

NASA APPROVED PROGRAMS FOR THE 4TH YEAR

PRINCIPAL INVESTIGATOR	SPONSOR	PROG ID
A'HEARN ULTRAVIOLET SPECTROPHOTOMETRY OF COMETS	MICHAEL F. MARYLAND	SCDMA
ADELMAN ABUNDANCES OF THE ELEMENTS IN SHARP-LINED NORMAL LATE B TYPE STARS	SAUL J. CITADEL	HSDSA
AKE UV OBSERVATIONS OF THE UNSEEN COMPANION TO ZETA CANCRI C	THOMAS B. CSC	FBDTA
ALLER STRATIFICATION EFFECTS AND DIAGNOSTICS FOR PLANETARY NEBULAE	LAWRENCE H. CAL LA	NPDLA
AUER WIND-WIND INTERACTIONS IN WOLF-RAYET BINARIES	LARRY H. PENN ST.	WRDLA
AYRES CALIBRATION OF THE SWP ECHELLE MODE FOR CHROMOSPHERIC EMISSION SOURCES	THOMAS R. COLORADO	CSDTA
AYRES SWP ECHELLE SPECTRA OF CHROMOSPHERICALLY ACTIVE DWARF STARS	THOMAS R. COLORADO	CCDTA
AYRES TIMING CAPELLA IN THE ULTRAVIOLET	THOMAS R. COLORADO	RSDTA
BARKER THE IONIZATION ABUNDANCE OF C, N, & NE IN PLANETARY NEBULAE	TIMOTHY WHEATON	NPDTB
BARKER SPECTROSCOPY AND ZEEMAN POLARIMETRY OF HELIUM-RICH MAGNETOSPHERES AND WINDS	PAUL F CANADA	HRDPB
BEAVERS THE RADIAL VELOCITY STUDIES: WHITE DWARF SYSTEMS	WILLET I. IOWA STATE	WDDWB
BLAIR ULTRAVIOLET SPECTROSCOPY OF YOUNG COMPACT REGIONS IN DENSE MOLECULAR CLOUDS	GUY N. ELEC-MAG-APS.	INDGB
BOGCESS UV OBSERVATIONS OF SEYFERT GALAXIES	ALBERT GSFC	QSDAB
BOGCESS THE RESONANCE LINES OF NEUTRAL & IONIZED HELIUM IN A HIGH REDSHIFT QUASAR	ALBERT GSFC	HZLAB
BOGCESS A STUDY OF TEMPORAL VARIATIONS IN THE SPECTRUM OF HH SGE	ALBERT GSFC	ZADAB
BOHM HERBIG-HARO OBJECTS	K. H. WASH.	HHDKB
BOHM-VITENSE WHITE DWARF COMPANIONS OF STARS WITH PECULIAR S PROCESS AND CNO ABUNDANCES	ERIKA WASH.	CBDEB

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BOND A SEARCH FOR CATAclySMIC BINARIES	HOWARD E. LOUISIANA ST.	CVDHB CONTAINING STRONGLY MAGNETIC WHITE DWARFS
BOWYER A STUDY OF RS CVN STARS IN THE ULTRAVIOLET	C. STUART CAL BERKELEY	RSDCB
BOWYER MAGNETIC VARIABILITY IN XI BOOTES A	C. STUART CAL BERKELEY	CSDCB
BOWYER HIGH DISPERSION OBSERVATION OF HZ 43	C. STUART CAL BERKELEY	FBDCC
BRUHWEILER THE INTERSTELLAR MEDIUM WITHIN 50PC OF THE SUN THROUGH OBSERVATIONS OF WHITE DWARFS	FREDERICK C. CSC	INDFB
CALDWELL SOLAR SYSTEM INVESTIGATIONS WITH THE IUE SATELLITE	JOHN STONY BROOK	SPDJC
CASH, JR. IUE STUDY OF THE CYGNUS SUPERBUBBLE	WEBSTER C. COLORADO	IGDWC
