

## Cycle 7 Approved Programs

PI	Institution	Country	Panel	Title
Borne	Hughes STX	USA	AGN1	Archival Study of Nuclear Morphology in Interactive Galaxies
Bower	National Optical Astronomy Observatories	USA	AGN1	Testing the Supermassive Black Hole Paradigm in Nearby Radio-Quiet AGNs
Cecil	U. of North Carolina at Chapel Hill	USA	AGN1	Spectra to Constrain the Dynamics of Clouds in the Narrow-Line Region of NGC 1068
Edelson	University of Iowa	USA	AGN1	Continuous Ultraviolet Monitoring of NGC 3516
Falcke	Astronomy Department, U. of Maryland	USA	AGN1	The connection between the obscuring torus and masing disk in H <sub>2</sub> O Megamasers
Fanti	Universita di Bologna	Italy	AGN1	Snapshot survey of the B2 sample of radio galaxies
Filippenko	"University of California, Berkeley"	USA	AGN1	"An Archival Study of Nearby, Low-Luminosity Active Galactic Nuclei"
Filippenko	"University of California, Berkeley"	USA	AGN1	Measuring Black Hole Masses in Broad-Lined AGNs
Ford	Johns Hopkins University	USA	AGN1	Kinematics of the H $\alpha$ Nuclear Disk in M81: A Search for a MBH in the Nearest LINER
Hamann	Center for Astrophysics & Space Science	USA	AGN1	Intrinsic UV and X-ray Absorption in QSOs
Malkan	University of California	USA	AGN1	High Resolution IR Imaging Survey (IRIS) of the Centers of the Nearest Active Galaxies
McLeod	Smithsonian Astrophysical Observatory	USA	AGN1	The Relation Between Quasar Luminosity and Host Galaxy Mass
Mulchaey	Carnegie Institution of Washington	USA	AGN1	The Fueling of Active Nuclei: A NICMOS Snapshot Survey of Seyfert and Normal Galaxies
Rix	Steward Observatory	USA	AGN1	"The Nature of ``Nuclear Activity'' in Nearby Galaxies"
Romanishin	University of Oklahoma	USA	AGN1	A New Technique for Photometry of Low Luminosity AGNs Using HST Reference Images
Schreier	Space Telescope Science Institute	USA	AGN1	Infrared imaging and polarimetry observations of the obscured nucleus of Centaurus A
Tadhunter	University of Sheffield	UK	AGN1	The nature of the compact infrared core sources in powerful FR II radio galaxies
Whittle	University of Virginia	USA	AGN1	STIS Spectroscopy of Markarian 78
Wilson	Astronomy Department	USA	AGN1	Kinematics of the Helical Jets in the Seyfert Galaxy ESO428-G14
Wilson	University of Maryland	USA	AGN1	The Molecular Torus and Ionized Gas in the Circinus Galaxy
Biretta	Space Telescope Science Institute	USA	AGN2	Secular Changes in the Jet of M87
Chambers	Institute for Astronomy	USA	AGN2	High Redshift Reflection Nebulae
Dey	Kitt Peak National Observatory	USA	AGN2	The Stellar Content of Powerful Radio Galaxies: A NICMOS Survey of $0.8 < z < 1.8$ 3CR Sources
Dressel	"RJH Scientific, Inc."	USA	AGN2	Kinematics of Gaseous Disks in the Nuclei of Liners with Compact Flat Spectrum Radio Sources
Dunlop	University of Edinburgh	UK	AGN2	The cosmological evolution of quasar host galaxies
Ferland	University of Kentucky	USA	AGN2	Fe II Emission in Quasars
Ho	Center for Astrophysics	USA	AGN2	Testing the Nature of ``Type 2'' LINERs Using UV Spectroscopy
Jannuzi	National Optical Astronomy Observatories	USA	AGN2	The Unusual Absorption Line System of PG 2302+029 -- Ejected or Intervening?

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Junkkarinen	"University of California, San Diego"	USA	AGN2	Chemical Abundances in QSO Broad Absorption Line Regions
Leighly	Columbia University	USA	AGN2	A Search for Broad Absorption Lines in Narrow-Line Seyfert 1 Galaxies
McCarthy	The Carnegie Observatories	USA	AGN2	NICMOS Imaging Survey of Distant Radio Galaxies: Ellipticals at $z > 2$ ?
