

NASA APPROVED IUE PROGRAMS FOR THE FIFTEENTH YEAR

<u>PI NAME/TITLE</u>	<u>INSTITUTION</u>	<u>PROGID</u>
Dr. M. A'Hearn IUE Observations of Comets and Related Bodies	U Maryland	COOMA
Dr. T. Ake Collaborative Observations of HDE 332077	CSC - GHRS	INOTA
Dr. T. Ake Coordinated Observations of Interacting Peculiar Red Giant Binaries II	CSC - GHRS	IPOTA
Dr. L. Aller A Study of Two Possibly Variable Planetary Nebulae	UC LA	PNOLA
Dr. C. Anderson A Study of UV Interstellar Extinction Along Sight Lines Sampled by WUPPE	U Wisconsin - Madison	SLOCA
Dr. L. Auer Variability of the Discrete Absorption Components in the Wolf-Rayet Star HD 193077	Los Alamos National Labs.	WROLA
Dr. T. Ayres The Shocking Truth About Beta Cassiopeiae	U Colorado - CASA	BCOTA
Dr. T. Ayres Coronal Topology	U Colorado - CASA	CTOTXARG OF OPP
Dr. S. Balachandran Chromospheric Activity in the Subgiant Branch	U North Carolina	CAOSB
Dr. S. Baliunas The Maunder-Minimum Phase of Old K-Dwarf Stars in the Ultraviolet	Harvard CFA - SAO	MMSOB
Dr. E. Barker SO-2 Abundance on Venus: After Pioneer Venus	U Texas - Austin	VEOEB
Dr. E. Barker The UV Lightcurve and UV Reflectance of the Pluto-Charon System	U Texas - Austin	PCOEB
Dr. G. Basri Observations of EUVE Survey White Dwarf Suspects	UC Berkeley	WDOGB
Dr. E. Bohm-Vitense Transition Layers of Hyades F Stars	U Washington	HFOEB
Dr. H. Bond White-Dwarf Companions of Dwarf Carbon Stars	ST ScI	DCOHB
Dr. J. Bonnell Beryllium and Boron Abundances in Population II Stars	CSC - RDAF	BBOJB
Dr. J. Bookbinder Fe Line Diagnostics of Multiply Shocked Stellar Atmospheres: The Mira S Carinae	Harvard CFA - SAO	FEOJB
Dr. C. Bowyer Heavy Elements Abundances in Hot DA White Dwarfs: C, N, Si, and Fe	UC Berkeley	HEOCBARG OF OPP
Dr. A. Brown Long-Term MG II Variability of Hybrid-Chromosphere Stars	U Colorado - JILA	CCOAB
Dr. A. Brown Simultaneous Multiwavelength Study of "Speedy Mic"	U Colorado - JILA	SMOAB
Dr. A. Brown Origin of Hydrogen Balmer Emission from Stellar Flares on M Dwarfs	U Colorado - JILA	HBOAB

