

**MMT Observing Programs**  
**January – April 2014**

SAO-1	Brown, Kilic	Merging White Dwarfs
SAO-2	Geller, Hwang, Fabricant, Kurtz, Diaferio, Rines, Miyazaki	HectoMAP: Clusters and Large-Scale Structure at $0.25 < z < 0.7$
SAO-3	Caldwell, Hargis, Willman, Strader, Walker	The Detailed Substructure of a Milky Way Stellar Stream
SAO-4	Berger, Fong, Laskar, Chornock, Zauderer	Identifying and Monitoring GRB Optical Afterglows with the MMT f/5 Imager
SAO-5	Benbow, Furniss, Williams Hughes, Johnson	Parallel Observations to Determine Blazar Redshifts for Studies of the EBL
SAO-6	Benbow, Furniss, Williams Hughes, Johnson	Determining Blazar Redshifts for Studies of the EBL
SAO-7	Rubin, Prochaska	Dissecting the Kinematics and Morphology of Galactic Winds and Inflows
SAO-8	Bayliss, Rigby, Sharon, Gladders, Wuyts	Blue Channel Spectroscopy of the Brightest Giant Arcs
SAO-9	Berger, Chornock, Dittmann, Drout, Kirshner, Lunnan, Margutti, Milisavljevic, Sanders, Soderberg, Stubbs, Zauderer	The MMT Spectroscopic Survey of Pan- STARRS Transients
SAO-10	Johnson, Rich, Kunder	Understanding the Galactic Population of Bulge Globular Clusters
SAO-11	Raymond, Ghavamian	The Shock Speed and Electron-Ion Equilibration in G156.2+5.7
SAO-12	Bussmann, The H-ATLAS collaboration	Optical / Near-IR Imaging of Candidate Lensing Galaxies Discovered by <i>Herschel</i>
SAO-13	Drout, Sanders, Soderberg, Milisavljevic, Margutti, Kamble, Chakraborti	Unveiling the Energy Sources within Peculiar Core-Collapse Supernovae
SAO-14	Kirshner, Berger, Challis, Chornock, Drout, Foley, Lunnan, Mandel, Margutti, Milisavljevic, Sanders, Soderberg, Stubbs, Jones, Scolnic, Riess, Rodney	Obtaining Redshifts and Host Galaxy Spectra for Supernovae in Pan-STARRS

SAO-15	Lunnan, Chornock, Berger	MMT Photometry of Superluminous Supernovae and Their Host Galaxies
SAO-16	Bogdan, Goulding, Forman, Ma	Does a Massive Black Hole Require a Massive Stellar Bulge?
UAO-E24	Scowen, Green, Kiminki, Teske, Miller, Challa	Completing the Commissioning of the MAESTRO Instrument
UAO-E25	Guyon, Hart, Codona, Mateen, McCarthy, Kulesa, Liang	On-sky Validation of the Highly Sensitive Non-Linear Curvature Wavefront Sensor (nlCWFS)
UAO-G2	Damke, Majewski	The Outer Structure of the Sagittarius Dwarf Galaxy Tidal Tails
UAO-G3	Humphreys	Unstable Luminous Stars in M81
UAO-G4	Jones, Packham, Shenoy	Imaging Polarimetry with MMTPol
UAO-G10	Fang, Huang, Wang, Jiang, Cooper	The Galactic Delinquents Survey: A Search for Massive Failures Around Milky Way Analogs
UAO-G11	Liu, Peng, Zhang, Spengler, Côté, Chilingarian, Zabludoff, Ferrarese	MMT Spectroscopy of the NGVS: The Origin of the Sagittarius Stream and the Accretion History of the Virgo Cluster
UAO-G12	Zhang, Peng, Liu, Ferrarese, Côté, Puzia	A Complete Hectochelle Spectroscopic Survey of Ultra-compact Dwarfs Toward the Virgo Core
UAO-G13	Liu, Fang, Wu, Van de Ven	MMT Hectospec Radial Velocities of Red Clump Stars IV: The Rotation Curve of the Milky Way's Inner Disk
UAO-G17	Lee, Ko, Lim, Sohn, Hwang, Park	A Spectroscopic Survey of Intracluster Globular Clusters in the Virgo Cluster
UAO-G18	Lee, Lim, Jang, Hwang, Park, Kim	A Spectroscopic Investigation of Archaeology of the M81 Group with Globular Clusters
UAO-G19	Park, Hwang, Hou, Deshev, Ko, Kim, Hwang, Choi	Dynamics and Physics of Galaxy Satellite Systems
UAO-S1	De Rosa, Patience, Young, Truitt, Rajan, Ward-Duong, McCarthy, Kulesa	Testing the Origins of Brown Dwarf Companions with Measurements of C/O Ratios
UAO-S3	Green, Bian, McGreer, Fan	The AGN Luminosity Function at $z=3$ : Finding the Trigger

UAO-S4	Kulesa, McCarthy	Direct Measurement of Cold $\text{H}_2$ in Star Forming Clouds
UAO-S6	Clément, Egami, Jiang, Walth	Spectroscopic Identification of $z \sim 6 - 7$ Candidates in Massive Lensing Cluster Fields
UAO-S7	McGreer, Fan, Jiang	The Faint QSO Luminosity Function at $z \sim 5$ from CFHTLS-W3
UAO-S8	Fan, McGreer, Walter, Venemans	Bright $z \sim 6-7$ Quasars from Pan-STARRS
UAO-S10	Wong, Zabludoff, Decker French, Ammons, Keeton, McCully	Mapping the Most Powerful Gravitational Lens Telescopes with MMT Hectospec
UAO-S13	Malhotra, Rhoads, Ly, Richardson, Kashikawa, Nagao	Gas and Galaxy Evolution – Metallicities of Low-Mass, Starburst Galaxies at $z=0.1-0.6$
UAO-S14	Stark, James, Olszewski, Kuposov, Belokurov, Pettini	Uncovering a New Population of Chemically-Pristine Galaxies
UAO-S18	Smith, Mauerhan	Spectroscopic Followup of Explosive Massive-Star Transients
UAO-S19	Jiang, Fan, Walter, Bian, Cai, McGreer	Identifying $z \geq 6$ Quasars in the UKIDSS Deep Extragalactic Survey Fields
UAO-S21	Olszewski, Walker, Mateo	The Sextans Dwarf Spheroidal and the Cold Dark Matter Paradigm