McHardy	University of Southampton	UK	AGN2	NICMOS Observations of PKS1413+135
Osmer	The Ohio State University	USA	AGN2	Quasar Candidates in the Hubble Deep Field
Stocke	"University of Colorado, Boulder"	USA	AGN2	Witnessing the Birth of Radio Galaxies: WFPC & NICMOS Observations of CSOs
Thomson	University of Hertfordshire	UK	AGN2	Polarization mapping of the infrared emission from the jet in M87
Webster	University of Melbourne	Australia	AGN2	Microarcsecond Imaging of a Gravitationally Lensed QSO: 2237+0305
White	Space Telescope Science Institute	USA	AGN2	HST WFPC2 Observations of MilliJansky Radio Sources from the FIRST Survey
Beuermann	Universitaets-Sternwarte Goettingen	Germany	BIN	The nature of the bright 'Supersoft X-ray Source' RX J 0019+21
Bond	Space Telescope Science Institute	USA	BIN	WFPC2 Observations of Astrophysically Important Visual Binaries
Chakrabarty	Massachusetts Institute of Technology	USA	BIN	High-Speed UV Spectroscopy of the Ultracompact Binary 4U 1626-67/KZ TrA
Corradi	Instituto de Astrofísica de Canarias	Spain	BIN	Narrow band imaging of jets and bipolar outflows from symbiotic stars
Drew	"Astrophysics Group, Imperial College"	UK	BIN	High resolution UV spectroscopy of the extra-ordinary central star of Abell 35
Edmonds	Space Telescope Science Institute	USA	BIN	The Dense Core of M30
Espey	The Johns Hopkins University	USA	BIN	Improved Emission Line Diagnostics of Symbiotic Stars
Grindlay	Harvard University	USA	BIN	Deep Survey for CVs and Compact Binaries in the Collapsed Core Cluster NGC6397
Harrison	New Mexico State University	USA	BIN	"The Distances to Dwarf Novae, and the Calibration of the Technique of Infrared Spectroscopic Parallax"
Kaper	European Southern Observatory	Germany	BIN	"Raman scattering and X-ray ionization in LMC X-4, Cyg X-1, and LMC X-1"
Knigge	Space Telescope Science Institute	USA	BIN	Demystifying the SW Sex stars
Margon	University of Washington	USA	BIN	The Nature of Two New Optical Counterparts of Globular Cluster X-ray Sources
Margon	University of Washington	USA	BIN	Intense Galactic X-ray Sources in Crowded Fields
McClintock	Smithsonian Astrophysical Observatory	USA	BIN	Black Hole A0620-00 and Advection-Dominated Accretion
Rousseau	Universitaets-Sternwarte Goettingen	Germany	BIN	UV Cyclotron Spectroscopy of the High-Field Polar UZ Fornacis
Sams	Max Planck Institute fuer Astrophysics	Germany	BIN	Jet Polarization and Emission lines in the Galactic Microquasar GRS1915+105
Schmidt	"Steward Observatory, U. of Arizona"	USA	BIN	Probing the 230 MG Accreting Magnetic White Dwarf in AR Ursae Majoris
Shara	Space Telescope Science Institute	USA	BIN	Recovery and Characterization of Old Novae in the Globular Clusters M80 and M14
Shara	Space Telescope Science Institute	USA	BIN	An Archival Search for Erupting Dwarf Novae in Globular Clusters

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Still	University of St.\ Andrews	UK	BIN	High resolution imaging of magnetically-propelled ejecta from the cataclysmic variable AE Aqr
van Teeseling	Universitaets-Sternwarte Goettingen	Germany	BIN	Ultraviolet spectroscopy of the supersoft X-ray source RX J0439.8-6809
Vrtilek	Smithsonian Astrophysical Observatory	USA	BIN	High Resolution Ultraviolet Spectroscopy of Hercules X-1/HZ Herculis
Blandford	Caltech	USA	CLUS	Galaxy Masses from Cluster Arcs
Broadhurst	Astronomy Dept	USA	CLUS	Modeling Cluster Mass Distributions
Dalcanton	Carnegie Institution of Washington	USA	CLUS	Elliptical Galaxy Evolution at High Redshift: IR Imaging of 100 Distant Clusters
Donahue	Space Telescope Science Institute	USA	CLUS	Warm Molecular Hydrogen in Cluster Cooling Flow Nebulae
Fabian	"Institute of Astronomy, U. of Cambridge"	UK	CLUS	The central mass profile in the lowest redshift cluster lenses
Ferguson	Space Telescope Science Institute	USA	CLUS	Intergalactic Stars in the Virgo Cluster
Franx	Kapteyn Institute	The Netherlands	CLUS	"Fundamental Plane, Morphology-Density Relation, and Lensing in the z=0.83 Cluster MS1054--03"
Fruchter	Space Telescope Science Institute	USA	CLUS	The Luminosity Function and Evolution of Rich Clusters to z ~ 1.0
Keel	University of Alabama	USA	CLUS	The Age and Content of a (Proto)Galaxy Cluster at z=2.39
Mackie	SAO	USA	CLUS	STRUCTURAL PROPERTIES OF BRIGHTEST CLUSTER GALAXIES IN THE HST ARCHIVE
Owen	NRAO	USA	CLUS	THE IMPACT OF CLUSTER SUBSTRUCTURE ON GALAXIES: A CASE STUDY IN ABELL 2125
Ratnatunga	Carnegie Mellon University	USA	CLUS	Quantitative Morphology of Cluster Galaxies : Evolutionary Trends
Rosati	Johns Hopkins University	USA	CLUS	Probing Low Density Cluster Environments at Moderate-to-High Redshifts
Saunders	Mullard Radio Astronomy Observatory	UK	CLUS	The most powerful gravitational lens
Squires	Center for Particle Astrophysics	USA	CLUS	Dark Matter Distribution in A2218 from Gravitational Lensing
Bernstein	University of Michigan	USA	COS	Improved Hubble Constant from the 0957+561 Gravitational Lens
Broadhurst	"University of California, Berkeley"	USA	COS	Spheroidal Galaxy Evolution
Davis	University of California	USA	COS	"The Nature of Faint, Blue, I-K>4 Galaxies: Age or Dust?"