CODE STUDY OF THE ULTRAVIOLET POPULATION IN GLOBULAR CLUSTERS OF THE MAGELLANIC CLOUDS	ARTHUR D. WISCONSIN	GCEAC
COHEN THE STELLAR POPULATION OF NORMAL GALAXIES	JUDITH G. CAL TECH	EGDJC
CONTI MASS LOSS FROM EARLY-TYPE STARS	PETER C. COLORADO	MLDPC
CORDOVA THE DWARF NOVA OUTBURST & X-RAY EMITTING CATAclySMIC VARIABLE STARS	FRANCE LOS ALAMOS	CVDFC
COWIE ABSORPTION LINE STUDIES OF GIANT SHELLS IN THE GALACTIC DISK	LENOX L. MIT	IGDLC
DAVIDSON IUE OBSERVATIONS OF MARKARIAN 359, PARTICULARLY TO DETERMINE POSSIBLE REDDENING	KRIS MINNESOTA	OSDKD
DEAN THE NATURE OF THE RUNAWAY O STARS	CHARLES A. S M SYSTEMS	BADCD
DRILLING ULTRAVIOLET SPECTROSCOPY OF OB+ STARS	JOHN S. LOUISIANA ST.	HSDJD
DUPREE STUDY OF THE LOCAL INTERSTELLAR MEDIUM	ANDREA K. CFA - SAO	IGDAD
DUPREE EVOLVED CHROMOSPHERES & CORONAE IN GIANTS IN THE PRAESEPE CLUSTER	ANDREA K. CFA - SAO	CCDAD

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DUPREE CONTINUATION OF ULTRAVIOLET STUDIES OF VV CEPHEI	ANDREA K. CFA - SAO	VVDAD
DUPREE ULTRAVIOLET OBSERVATIONS OF THE VARIABILITY OF THE DOUBLE QUASAR 0957+561 A, B	ANDREA K. CFA - SAO	QSDAD
EATON CHROMOSPHERIC EMISSION OF W URSAE MAJORIS STARS	JOEL A. VANDERBILT	CBDJE
EATON EXPANDING ATMOSPHERES OF WOLF-RAYET COMPONENTS OF V444 CYG AND CV SER	JOEL A. VANDERBILT	WRDJE
EVANS ULTRAVIOLET SPECTROSCOPY OF THE BINARY CEPHEID SU CYGNI	NANCY R. F CANADA	DCDNE
FEIBELMAN OBSERVATIONS OF VARIABLE & EVOLVING PLANETARY OR PROTO-PLANETARY NEBULAE	WALTER A. GSFC	NPDWF
FEKEL MASS DETERMINATION OF EVOLVED & EARLY TYPE STARS	FRANCIS C. GSFC	CBDFP
FELDMAN OBSERVATIONS OF COMETS WITH IUE	PAUL D. JOHNS HOPKINS	SCDPF
GELLER OBSERVATIONS OF VARIABLE X-RAY SEYFERT GALAXIES	MARGARET J. CFA - HARVARD	QSDMG
GIAMPAPA THE TRANSITION REGIONS & CORONAE OF SOLAR-TYPE STARS	MARK S. CFA - SAO	CCDMG
GIAMPAPA HIGH DISPERSION, LONG WAVELENGTH STUDIES OF T TAURI STARS	MARK S. CFA - SAO	TTDMG
GLASSGOLD OSO EMISSION LINES & IONIZING RADIATION	A. E. NEW YORK U.	QSDAG
GLASSGOLD MULTIFREQUENCY OBSERVATIONS OF BL LAC OBJECTS & VIOLENTLY VARIABLE QSOS	A. E. NEW YORK U.	ELDAG
GRANDI REDDENING MEASUREMENTS FOR SEYFERT 1 GALAXIES USING	STEVEN A. CAL LA	QSDSG
GREEN HIGH REDSHIFT QUASARS	RICHARD F. ARIZONA	QSDRG
