

**MMT Observing Programs**  
**May - August 2011**

PA-11A-0269	Brown, Walkowicz, Hawley, Kowalski, Ramsey, Saar, Furesz	MMT Hectochelle Spectral Variability Study of Active Late-type Stars in the Kepler Field
SAO-1	Geller, Fabricant, Kurtz, Diaferio, Rines	HectoMAP: Clusters and Large-Scale Structure at $0.25 < z < 0.5$
SAO-2	Kilic, Brown	Short Period Binary White Dwarfs
SAO-3	Brown, Kilic	Merging White Dwarfs
SAO-4	Kilic	Nearby Halo White Dwarfs
SAO-5	Bakos, Beky, Hartman, Hinz	An MMT/AO Search for Outer Companions of HATNet Transiting Planet Candidates
SAO-6	Sand, Graham	Type Ia Supernova Host Properties from the Multi-Epoch Nearby Cluster Survey
SAO-7	Berger, Challis, Chomiuk, Chornock, Czekala, Elvis, Foley, Friedman, Gezari, Kirshner, Mandel, Narayan, Sanders, Soderberg, Stubbs, Zauderer	The MMT Spectroscopic Survey of Pan- STARRS Transients
SAO-8	Walker, Mateo, Olszewski, Penarrubia	Dwarf Spheroidals as Tests of the Cold Dark Matter Paradigm
SAO-9	Wright, Drake, Guarcello, Hora, van der Veen, Steeghs, Drew, Prinja	The Stellar Content and Dynamics of Cygnus OB2
SAO-10	Shen, Liu	Unveiling Binary Supermassive Black Holes in Double-Peaked Narrow-line AGNs: Slit Spectroscopy
SAO-11	Caldwell, Strader, Seth	M81 and M51 Cluster Velocity Dispersions
SAO-12	Seth, Weisz, Walker, Bastain, Walter	Searching for Dark Matter in a Tidal Dwarf Galaxy
SAO-13	Dupree, Adams, McCarthy, Kulesa	ARIES Imaging of Kepler/Spitzer Targets
SAO-14	Liu, Di Stefano	Verifying Low-Mass X-ray Binary Candidates in the Kepler Field

SAO-15	Saar, Curtis, Wright	The Nearest Old Open Cluster Ruprecht 147: Low Mass Members and Binaries
SAO-16	Servillat, Torres, Jonker, Watson	Search for Bright NIR ULX Counterparts: Phase I. Towards Dynamical Masses
SAO-18	Trichas, Virdee, Rigopoulou, Rawlings, Jarvis	Young Dusty Radio-loud AGN at High-Redshift
SAO-19	Meibom, Barnes, Furesz, Latham, Szentgyorgyi	The Kepler Open Cluster Study
UAO-E26	Hart, Bendek, Powell, McCarthy, Kulesa	Commissioning ARIES with Laser-Guided Adaptive Optics
UAO-S1	Smith, McCarthy, Milne, Williams	Pinpointing Supernova Progenitors with MMT-AO
UAO-S2	Green, Kawaler, Fontaine, Brassard, Charpinet, Van Grootel, Johnson	Atmospheric Parameters for Asteroseismology of Hot Subdwarf Pulsators in the Kepler Satellite Field
UAO-S3	Weiner, Rieke, Alonso-Herrero, Rujopakarn, Egami	Star Formation in Disky U/LIRGs – Low-Redshift Analogs for High-Redshift Starforming Galaxies
UAO-S5	Pereira, Egami, Finoguenov, Lerchster	A Spectroscopic Survey of Assembling Clusters and their Evolving Galaxy Populations from $z \sim 0.15 - 0.6$
UAO-S6	Ammons, Wong, Zabludoff, Keeton	Finding the Most Powerful Gravitational Lens Telescopes with MMT Hectospec and Magellan IMACS-GISMO
UAO-S7	Xu, Egami, Pereira, Wang	Optical Spectroscopy of <i>Herschel</i> -Detected Infrared Luminous Quasars: Weighing Quasar Black Hole Masses
UAO-S8	Zaritsky, Graham, Sand, Just	Type Ia Supernova Host Properties from the Multi-Epoch Nearby Cluster Survey
UAO-S10	Smith	Spectroscopic Followup of Explosive Massive-Star Transients
UAO-S12	Olszewski, Walker, Mateo, Penarrubia	Dwarf Spheroidals as Tests of the Cold Dark Matter Paradigm

UAO-S13	Rodigas, Hinz, Schneider	Spatially Resolving the Ice Line in Debris Disks
UAO-S15	Ford, Davé, Tripp, Howk, Meiring, Prochaska, Tumlinson, Werk	A Survey of the Galaxy-IGM Connection at $z \approx 0 - 1$
UAO-S16	Davé, Moran, Catinella, Heckman, Kauffmann, Schiminovich, Saintonge, Tacconi, Brinchmann, Rich	The Atomic and Molecular Gas Content, Star Formation and Chemical Enrichment Histories of a Complete Sample of Nearby Galaxies
UAO-S17	McGreer, Fan, Jiang	Radio-Loud Quasars at $z > 5$
UAO-S18	Kim, Erickson, Wilking, Meyer, Sherry	MMT/Hectospec Observations of Young Low Mass Stars in the Serpens Star-Forming Region
UAO-S19	Hinz, Kenworthy, Mamajek	Confirming a Benchmark Substellar Companion to a Nearby Intermediate-Mass Star
UAO-S20	Bailey, Su, Hinz, Rieke	A Search for Perturbing Planets Around Truncated Debris Disks
UAO-S21	Smith, Eisner, Miller, Butler, Richards, Bloom	Complete Spectroscopic Census of Variable Sources in Stripe 82
UAO-S22	Teske, McCarthy, Kulesa, Swain, Deroo, Griffith, Tinetti	Investigating What Causes Hot Jupiter Temperature Inversions with NIR Spectroscopy
UAO-S25	Griffith, Teske, Deroo, Swain, McCarthy, Kulesa, Tinetti	Characterizing Earth-sized and Neptune-sized Exoplanets
UAO-S58	McGreer, Fan, Mesinger	Probing Reionization with the Combined Lyman- $\alpha/\beta$ Forests of $z \sim 6$ Quasars