Falco	Smithsonian Astrophysical Observatory	USA	COS	A study of the gravitational lensing potential in MG 0414+0534
Ferguson	Space Telescope Science Institute	USA	COS	Deep UV Imaging of the Hubble Deep Field
Graham	"University of California, Berkeley"	USA	COS	IR Surface Brightness Fluctuations of Fornax Cluster Galaxies
Hu	"U. of Hawaii, Institute for Astronomy"	USA	COS	High-resolution IR and optical imaging of the fields around a large sample of z > 4.5 quasars
Illingworth	"Lick Observatory, UC Santa Cruz"	USA	COS	The Nature of Galaxies in the HDF from HST Structural and Keck Kinematical Measurements
Jackson	"Jodrell Bank, University of Manchester"	UK	COS	NICMOS observations of JVAS/CLASS gravitational lenses
Kennicutt	Steward Observatory	USA	COS	DETERMINATION OF THE EXTRAGALACTIC DISTANCE SCALE.

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Koo	"Lick Observatory, UC Santa Cruz"	USA	COS	Spatial Structures and Masses of Faint Field Galaxies
Lehar	Smithsonian Astrophysical Observatory	USA	COS	Survey of Gravitational Lenses as Cosmological Tools
Moller	Space Telescope Science Institute	USA	COS	STIS images of 48 damped LyAlpha galaxies
Maoz	"University of California, Berkeley"	USA	COS	Calibration of the Cepheid P-L Relation with Observations of the Maser-Host Galaxy NGC 4258
McCarthy	The Carnegie Observatories	USA	COS	NICMOS Extragalactic Parallel Grism Survey
Moustakas	University of California	USA	COS	The Nature of Red Outlier Galaxies: Age vs Dust
Perlmutter	Lawrence Berkeley Laboratory	USA	COS	COSMOLOGICAL PARAMETERS Omega AND Lambda FROM HIGH-REDSHIFT TYPE Ia SUPERNOVAE
Readhead	California Institute of Technology	USA	COS	NICMOS observations of the gravitational lens 1608+656
Sandage	Carnegie Institution of Washington	USA	COS	Calibration of Nearby Type Ia Supernovae as Standard Candles: The Next Three-Year Step
Schmidt	Mount Stromlo and Siding Spring Obs	Australia	COS	The Hubble Diagram for Distant Supernovae: Measuring Cosmic Deceleration and Global Curvature
Shara	Space Telescope Science Institue	USA	COS	The nature of the extragalactic UV background
Smail	Durham University	UK	COS	An Unbiased Redshift Survey of Ultra-Faint Galaxies
Tanvir	Institute of Astronomy	UK	COS	The distance to M96 from H-band Cepheid observations
Tonry	Institute for Astronomy	USA	COS	The SBF Hubble Diagram
Tsvetanov	Johns Hopkins University	USA	COS	The Surface Brightness Fluctuations and Globular Cluster Populations of Virgo Ellipticals
Turner	Princeton University Observatory	USA	COS	"Gravitational Lensing Enhanced NICMOS Imagery of a Young, Rapidly Evolving Faint Blue Galaxy"
Windhorst	"Arizona State University"	USA	COS	NICMOS imaging of MuJy radio sources with $R \geq 29$ : The birth of AGN in pregalactic objects at $z \approx 6-10$ ?
Yahil	University at Stony Brook	USA	COS	IMAGE RECONSTRUCTION AND PHOTOMETRY OF THE HUBBLE DEEP FIELD
Zepf	"University of California, Berkeley"	USA	COS	"Determining Peculiar Motions by Observing Cepheids at 3,000 km/s"
Basri	University of California	USA	CS	Ultraviolet Line Eclipses by Extrasolar Planets
Bennett	University of Colorado	USA	CS	The 1997/98 Eclipse of VV Cephei
Boehm-Vitense	"Astronomy Department, U. of Washington"	USA	CS	Chromospheres and transition layers in Hyades and Pleiades F stars
Bookbinder	Smithsonian Astrophysical Observatory	USA	CS	Eclipse Mapping of the Touchstone Binary System YY Gem
Brown	California Institute of Technology	USA	CS	A Search for Zodiacal Dust around Bright Nearby Stars
Clayton	Louisiana State University	USA	CS	DUST FORMATION AROUND R CORONAE BOREALIS STARS: WHERE IS THE CO?