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Dr. A. Brown Completion of a Magnitude-Limited Survey of Single Non-Variable G Supergiants	U Colorado - JILA	MLOAB
Dr. E. Brugel Lyman Alpha Emission as a Diagnostic of Atmospheric Pulsations	U Colorado - CASA	APOEB
Dr. F. Bruhweiler Delineating the Spectral Type Boundary for the Onset of Chromospheric Activity	Catholic University	STOFB
Dr. F. Bruhweiler UV Emission Line Imagery of High Excitation Planetary Nebulae	Catholic University	PNOFB
Dr. J. Cardelli Structure of Interstellar Medium Along Low Density Galactic Sight Lines	U Wisconsin - Madison	IMOJC
Dr. K. Carpenter A Search for CO Molecular Absorption in Far-UV Spectra of Cool Stars	NASA - GSFC	COOKC
Dr. K. Carpenter Simultaneous IUE/HST-GHRS Observations of AU MIC	NASA - GSFC	AUOKC
Dr. S. Casey The Correlation of UV Extinction and IR Emission in Bright Visual Reflection Nebulae	NASA - GSFC	BVOSC
Dr. Y. Chu A New SNR Candidate Hidden in the Luminous HII Region N 159	U Illinois	SNOYC
Dr. J. Clarke H Lyman-alpha Dayglow Emission Line Profiles from Saturn and Uranus	U Michigan	SUOJC
Dr. G. Clayton Catching It In the Act: Predictable Declines in V854 Centauri	U Colorado - CASA	DEOGC
Dr. G. Clayton UV Extinction Properties of Dust in a Region of Active Star Formation	U Colorado - CASA	SFOGC
Dr. R. Cohen The X-ray to IR Continuum of PG 1522+101	UC San Diego	IRORC
Dr. M. Combi Variation of the Solar Lyman Alpha Line Profile with Solar Activity	U Michigan	SOOMC
Dr. P. Conti Spectroscopy of Of/WN Star in M33	U Colorado - CASA	WNOPC
Dr. A. Cowley The Precessing Accretion Disk in the Black-Hole Binary LMC X-3	Arizona State University	ADGAC
Dr. D. Crenshaw IUE and GHRS Spectra of Seyfert Galaxies	CSC - GHRS	AGODC
Dr. A. Crotts SN 1987A Light Echoes: Direct Determination of UV Shock Breakout Flux	Columbia University	SNOAEARG OF OPP
Dr. L. Danly High Signal-to-Noise Observations of the Intermediate Velocity Arch	ST Sci	SNOLD
Dr. L. Dressel Stellar Populations in Early-Type Galaxies with Nuclear Star-Bursts	Applied Research Corporation	WORLD
Dr. J. Drilling UV Spectroscopy of Hot R CrB Stars	Louisiana State University	RCOJWARG OF OPP
Dr. J. Drilling UV Spectroscopy of Very Hot Stars in the Galactic Halo	Louisiana State University	GHOJD
Dr. A. Dupree Study of the Atmosphere of Alpha Orionis	Harvard CFA - SAO	AOOAD

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Dr. J. Eaton Chromospheric Structure and Heating in Semiregular Variables	Tennessee State University	SROJE
Dr. J. Eaton Mapping the Chromosphere of 31 Cygni	Tennessee State University	CYOJE
Dr. J. Eaton TT Hydrae: Accretion Disks and Winds in Algol Binaries	Tennessee State University	ALOJE
Dr. R. Edelson Broadband Microvariability in OJ 287 and MKN 421	NASA - GSFC	BBORE
Dr. N. Evans Evolutionary Studies in Open Clusters	York University - CRESS	OPONE
Dr. W. Feibelman A Study of Bipolar and Protoplanetary Nebulae	NASA - GSFC	BPOWF
Dr. W. Feibelman The Peculiar Planetary M1-77: A Crucial Transition Object	NASA - GSFC	PPOWF
Dr. P. Feldman Observations of Comets with the IUE	Johns Hopkins University	COOPFARG OF OPP
Dr. D. Gies Colliding Winds and Tomography of O-Type Binaries	Georgia State University	OBODG
Dr. C. Grady IUE Observations of New A Star Candidate Proto-Planetary Systems	Catholic University	PPOCG
Dr. E. Guinan The Past, Present and Future Sun: An IUE Investigation of Solar Proxies	Villanova University	SUOEG
Dr. E. Guinan UV Chromospheric Activity in Cool, Short-Period Contact Binaries	Villanova University	CBOEG
Dr. J. Halpern Was 49: Mirror for a Hidden Seyfert 1 Galaxy	Columbia University	SYOJH
Dr. S. Heap A Search for Evolutionary Changes in Planetary Nuclei - A Continuation	NASA - GSFC	PNOSH
Dr. P. Hodge The HR Diagram of NGC 1770	U Washington	HROPH
Dr. J. Holberg IUE Echelle Spectra of a EUV Selected Sample of Bright DA White Dwarfs	U Arizona	WDOJH
Dr. J. Holberg A Study of a Sample of EUV Selected Hot DA Dwarfs	U Arizona	DAOJH
Dr. K. Horne Phase-Dependent Observations of Intermediate Polars	ST ScI	IPOKH
Dr. K. Horne The Broad Emission and Absorption Line Region in NGC 3516	ST ScI	BEOKH
Dr. H. Johnson The Unusual S Star System HD 191589	Indiana University	SSOHJ
Dr. W. Keel Obscuration and Age Effects in Starburst Nuclei	U Alabama	SNOWK
Dr. S. Kepler Temperature of the ZZ Ceti Instability Strip	U Rio Grande do Sul	ZZOSK
Dr. A. Kinney Ultraviolet Spectra of Normal Spiral Galaxies	ST ScI	USOAK