GREEN VERY HOT SUBDWARFS FROM THE PALOMAR-GREEN SURVEY	RICHARD F. ARIZONA	FBDRG
GUINAN ULTRAVIOLET STUDIES OF NOVA-LIKE VARIABLES	EDWARD F. VILLANOVA	CVDEG

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GULL LONG EXPOSURE OBSERVATIONS OF EXTRAGALACTIC OBJECTS	THEODORE GSFC	GHDTG
GULL A VERY YOUNG SUPERNOVA REMNANT IN THE LARGE MAGELLANIC CLOUD	THEODORE GSFC	HSDTG
GUNN UV ENERGY DISTRIBUTION OF CD GALAXIES	JAMES E. PRINCETON	EGDJG
HALLAM ROTATIONAL MODULATION & CYCLIC BEHAVIOR IN NEAR-SOLAR TYPE STARS	KENNETH GSFC	CCDKH
HARRINGTON ATTENUATION OF RESONANCE LINE RADIATION AND CARBON ABUND IN NGC2440 & IC 2165	J. P. MARYLAND	HPDJH
HARTMANN ON THE TEMPERATURE STRUCTURE OF STELLAR WINDS IN COOL STARS	LEE W. CFA - SAO	MLDLH
HECHT DUST EXTINCTION IN R CRB TYPE STARS	JAMES GSFC	RCDJH
HECKATHORN A STUDY OF SHELL STRUCTURES ASSOCIABLE WITH WOLF-RAYET STARS	JOY N. CSC	WRDJH
HELPER UV OBSERVATIONS OF THE CONTINUA OF NEBULAE & THEIR EXCITING STARS	H. L. ROCHESTER	NDDHH
HENDEN AN INVESTIGATION OF THE BEAT CEPHEID TU CAS	ARNE A. SASC	CCCAH
HERBIG EVOLUTIONARY DECAY OF THE CHROMOSPHERES OF GO-G2 DWARFS	GEORGE H. CAL S CRUZ	CSDGH
HODGE B STAR MASS LOSS DURING STELLAR EVOLUTION	PAUL W. WASH.	MLDPH
HOLH PHASE-RESOLVED SPECTROPHOTOMETRY OF THE ZZ CETI VARIABLE G 29-38	ALBERT V. CSC	FBDAA
HOLH UV STUDY OF UX UNA AND RELATED OBJECTS	ALBERT V. CSC	CVDAH
HUCHRA HOT GALAXIES WITH IUE	JOHN P. CFA - SAO	EGDJH
HUMPHREYS ULTRAVIOLET SPECTROSCOPY OF THE BRIGHTEST SUPERGIANTS IN M31 AND M33	ROBERTA H. MINNESOTA	HSDRH
IMHOFF ULTRAVIOLET OBSERVATIONS OF PRE-MAIN SEQUENCE EMISSION-LINE STARS	CATHERINE L. ARIZONA	HHDCI

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JACKSON A PROPOSAL FOR COMETARY OBSERVATIONS WITH THE IUE	W. H. HOWARD	SCDWJ
JOHNSON IUE STUDIES OF X-RAY K-H DWARFS	H. H. LOCKHEED	CCDHJ
JOHNSON STUDIES OF THE ULTRAVIOLET SPECTRA OF CARBON STARS	HOLLIS R. INDIANA	CSDHJ
JUGAKU HW-HG TYPE, SI TYPE AND HELIUM-WEAK TYPE STARS	JUN F JAPAN	BPDJJ
KAPATOS ULTRAVIOLET OBSERVATIONS OF THE PECULIAR EMISSION-LINE OBJECT RX PUPPIS	HINAS GEORGE HASON	ZADMK
KALER CENTRAL STARS OF LARGE PLANETARY NEBULAE	JAMES B. ILLINOIS	NPDJK
KALLMAN IUE OBSERVATIONS OF X-RAY BINARIES: HIGH RESOLUTION OBSERVATION OF SMC X-1	TIMOTHY R. MIT	IBDTK