Dupree	Smithsonian Astrophysical Observatory	USA	CS	Direct Imaging of Betelgeuse
Edvardsson	Uppsala Astronomical Observatory	Sweden	CS	Boron in the extreme Pop II star HD 140283
Evans	Smithsonian Astrophysical Observatory	USA	CS	The Mass of the Classical Cepheid ADS 14859

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Franz	Lowell Observatory	USA	CS	The Masses of the Brown Dwarf Candidate GL 623B and of the Low Luminosity Binary GL 831
Golimowski	Johns Hopkins University	USA	CS	A Near-Infrared Search for Very Low Mass Companions to Stars within 10 pc of the Sun
Henry	Space Telescope Science Institute	USA	CS	Calibrating the Mass-Luminosity Relation at the End of the Main Sequence
Jordan	"U. of Oxford, Department of Physics"	UK	CS	Epsilon Eri: Structure and Non-Thermal Heating
Leinert	Max-Planck-Institut fuer Astronomie	Germany	CS	Infrared spectroscopic study of the very low mass triple system LHS 1070
Linsky	JILA	USA	CS	Physical Processes in Stellar Atmospheres: Comparative Analysis of the Sun and Alpha Cen A
Lopez	Observatoire de la Côte d'Azur	France	CS	Infrared Imaging of the Dust Shell Structures of the Mira Stars o Ceti and R Leo
Parsons	Computer Sciences Corporation	USA	CS	Fixing the Mass of the Bright Giant HD 173764
Peterson	Astrophysical Advances	USA	CS	Chromospheric Activity in Old Stars: Halo Subdwarfs' Variability
Peterson	Astrophysical Advances	USA	CS	Mass Loss in Globular Cluster Giants: NGC 6752
Peterson	Astrophysical Advances	USA	CS	Chromospheric Activity in Old Stars: HD 106516
Reid	California Institute of Technology	USA	CS	Low-mass Halo Binaries
Allen	Space Telescope Science Institute	USA	GAL1	"A Photometric Atlas of the Bright Galaxies , in the Deepest HST Fields"
Bershady	The Pennsylvania State University	USA	GAL1	The Internal Kinematics of Distant Spiral Galaxies: Evolution of the Mass-to-Light Ratio
Carollo	Johns Hopkins University	USA	GAL1	The nuclear kinematics of kinematically distinct cores
Crotts	Columbia University	USA	GAL1	Understanding Halo Microlensing and Variable Stars in M31: 1) Snapshot Survey of Candidates
Geisler	Kitt Peak National Observatory	USA	GAL1	The Metallicity Distribution of the Globular Cluster Systems of Giant Elliptical Galaxies
Heap	NASA/Goddard Space Flight Center	USA	GAL1	UV Spectral Dating of Galaxies
Ibata	"University of British Columbia"	Canada	GAL1	Proper Motion of the Sagittarius Dwarf Galaxy
Ibata	"University of British Columbia"	Canada	GAL1	Velocity Structure in High Redshift Galaxies
Kuijken	Kapteyn Institute	The Netherlands	GAL1	Nuclear kinematics and stellar population gradients in the recent merger remnants NGC 7252 & NGC 3921.
O'Connell	University of Virginia	USA	GAL1	Spatially-Resolved Spectroscopy of the UVX in Elliptical Galaxies
Odewahn	Arizona State University	USA	GAL1	Fourier-Based Neural Network Galaxy Classifiers: Archival studies of field galaxy evolution
Olszewski	"Steward Observatory, Univ of Arizona"	USA	GAL1	Absolute Proper Motions of Nearby Dwarf Spheroidal Galaxies
Peacock	Royal Observatory Edinburgh	UK	GAL1	Structures and colours of the oldest galaxies at redshift 1.5
Peletier	Kapteyn Astronomical Institute	The Netherlands	GAL1	"The formation of bulges of spiral galaxies: , Central visual-infrared color gradients"
Richstone	University of Michigan	USA	GAL1	Black Holes and the Centers of Galaxies
Silk	"University of California, Berkeley"	USA	GAL1	The Globular Cluster Luminosity Function

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Stiavelli	Space Telescope Science Institute	USA	GAL1	Near-IR properties of the bulges of spiral galaxies
van der Marel	"Hubble Fellow, Inst. for Advanced Study"	USA	GAL1	Nuclear brightness profiles of merger remnants: do mergers form ellipticals ?
Zaritsky	"University of California, Santa Cruz"	USA	GAL1	A Search for Extended Stellar Galactic Halos
Beaulieu	Johns Hopkins University	USA	GAL2	The inner region of the starburst galaxy NGC5102.
Bershady	Penn State University	USA	GAL2	The Rise of Blue Nucleated Galaxies: Evidence for Merger-Induced Evolution?
Casertano	Space Telescope Science Institute	USA	GAL2	"Star Formation, Mass Distribution and Dark Matter in Galaxies at $z \sim 0.6$ "
Charlton	The Pennsylvania State University	USA	GAL2	From Globular Clusters to Tidal Dwarfs: Structure Formation in Tidal Tails
Ellingson	University of Colorado	USA	GAL2	Star Formation in a Protogalaxy Candidate at $z=2.72$
Gallagher	University of Wisconsin-Madison	USA	GAL2	Structures of Starburst Galaxies
Heap	NASA/Goddard Space Flight Center	USA	GAL2	Morphological and Spectral Evolution of Galaxies
Keel	University of Alabama	USA	GAL2	Do Massive Star Clusters Form in Young and Weak Galaxy Interactions?
