAO-5	Strader, Romanowsky, Brodie	M87 and the Virgo Cluster
SAO-6	Benbow, Furniss, Williams, Fumagalli, Hogan	Determining Blazar Redshifts for Studies of the EBL
SAO-7	Sanders, Soderberg, Chomiuk, Drout, Dittmann, Levesque	Host Galaxy Metallicities for Type Ibc Supernovae
SAO-8	Bussmann, Wilner, Gurwell, Negrello, Verma, Smith, *H*-ATLAS Collaboration	Longslit Spectroscopy of Lensing Galaxies Discovered in the *Herschel*-ATLAS
SAO-9	Meibom, Barnes, Furesz, Latham, Szentgyorgyi	Toward Better Ages for Stars and Their Planets
SAO-10	Liu, Shen	Spectroscopic Monitoring of Candidate Binary Massive Black Holes
SAO-11	Bayliss, Oguri, Gladders, Dahle, Sharon, Gralla	A Dynamical Study of 27 Strong Lensing Selected Galaxy Clusters
SAO-12	Berger, Chomiuk, Chornock, Czekala, Foley, Friedman, Kirshner, Mandel, Margutti, Marion, Milisavljevic, Narayan, Sanders, Soderberg, Stubbs, Zauderer	The MMT Spectroscopic Survey of Pan-STARRS Transients

SAO-13	Ma, Nulsen, Owers, McNamara, Russell, Canning, Couch	Dynamics and Evolution in Merging Clusters
SAO-14	Milisavljevic, Soderberg, Margutti, Drout, Sanders, Chomiuk, Dittmann	Resolving SN Ejecta Asymmetries with Moderate-Dispersion Spectra
SAO-15	Kolenberg, Furesz, Szentgyorgyi	An In-Depth Study of the RR Lyraes in M3 (Hectochelle)
SAO-16	Kolenberg, Furesz, Szentgyorgyi	An In-Depth Study of the RR Lyraes in M3 (SWIRC)
SAO-17	Espaillat, Hernandez, Calvet, Briceo	A Spectroscopic Study of Young Stellar Populations in the Orionis Star Forming Region
UAO-E22	Bendek, Hart, Ammons, Lu, McCarthy, Kulesa, Newman	Exploratory Science with ARIES and the MMT Laser AO System
UAO-EPO63	Green, Johnson, Wallace, O'Malley, Kim, Laird, Guvenen, Villareal, For	Undergraduate Project: Modeling a New Eclipsing sdB Binary with an Alleged Brown Dwarf Secondary
UAO-G19	Humphreys	Luminous and Unstable Stars in N2403 and M81
UAO-G80	Li, Cooper, Peng, Smith	A Deep Spectroscopic Survey of the Milky Way Stellar Halo and the Enigmatic Cluster NGC 2419
UAO-G81	Wang, Zhou, Yuan, Yang	Confirmation of Small Black Hole Mass in Stellar Disruption Candidates
UAO-G82	Zheng, Yan, Shi, Mao, Huang, Gu, Chen, Xia, Hao	WISE+UKIDSS: Unveiling Rapid Black Hole Growth in Obscuration
UAO-G83	Kong, Lin, Fang, Wang	Spectroscopy of HII Regions in Nearby Galaxies: IRX — β Relation, XUV-discs and Gradients
UAO-S2	Holberg, Oswalt, Zhao	Observational Constraints on the Degenerate Mass-Radius Relation
UAO-S3	Patience, King, De Rosa, Bell, Scowen	Investigating the Variability of the Coolest T and Y Brown Dwarfs
UAO-S4	Jiang, Fan, Walter, Bian, Cai, McGreer, Wang	Identifying $z \geq 6.5$ Quasars in the UKIDSS Deep Extragalactic Survey Fields

UAO-S5	Davé, Moran, Catinella, Heckman, Kauffmann, Schiminovich, Saintonge, Tacconi, Brinchmann, Borthakur, Tumlinson	Linking the Star Formation and Chemical Enrichment Histories of Galaxies to Their Atomic, Molecular and Halo Gas Content
UAO-S7	Bian, Fan, Jiang	Probing the Most Luminous Lyman Break Galaxies at $z \sim 3$
UAO-S8	Weiner, Rieke, Alonso-Herrero, Rujopakarn, Egami	Star Formation in Disky U/LIRGs – Low-Redshift Analogs for High-Redshift Star-forming Galaxies
UAO-S9	Xu, Egami, Pereira, Wang	Optical Spectroscopy of *Herschel*-Detected Infrared Luminous Quasars at $z \sim 2$
UAO-S10	Egami, Walth, Rex, Rawle, Pereira, Clément	SWIRC Near-Infrared Imaging of SPIRE Snapshot Clusters
UAO-S11	Morzinski, Close, Hinz, McCarthy, Kulesa	Characterizing Brown Dwarfs in Low-Mass Systems in the Hyades
UAO-S12	Ford, Davé, Tripp, Howk, Meiring, Prochaska, Tumlinson, Werk	A Survey of the Galaxy-IGM Connection at $z \approx 0 — 1$
UAO-S13	Fan, McGreer, Jiang, Walter	Searching for $z > 6$ Quasars in Pan-STARRS1
UAO-S14	Stark, Belokurov, Sand	MMT Spectroscopy of New $z > 2$ Lensed Galaxies in SDSS
UAO-S17	Fan, Cai, Frye, McGreer	MApping the Most Massive Overdensity Through Hydrogen (MAMMOTH): A Pilot Study
UAO-S18	Kim, Bagley, Bagley, Sherry, Meyer, Jose, Sung	A Survey of Young Stellar Objects in the W3 and W4 Star-Forming Regions
UAO-S21	Zaritsky, Scarlata	Skewers Through Nearby Galaxy Halos
UAO-S31	Green, Charpinet	RV's and Atmospheric Abundances for a Second Hot Subdwarf Candidate with Deep-Fried Planets
UAO-S42	Smith, Zaritsky, Mauerhan	Spectroscopic Followup of Explosive Massive-Star Transients

UAO-S43	Smith, Bilinski, Mauerhan	Constraining Pre-Supernova Mass Loss: Spectroscopy of Circumstellar Gas Overtaken by the Blast Wave
UAO-S100	Cai, Fan, Frye, McGreer	MApping the Most Massive Overdensity Through Hydrogen (MAMMOTH): A Pilot Study
UAO-S101	Weiner	A Search for Mg II Absorbers in Galaxy – QSO Close Pairs from BOSS + SDSS
UAO-S102	Turner, Teske, Griffith	Detecting the Magnetic Fields of the Transiting Exoplanet CoRot-1b
UAO-S103	Smith, Bilinski, Mauerhan	Constraining Pre-Supernova Mass Loss: Spectroscopy of Circumstellar Gas Overtaken by the Blast Wave
UAO-S104	Frye, Egami, Malhotra, Rhoads	The Discovery and Characterization of Strongly-Lensed Galaxies at High Redshift
UAO-S105	Zheng, Malhotra, Jiang, Rhoads, Dong, Wang, Ho	Identifying Type-II Quasars at Redshift $5 < z < 6$
UAO-S106	Just, Juneau, Gabor, Dickinson	Studying AGN Feedback in a Three-Galaxy System at z=0.68