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Dr. R. Kirshner Supernova Spectroscopy	Harvard CFA - SAO	SNORKARG OF OPP
Dr. R. Koch Hot, Massive Close Binaries	U Pennsylvania	CBORK
Dr. D. Koester Lower and Upper Boundaries of the ZZ Ceti Instability Strip	Louisiana State University	ZZODK
Dr. B. Lewis Are Miras with Masers Symbiotic Stars?	Arecibo Observatory - NAIC	SSOBL
Dr. J. Liebert DA White Dwarfs with Peculiar Line Profiles	U Arizona - Steward Obser	DAOJL
Dr. J. Linsky Radiative and Magnetic Properties of Plages on Solar-type Dwarfs	U Colorado - JILA	PSOJL
Dr. J. Linsky A Multiwavelength Campaign of Active Stars w/Intermediate Rotation Rates	U Colorado - JILA	MWOJL
Dr. D. Luttermoser Flourescent Clues to the Atmospheric Shock Structure of Cool Variables	Iowa State University	CVODL
Dr. G. Madejski Coordinated UV and EUV Observations of BL Lac Objects and Seyferts	USRA	BLOGM
Dr. M. Malkan Ultraviolet Spectra of the Complete 12-micron Seyfert 1 Galaxy Sample	UC LA	SYOMM
Dr. C. Mansperger Orbital Coverage of Dwarf Novae in the Ultraviolet	CSC - IUE Observatory	DNOCM
Dr. D. Massa Wind Variability of Rapidly Rotating B Supergiants	Applied Research Corporati	BR00M
Dr. D. Massa A High Dispersion Survey of B Supergiants in Open Clusters	Applied Research Corporati	BB00M
Dr. G. McCluskey Mass Flow in the Interacting Semi-Detached Binary Delta Librae	Lehigh University	DLOGM
Dr. B. McCollum The Circumstellar Material of Socket Stars	CSC - IUE Observatory	SSOBM
Dr. M. McGrath The Auroral and Dayglow Emissions of Saturn and Uranus	Johns Hopkins University	SUOMM
Dr. M. McGrath Targets of Opportunity in the Outer Solar System	Johns Hopkins University	SSOMMARG OF OPP
Dr. M. McGrath Ultraviolet Variability in the Io Plasma Torus	Johns Hopkins University	IOOMM
Dr. D. Meyer High-Velocity Gas in the SN1991T/3C273 Sightline	Northwestern University	SNODM
Dr. T. Meylan Bolometric Corrections of Ap(Si) Stars in Open Clusters using Low Dispersion IUE Spectroscopy	CSC - IUE Observatory	OPOTM
Dr. R. Mushotzky The Origin of the UV Radiation in Active Galaxies: Tests of the Reprocessing Models	NASA - GSFC	AGORM
Dr. J. Neff The Spatially-Resolved Structure of the V711 Tau Stellar Environment	Penn State University	VTOJN
Dr. J. Nichols-Bohlin Simultaneous UV and Optical Study of O Star Winds	CSC - Astronomy Programs	SWOJN

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Dr. M. Peimbert The Carbon Abundance in the Galactic H II Region M17	UNAM - MEXICO	HROMP
Dr. M. Pena High Dispersion Study of BB1	UNAM - MEXICO	HDOMP
Dr. G. Peters IUE Observations of the Early-type Near Contact System TT Aurigae	USC	TTOGP
Dr. B. Peterson International AGN Watch: Probing the Nuclear Regions of NGC 5548	Ohio State University	PNOBP
Dr. B. Peterson International AGN Watch: Mapping the Broad-Line Region in NGC 3783	Ohio State University	AGOBP
Dr. A. Philip Ultraviolet Observations of Field Horizontal-Branch Stars	Institute for Space Obs.	HBOAP
Dr. M. Plavec Eclipses of Three Interacting Binaries	UC LA	IBOMP
Dr. R. Polidan Multiwavelength Study of 17 Leporis	NASA - GSFC	LEORP
Dr. R. Polidan The Peculiar Luminous Star BD+14 3887	NASA - GSFC	PLORP
Dr. R. Polidan V342 AQL: An Active Algol System in the Rapid Mass Transfer Phase?	NASA - GSFC	RMORP
Dr. R. Polidan A Study of Surface Carbon Depletion in the Mass Algol System TU MON	NASA - GSFC	TUORP
Dr. A. Porter Lyman Continua and Absorption Systems in Bright High Redshift Quasars	KPNO	QROAP
Dr. J. Raymond IUE Observations of HUT and ROSAT Targets in the Cygnus Loop	Harvard CFA - SAO	CLOJR
Dr. J. Raymond Accretion Geometries of Long-Period AM Her Stars	Harvard CFA - SAO	AGOJR
Dr. G. Reichert UV and Optical Observations of Liners	USRA	LIOGR
Dr. M. Rodrigue H95c: A Merger Candidate	U Nevada - Reno	MCOMR
Dr. S. Saar Deep SWP Spectra of "Marginal" BY Dra Stars	Harvard CFA - SAO	BYOSS
Dr. S. Saar UV Spectra of the "Super-Cycle" Star: HD 10780	Harvard CFA - SAO	SCOSS
Dr. P. Schmidtke The UV Spectrum of the Low-Mass X-ray Binary 2S0921-630	Arizona State University	BIOPS
Dr. S. Shore Monitoring the Most Massive Stars	CSC - GHRS	LBOS\$ARG OF OPP
Dr. C. Shrader X-Ray Transients as Targets of Opportunity	CSC - GRO	XROCS\$ARG OF OPP
Dr. J. Shull Intrinsic C IV Absorption in PG-QSOs and Seyfert Galaxies	U Colorado - CASA	PGOJS
Dr. T. Simon Convection, Granulation, and Thermal Bifurcation in the A Stars	U Hawaii	TBOTS