Koo	"Lick Observatory, UC Santa Cruz"	USA	GAL2	Sizes and Structures of Faint Blue Compact Galaxies that are New Candidates for Proto-Spheroidal Galaxies
Leitherer	Space Telescope Science Institute	USA	GAL2	The Stellar Content Of Giant HII Regions
Miller	Department of Terrestrial Magnetism	USA	GAL2	Dwarf Elliptical Galaxy Snapshot Survey II
O'Connell	University of Virginia	USA	GAL2	THE FOSSIL STARBURST IN M82
Schweizer	Carnegie Institution of Washington	USA	GAL2	YOUNG GLOBULAR CLUSTERS IN MERGER REMNANTS -- PART 4
Scoville	California Institute of Technology	USA	GAL2	Spiral Structure and OB Star Formation in M51
Bolte	"University of California, Santa Cruz"	USA	HS	The White Dwarf Luminosity Function in NGC 188
Bond	Space Telescope Science Institute	USA	HS	Sakurai's Novalike Object: Real-Time Monitoring of a Stellar Thermal Pulse
Drissen	Universite Laval	Canada	HS	NGC 2363 V1: a rare case of major LBV eruption
Gies	Georgia State University	USA	HS	The Masses of the O-type Binary 15 Monocerotis
Hamann	"Lehrstuhl Astrophysik, U. Potsdam"	Germany	HS	UV Spectroscopy of Wolf-Rayet-Type Central Stars in the Magellanic Clouds
Heber	Astronomisches Inst. der U. Erlangen- Nuernberg	Germany	HS	Resolving sdB binary systems
Jordan	"U. Kiel, Institut fuer Astronomie und Astrophysik"	Germany	HS	HST observations of the DAB white dwarf HS 0209+0832: testing explanations for the "DB gap"
Koenigsberger	Instituto de Astronomia UNAM	Mexico	HS	The Changing Wind Structure of the Erupting SMC WN/LBV system HD 5980
Kudritzki	Universitaets-Sternwarte Muenchen	Germany	HS	The Wind-momentum Luminosity Relationship for M31 and M33 B-supergiants
Moffat	Universite de Montreal	Canada	HS	Dust Formation in Hot Stellar Winds: Infra-Red Imaging of the Wolf-Rayet Binary WR137
Pena	"Instituto de Astronomia, UNAM"	Mexico	HS	LONG SLIT OBSERVATIONS OF THE WR CENTRAL STAR OF THE LMC-PN N66

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Shara	Space Telescope Science Institute	USA	HS	A Continuing Snapshot Survey for Compact Stellar Groups and Clusters around Wolf-Rayet Stars
Shipman	University of Delaware	USA	HS	White Dwarf Stars in Visual Binaries: Testing Stellar Degeneracy
Venn	Macalester College	USA	HS	Evidence from Boron for Massive Star Evolution
Walborn	Space Telescope Science Institute	USA	HS	Compact Stellar Groups in the 30 Doradus Nebula and their Nebular Environment
Walter	State University of New York	USA	HS	"Parallax, Proper Motion, and Spectral Energy Distribution of an Isolated Old Neutron Star"
Winget	University of Texas at Austin	USA	HS	A Critical Test of Crystallization in White Dwarf Stars
Bomans	University of Illinois at Urbana-Champaign	USA	ISM	Interfaces Between Hot and Cold Gas: The Superbubble N51D in the LMC
Boulanger	Institut d'Astrophysique Spatiale	France	ISM	High-Velocity Gas and Dust Evolution in Chamaeleon Clouds
Danks	Hughes STX/GSFC	USA	ISM	Studies of the Characteristics of the Interstellar Medium in the Carina Nebula
Guhathakurta	"UCO/Lick Observatory, UC Santa Cruz"	USA	ISM	Probing the Fine-Scale Structure and Colors of Interstellar "Cirrus" Clouds
Haller	"Steward Observatory, U. of Arizona"	USA	ISM	Distribution of Forbidden Iron Fe II Emission at the Galactic Center
Herbig	University of Hawaii	USA	ISM	Imagery of IC 349
Holberg	University of Arizona	USA	ISM	A STIS Probe of Unique ISM Lines-of-Sight Having Measured H and He Ionization Fractions
Keenan	The Queen's University of Belfast	N. Ireland	ISM	Spectroscopy of the interstellar medium in the Magellanic Bridge
Linsky	JILA	USA	ISM	Exploring the Outer Heliosphere with STIS
Meyer	Northwestern University	USA	ISM	The Physical Characteristics of Small-Scale ISM Structure
Rubin	NASA Ames Research Center	USA	ISM	HST Observations of Orion -- Probing the Origin of Abundance Anomalies in H II Regions
Savage	University of Wisconsin-Madison	USA	ISM	Abundances and Physical Conditions in the Low and Intermediate Velocity Gas Toward Mu Columbae
Sembach	The Johns Hopkins University	USA	ISM	The Origin of Highly Ionized Gas in the Milky Way and Its Relationship To Large Galactic Structures