KIPLINGER A STUDY OF TIME-DEPENDENT DISK ACCRETION IN DWARF NOVAE	ALAN L. ARS	CVDAK
KONDO QUASI-SIMULTANEOUS OBSERVATIONS OF BL LAC OBJECTS IN SEVERAL WAVELENGTH REGIONS	YOJI GSFC	ELDYK
LANBERT PECULIAR RED GIANTS: A SEARCH FOR WHITE DWARF COMPANIONS	DAVID L. TEXAS	CBDDL
LANBERT ULTRAVIOLET SPECTROSCOPY OF SYMBIOTIC STARS, RECURRENT & OLD NOVAE	DAVID L. TEXAS	CVDDL
LANDSTREET ULTRAVIOLET SPECTROPHOTOMETRY OF THE MAGNETIC WHITE DWARF GD 229	J. D. F CANADA	FBDJL
LANE UV SPECTROPHOTOMETRY OF THE SATURNIAN SATELLITES IAPETUS & RHEA	ARTHUR L. JPL	SSCAL
LIEBERT AN ATTEMPT TO DETECT A HOT DEGENERATE COMPANION TO THE DWARF CARBON STAR G77-61	JAMES W. ARIZONA	CBDJL
LINSKY THE YOUNG STARS IN THE URSA MAJOR CLUSTER AND STREAM	JEFFREY L. COLORADO	CCDJL
LINSKY HIGH RESOLUTION SPECTRA OF TWO BRIGHT SPOTTED STARS	JEFFREY L. COLORADO	FSDJL
LINSKY HIGH RESOLUTION SPECTRA OF AN EVOLVED SOLAR-LIKE STAR, BETA HYI (G2IV)	JEFFREY L. COLORADO	CSDJL

PRINCIPAL INVESTIGATOR	SPONSOR	PROG ID
LINSKY THE QUIET AND PLAGE COMPONENT OF THE ACTIVE STARS IN RS CVN BINARY SYSTEMS	JEFFREY L. COLORADO	RSDJL
HARAN THE CARBON ABUNDANCE IN PLANETARY NEBULAE IN THE MAGELLANIC CLOUDS	STEPHEN P. GSFC	NPDSM
MASSEY ECLIPSING AND LOW MASS FUNCTION WOLF-RAYET BINARIES	PHILIP F CANADA	WRDPM
MATILSKY OBSERVATIONS OF THETA 1 B ORIONIS USING IUE	TERRY FUTGERS	CBDTM
MATSON ULTRAVIOLET SPECTROPHOTOMETRY OF THE GALILEAN SATELLITES OF JUPITER	DENNIS L. JPL	SJDDM
MATSON ULTRAVIOLET REFLECTANCE SPECTROSCOPY OF SELECTED ASTEROIDS	DENNIS L. JPL	SADDM
MCCLUSKEY INVESTIGATIVE SURVEY OF MASS FLOW IN SELECTED SHORT PERIOD BINARIES	GEORGE E. LEHIGH	MLDGM
MICHALITSIANOS M-TYPE SYMBIOTIC STARS THAT EXHIBIT STELLAR & THERMAL DUST EMISSION IN THE INFRARED	ANDREW G. GSFC	ZACAM
MOOS STUDY OF THE JOVIAN AURORAL INTENSITIES & THE TORUS OF IO USING IUE	H. WARREN JCHNS HOPKINS	SJEHM
MOOS IUE OBSERVATIONS OF THE SATURN URANUS SYSTEMS IN SUPPORT OF THE VOYAGER MISSION	H. WARREN JCHNS HOPKINS	SPDHM
MULLAN OBS OF DISCR CHROMO EM LINE PROF ASYMM & VAR ASYMM IN LATE-TYPE STARS	DERMOTT J. DELAWARE	MGDDM
NOYES STUDY OF ACTIVE REGIONS ON SOLAR-TYPE DWARFS AS A FUNCTION OF ROTATION AND AGE	ROBERT W. CFA - SAO	CCDRN
PANEK UV VARIABILITY OF AP STARS	ROBERT J. CSC	APDRP