Walsh	ST European Coordinating Facility	Germany	ISM	Parallel high resolution imaging of diffuse objects in the Magellanic Clouds
Walter	South Carolina State University	USA	ISM	UV-OPTICAL SPECTRA AND IMAGERY OF THE BUBBLE NEBULA NGC 7635
Walterbos	New Mexico State University	USA	ISM	Massive Stars as Ionization Sources for Diffuse Ionized Gas in Spiral Galaxies
Walterbos	New Mexico State University	USA	ISM	The Stellar Populations Inside Expanding HI Shells in the Spiral Galaxy M33
Barcons	Instituto de Fisica de Cantabria (CSIC-UC)	Spain	QAL	CIV in extensive gaseous halos of QSO Lyman alpha absorbing galaxies
Bechtold	"Steward Observatory, U. of Arizona"	USA	QAL	Molecular Hydrogen in the Damped LyAlpha Absorber of Q1331+170
Bregman	University of Michigan	USA	QAL	Cooled Gas in X-Ray Emitting Elliptical Galaxies
Burles	University of California San Diego	USA	QAL	Measurement of the Cosmological Baryon to Photon Ratio
Cohen	"University of California, San Diego"	USA	QAL	Observations of a BL Lacertid with a Unique Absorption Line System

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Cote	ESO	Germany	QAL	Galaxy Rotation Curves at Large Radius using Ly-alpha Absorption Lines
Deharveng	Laboratoire Astronomie Spatiale	France	QAL	A snapshot survey for UV bright Quasars at redshift below 3
Hogan	University of Washington	USA	QAL	Helium Absorption by Protogalactic Gas
Lanzetta	SUNY at Stony Brook	USA	QAL	The Chemical Content of the Universe at $z < 1.6$
Lowenthal	UCO/Lick Observatory	USA	QAL	H-alpha\ Imaging of an Elusive Damped Ly-alpha\ cloud at $z=0.6$
Malkan	University of California	USA	QAL	The Nature of the Damped LyAlpha Absorbers -- A New Study of Young Galaxies
Pettini	Royal Greenwich Observatory	UK	QAL	The Primordial Abundance of Deuterium From a Metal-Poor Damped Lym= an=20 Alpha System
Reimers	Hamburger Sternwarte	Germany	QAL	STIS Snapshot Search for UV-bright High Redshift Quasars
Smette	Kapteyn Astronomical Institute	The Netherlands	QAL	Gravitational Lensing by Damped Ly-Alpha Absorbers
Steidel	California Institute of Technology	USA	QAL	NICMOS Imaging of QSO Absorption--Selected Galaxies at $z > 1$
Stocke	"University of Colorado, Boulder"	USA	QAL	ORIGIN AND PHYSICAL CONDITIONS IN THE LOCAL Ly-alpha FOREST
Blair	Johns Hopkins University	USA	SE	Spatially-resolved FUV Spectra of the Primary Shock in the Cygnus Loop
Brage	University of Lund	Sweden	SE	Hyperfine Induced Transitions as Probes of Low Density Plasmas
Davidson	University of Minnesota	USA	SE	STIS observations of Eta Carinae: Good spectral coverage at last
Dinerstein	University of Texas at Austin	USA	SE	Observations of Circumstellar UV Absorption Lines from the Neutral Envelopes of Planetary Nebulae
Ferland	University of Kentucky	USA	SE	Abell 39 --- The Theoretician's Nebula Confronts The Theoreticians
Fesen	Dartmouth College	USA	SE	A WFPC2 Search for Surviving Binary Companions in SN Ia Remnants
Fesen	Dartmouth College	USA	SE	High-Resolution Imaging of Ejecta Knots in the Cassiopeia A SNR
Grebel	Astronomisches Institut der U. Wuerzburg	Germany	SE	Sher #25 in NGC 3603: A Galactic counterpart of SN 1987 A's progenitor
Hajian	United States Naval Observatory	USA	SE	Expansion Parallax Distances to Planetary Nebulae
Hamilton	JILA	USA	SE	Far UV Echelle Spectroscopy of Ejecta in SN1006
Harrington	University of Maryland	USA	SE	Collimation of Astrophysical Jets: The Proto-Planetary Nebula He 3-1475
Hester	Arizona State University	USA	SE	Continuation of Temporal Monitoring of the Crab Synchrotron Nebula
Humphreys	University of Minnesota	USA	SE	High Resolution Imaging and Spectroscopy of Cool Hypergiants Near the Top of the HR Diagram
Kirshner	Harvard College Observatory	USA	SE	SINS: The Supernova INTensive Study - Cycle 7
Latter	NASA Ames Research Center	USA	SE	Unscrambling the Egg and Other Young Planetary Nebulae
McCaughrean	Max-Planck Institute for Astronomy	Germany	SE	Infrared H_2 imaging of the highly symmetric proto-stellar jets HH212 and HH111
Morse	University of Colorado	USA	SE	The Distribution of Heavy Elements in Supernova Ejecta



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PI	Institution	Country	Panel	Title
O'Dell	Rice University	USA	SE	Spectrophotometry and Imaging of Cometary Knots in the Helix Nebula
Panagia	Space Telescope Science Institute	USA	SE	The TRUE three-dimensional structure of the Eta Carinae nebula
Ringwald	The Pennsylvania State University	USA	SE	A Snapshot Survey of Nova Shells
Sahai	"JPL, California Institute of Technology"	USA	SE	CRL2688: The Rosetta Stone for the Evolution of AGB Red Giants into Bipolar Planetary Nebulae
Van Winckel	"Instituut voor Sterrenkunde, K.U.Leuven"	Belgium	SE	Understanding the Red Rectangle and its central binary HD 44179
Bennett	University of Notre Dame	USA	SP	Snapshot Survey of Microlensed Source Stars
Bragaglia	Osservatorio Astronomico Bologna	Italy	SP	White Dwarf Distance and Precision Age for Globular Clusters
Cook	Lawrence Livermore National Laboratory	USA	SP	Halo Microlens Source Systems and their Underlying Stellar Backgrounds
Da Costa	Mt Stromlo & Siding Spring Obs.	Australia	SP	The Horizontal Branch of the M31 Dwarf Spheroidal Companion And III
Fullton	Space Telescope Science Institute	USA	SP	Ages of extreme metallicity globular clusters near the Galactic Center
Landsman	Hughes STX	USA	SP	A Complete Sample of Hot Post-AGB Stars in Globular Clusters
Lennon	Universitaets-Sternwarte Munich	Germany	SP	Understanding high-redshift and starburst galaxies: A UV spectroscopic survey of O-stars in the SMC
Massey	National Optical Astronomy Observatories	USA	SP	The Evolution of Massive Stars as a Function of Metallicity: Closing the Loop Observationally
Meylan	European Southern Observatory	Germany	SP	Precise Astrometry in the Core of the Globular Cluster 47 Tuc: A Complete Census of High-Velocity Stars
Oestlin	Astronomiska observatoriet	Sweden	SP	A Search For Old Stars in IZw18
Paresce	European Southern Observatory	Germany	SP	Searching for Low Mass Stars: the Mass Function at the Hydrogen Burning Limit
Seitzer	University of Michigan	USA	SP	Extragalactic Open Clusters: A Catalog of Clusters in M31 and M33
Skillman	University of Minnesota	USA	SP	Star Formation Histories of Dwarf Irregular Galaxies II: the Old Populations of IC 1613 and Sextans A
Smecker-Hane	University of California	USA	SP	The Star-Formation History of the Large Magellanic Cloud
Sosin	"University of California, Berkeley"	USA	SP	A Snapshot Survey of Galactic Globular Clusters
Tosi	Osservatorio Astronomico di Bologna	Italy	SP	NGC 1705: a Benchmark for Galaxy Evolution
van Altena	Yale University	USA	SP	Tangential Velocities of Globular Clusters: Preliminary Analysis for First-Epoch Material
van Altena	Yale University	USA	SP	Internal Velocity Distribution in Globular Clusters
Worthey	University of Michigan	USA	SP	NICMOS Imaging of Red Giants in M32
WYSE	Johns Hopkins University	USA	SP	The Low Mass Stellar Luminosity Function in Dwarf Spheroidal Galaxies
Ballester	University of Michigan	USA	SS	H-Lyman Alpha Emission from the Upper Atmosphere of Uranus
Beebe	New Mexico State University	USA	SS	Study of Jovian Dynamics by Combining Global and Temporal HST Observations with Galileo Data
Bosh	Lowell Observatory	USA	SS	Albedos and Sizes of Planetary Ring Particles

## Cycle 7 Approved Programs

PI	Institution	Country	Panel	Title
Clarke	University of Michigan	USA	SS	HST Far-UV Imaging and Spectra of Jupiter's Aurora Coordinated with GALILEO
Elliot	Massachusetts Institute of Technology	USA	SS	Triton's Atmospheric Structure: Problems with Present Models
Elliot	Massachusetts Institute of Technology	USA	SS	Triton's Distorted Atmosphere
Feldman	The Johns Hopkins University	USA	SS	A Campaign to Determine the CO and $\text{C}_2$ Abundances in Cometary Nuclei
French	Wellesley College	USA	SS	Saturn's Rings
Gerard	Universite de Liege	Belgium	SS	Mapping of the H <sub>2</sub> Emission and Color Ratio in the Jovian Aurora
Goguen	Jet Propulsion Laboratory	USA	SS	Composition and Heterogeneity of Io's Volcanos from Polarimetry of Their Thermal Emission