PANEK THE ORION NEBULA STAR CLUSTER	ROBERT J. CSC	HSDRP
PETERS THREE-PHASE DIAGNOSTICS OF NONTHERMAL AND BINARITY EFFECTS IN BE STARS	GERALDINE J. SOUTHERN CAL	BEDGP
PETERS A STUDY OF MASS LOSS AT POLAR LATITUDES IN BE STARS	GERALDINE J. SOUTHERN CAL	MLDGP
PLAVEC INTERACTING CLOSE BINARY STARS OF LONGER PERIOD	MIROSLAV J. CAL LA	CBDMF

PRINCIPAL INVESTIGATOR	SFCNSOR	PROG ID
PRAVDO STARS AND X-RAY SOURCES IN AN X-RAY ACTIVE REGION OF ORION	STEVEN H. CAL TECH	CSDSP
PUETTER UV SPECTROPHOTOMETRY OF THE 4000 ANGSTROM TO 2000 ANGSTROM "BUMP"	RICHARD C. CAL SAN DIEGO	CSDRP
RAKOS OBSERVATIONS OF FOUR HOT PECULIAR AP STARS	KARL D. F AUSTRIA	EPDKR
RAYMOND ELEMENTAL ABUNDANCES & INTERSTELLAR DUST IN SUPERNOVA REMNANTS	JOHN C. CFA - SAO	INDJR
RAYMOND ULTRAVIOLET OBSERVATIONS OF THE CYGNUS LOOP	JOHN C. CFA - SAO	NSDJR
RAYMOND STELLAR FLARES	JOHN C. CFA - SAO	PSDJR
SARGENT COORD IR OPTICAL, UV, & X-RAY OBSERVATIONS OF HIGH-REDSHIFT QUASAR CONTINUA	W. L. W. CAL TECH	OSDWS
SAVAGE AN INVESTIGATION OF STARS WITH PECULIAR UV EXTINCTION	BLAIR D. WISCONSIN	IEEBS
SAVAGE A STUDY OF R136 AND RELATED OBJECTS	BLAIR D. WISCONSIN	HSEBS
SAVAGE STUDIES OF GAS IN GALACTIC HALOS	BLAIR D. WISCONSIN	GHDBS
SHORE LUMINOUS, EXTENDED ATMOSPHERE STARS IN THE MAGELLANIC CLOUDS	STEVEN N. CASE W. R.	CBDSS
SHULL IUE SPECTROSCOPIC STUDIES OF INTERSTELLAR MATTER AND STELLAR MASS LOSS	J. MICHAEL COLORADO	IGDJS
SIMON A STUDY OF TRANSITION REGION PROPERTIES IN YELLOW GIANTS	THEODORE HAWAII	LGDTs
SIMON ULTRAVIOLET OBSERVATIONS OF YOUNG FIELD STARS	THEODORE HAWAII	CSDTS
SITKO VARIABLE UV EXTINCTION IN HOT STARS WITH CIRCUMSTELLAR DUST SHELLS	MICHAEL L. MINNESOTA	CDDMS
SLETTEBAK CONTINUED ULTRAVIOLET STUDIES OF BE STARS OF LATER TYPES	ARNE OHIO ST.	PEBAS
SMITH UV SPECTROPHOTOMETRY OF QSOs & SEYFERT GALAXIES	HARDING E. CAL SAN DIEGO	QSDHS

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SHEDEN IUE OBSERVATIONS OF WEAK G-BAND STARS	CHRISTOPHER TEXAS	CSDCS
SNOW STELLAR WIND VARIABILITY IN OB STARS	THEODORE P. COLORADO	HSDTS
SNOW OBSERVATIONS OF GRAINS IN THE INTERSTELLAR MEDIUM	THEODORE P. COLORADO	IEDTS
SNOW INTERSTELLAR SI IV & CIV ABUNDANCES IN THE LINES OF SIGHT TOWARDS A STARS	THEODORE P. COLORADO	INDTS