Harrington	NASA GSFC/National Research Council	USA	SS	Jovian Planetary Waves
James	University of Toledo	USA	SS	SYNOPTIC MONITORING OF SEASONAL PHENOMENA ON MARS
LAMY	Laboratoire d'Astronomie Spatiale	France	SS	"The nucleus of comet 55P/Tempel-Tuttle, the parent of the Leonid Meteors"
Lemmon	Lunar and Planetary Laboratory	USA	SS	Spatially resolved multispectral investigation of Titan's troposphere and stratosphere
McCarthy	The University of Arizona	USA	SS	Mineralogic Mapping of Asteroid 4 Vesta
Noll	Space Telescope Science Institute	USA	SS	Saturn's Satellites: Alteration of the Surface by Ion Irradiation on Enceladus and Tethys
Noll	Space Telescope Science Institute	USA	SS	Spatial Distribution of Ozone and Sulfur Dioxide on Ganymede and Europa
Olkin	Lowell Observatory	USA	SS	The mass ratio of Charon to Pluto
Spencer	Lowell Observatory	USA	SS	Global Mapping of Molecular Oxygen on Ganymede
Sromovsky	University of Wisconsin	USA	SS	Multispectral Investigation of Dynamics and Cloud Structure on Neptune
Tomasko	Lunar and Planetary Lab	USA	SS	Uranus' Vertical Haze Structure and its Variation with Latitude
Weaver	Johns Hopkins University	USA	SS	Investigating Volatile Depletion in Two Periodic Comets: 2P/Encke and 103P/Hartley 2
Weaver	Johns Hopkins University	USA	SS	Systematic Investigation of C/1995 O1 (Hale-Bopp) : Part 3
West	"JPL, California Institute of Technology"	USA	SS	Jovian Global Photometry During the Galileo Epoch
Wolff	Space Science Institute	USA	SS	A New Look at Martian Ice Clouds
Zappala	Osservatorio Astronomico di Torino	Italy	SS	A search for main-belt binary asteroids
Brandner	Astronomisches Institut der U. Wuerzburg	Germany	YS	An HST/NICMOS search for young brown dwarfs and giant planets
Carr	Naval Research Laboratory	USA	YS	Water in Protoplanetary Disks
Figer	"University of California, Los Angeles"	USA	YS	Compact Young Clusters and the $r^{-2}$ Cusp near the Galactic Center
Ghez	University of California Los Angeles	USA	YS	Circumbinary Disks: Tracing the Mass and Energy Transfer in Young Binary Systems
Hartigan	"Space Physics & Astronomy, Rice U."	USA	YS	The Interaction of Accretion Disks with Protostellar Binaries

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Hartmann	Smithsonian Astrophysical Observatory	USA	YS	THE DUSTY ENVIRONMENTS OF PROTOSTARS
Kalas	Max-Planck-Institute for Astronomy	Germany	YS	NICMOS and WFPC2 Imaging of a New Beta Pic-like Circumstellar Dust Disk
Lagrange	laboratoire d'Astrophysique; BP53X	France	YS	STIS observations of Beta Pictoris
Mathieu	University of Wisconsin - Madison	USA	YS	Dynamical Masses for the Stars in the Pre-Main- Sequence Spectroscopic Binary 045251+3016
McCaughrean	Max-Planck-Institute for Astronomy	Germany	YS	Multi-wavelength imaging of circumstellar disks in the Orion Nebula
Meyer	Max-Planck-Institut fuer Astronomie	Germany	YS	Probing the Very Low Mass IMF: Brown Dwarf Stars in Star-Forming Regions
Mundt	Max-Planck-Institut fuer Astronomie	Germany	YS	Spectroscopic Imaging of CW Tau -- Clues to the Structure and Collimation of T Tauri Star Winds
Najita	Center for Astrophysics	USA	YS	The IMF Below 1M $\odot$ in Young Clusters: 1.9 $\mu$ m H <sub>2</sub> O Band Imaging of IC348
Padgett	Jet Propulsion Laboratory	USA	YS	NICMOS Imaging of Young Stellar Object Circumstellar Nebulosity
Reipurth	European Southern Observatory	Chile	YS	Thackeray's globules in IC 2944: H $\alpha$ imaging with WFPC2
Simon	State University of New York	USA	YS	Orbits of Pre-Main Sequence Binaries
Simon	State University of New York	USA	YS	The Nature of T Tau S
Stapelfeldt	Jet Propulsion Laboratory	USA	YS	T Tauri Star Snapshot Survey: A Census of Protoplanetary Disks
Terebey	California Institute of Technology	USA	YS	The Small Scale Structure of Protostellar Disks and Infall Envelopes
Weintraub	Vanderbilt University	USA	YS	"Coronagraphic, Polarimetric Imaging of T Tau with NICMOS"
Wood	University of Wisconsin	USA	YS	The Morphology Of Protostellar Environments
Zinnecker	Astrophysikalisches Institut Potsdam	Germany	YS	The low-mass pre-MS stellar content of the 30 Dor starburst cluster