SOIFER IUE OBSERVATIONS OF LYA EMISSION IN BRIGHT MODERATE REDSHIFT QUASARS	B. T. CAL TECH	QSIBS
STARRFIELD ULTRAVIOLET OBSERVATIONS OF GALACTIC NOVAE	SUNNER ARIZONA ST.	CVDSS
STENCEL A STUDY OF THE MG II PROFILES IN THE UV SPECTRA OF SYMBIOTIC STARS	ROBERT E. COLORADO	ZADRS
STENCEL EMISSION MEASURE ANALYSIS OF YELLOW BRIGHT GIANTS WITH CORONAE	ROBERT E. COLORADO	CSDRS
STENCEL REPRESENTATIVE YELLOW GIANTS RED GIANTS & SUPERGIANTS	ROBERT E. COLORADO	LGDRS
STENCEL LATE-TYPE GIANT & SUPERGIANT STARS USING CII LINES AS DIAGNOSTICS	ROBERT E. COLORADO	CCDRS
STERN VARIABILITY OF EMISSION LINES IN X-RAY ACTIVE COOL STARS	ROBERT A. JPL	XSDRS
SZKODY SHORT PERIOD CATAclysmic VARIABLES - VY SCL STARS	PAULA WASH.	CVDPS
THONWARD ABSORPTION LINE STUDIES OF SUPERNOVA REMNANTS IN THE LARGE MAGELLANIC CLOUD	NORBERT CARNEGIE D. C.	NSDNT
TRAUER JOVIAN ATMOSPHERIC DYNAMICS & PHOTOCHEMISTRY	JOHN T. CAL TECH	SJDJT
TURNSEK LYMAN CONTINUUM OBSERVATIONS OF BROAD ABSORPTION LINE QSOS	DAVID A. ARIZONA	QSDDT
WALKER JR. THE CHROMOSPHERES, CORONAE AND TRANSITION REGIONS OF STARS IN THE HYADES	ARTHUR B. C. STANFORD	CCDAW
WAMPLER LUMINOSITY CALIBRATION OF LOW Z QUASARS	E. JOSEPH CAL S CRUZ	QSDW

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WAMPLER A STUDY OF THE STELLAR POPULATION	E. JOSEPH CAL S CRUZ OF NGC 5128	EGDEW
WEAVER IUE OBSERVATIONS OF HIGH VELOCITY	HAROLD CAL BERKELEY CLOUDS	IGDHW
WEGNER OBSERVATIONS OF THE ULTRAVIOLET SPECTRA	GARY A. PENN ST. OF CARBON WHITE DWARFS	WDDGW
WILSON IUE STUDIES OF ACTIVE GALAXIES	ANDREW S. MARYLAND	CSDAW
WITT CORRELATION OF FAR-UV EXTINCTION WITH THE STRENGTH	ADOLF N. TOLEDO OF LAMEDA 4430	DBDAW
WITT ILLUMINATING STARS OF REFLECTION NEBULAE OBSERVED BY ANS & TD-1	ADOLF N. TOLEDO	NREAW
WORRALL SIMULTANEOUS MULTIFREQUENCY OBSERVATIONS OF BL LACERTAE OBJECTS	DIANA M. CAL SAN DIEGO	ELDDW
WU THREE SO GALAXIES SUSPECTED TO HAVE HAD RECENT STAR FORMATION	CHI-CHAO CSC	EGDCW
WU THE PROBABLE STELLAR REMNANT OSUPERNOVA AD1006	CHI-CHAO CSC	FBDCW
WU TARGET OF OPPORTUNITY OBSERVATIONS OF NOVA & X-RAY NOVA	CHI-CHAO CSC	CVFCW
YORK ABSORPTION MEASURES OF GAS IN GALACTIC HALOS	DONALD G. PRINCETON	GHLDY
YORK THE EXTENT OF A HOT GASEOUS GALACTIC HALO	DONALD G. PRINCETON	IGDDY