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Dr. T. Simon Activity Cycle of the Herbig Ae Star AB Aurigae	U Hawaii	ABOTS
Dr. E. Sion The Cooling of the White Dwarf in U Gem	Villanova University	UGOES
Dr. E. Sion Do DA Stars Have Weak Winds?	Villanova University	WVOES
Dr. E. Sion IUE High Resolution Study of a Newly Discovered PG1159 Star	Villanova University	HROES
Dr. M. Smith Ultraviolet Variations in Alpha-1 Her and Alpha-1 Sco	CSC - Astronomy Programs	AHOMS
Dr. G. Sonneborn Late-Time Spectroscopy of SN 1987-A	NASA - GSFC	SNOGS
Dr. G. Sonneborn An UV Spectrophotometric Census of B Supergiants in the SMC	NASA - GSFC	SMOGS
Dr. G. Sonneborn Anomalous A-Type Supergiants in the Magellanic Clouds	NASA - GSFC	SGOGS
Dr. S. Starrfield Coordinated Multiwavelength Observations of Classical and Recurrent Novae in Outburst	Arizona State University	NOOSSARG OF OPP
Dr. S. Starrfield UV Observations of Novae During the Late States of Their Outbursts	Arizona State University	LNOSS
Dr. R. Stencel Fifteenth Episode Monitoring of Long Period Eclipsing Systems	U Colorado - CASA	LPORS
Dr. R. Stencel Intersystem C II Lines as Shock Diagnostics in Stellar Chromospheres	U Colorado - CASA	SCORS
Dr. S. Stern Comparative UV Studies of New Satellite, Ring, & Asteroidal Targets	Southwest Research Institute	NOOSS
Dr. P. Szkody Target of Opportunity: TT Crt and YY Dra at Outburst	U Washington	TTOP\$ARG OF OPP
Dr. P. Szkody Disk Precession in the Magnetic Old Nova V603 Aql	U Washington	VAOPS
Dr. T. Teays Short Period Type II Cepheids with Carbon Star Characteristics	CSC - IUE Observatory	CCOTT
Dr. D. Turnshek Damped Lyman-alpha Absorption from Low to Moderate Redshift Galaxies	U Pittsburgh	LAODT
Dr. C. Urry Intensive Multiwavelength Monitoring of the Blazar 3C279	ST Sci	MMOCU
Dr. D. Welty Studies of Unusual Far-UV Extinction	U Chicago	UVODW
Dr. J. Wheeler Synoptic Observations of GK Persei	U Texas - Austin	GKOJWARG OF OPP
Dr. B. Whitney Comprehensive Coverage of an R CrB Dust Ejection Cycle	Harvard CFA - SAO	RCOBWARG OF OPP
Dr. B. Wilkes Range of Continuum Properties and the UV/Soft X-ray Connection for Quasars	Harvard CFA - SAO	XROBW
Dr. L. Willson Dust Nucleation and Mass Loss in Miras - L2 Puppis and V CVn	Iowa State University	DNOLW

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Dr. C. Wu Augmentation of the IUE Ultraviolet Spectral Atlas	CSC - ST Sci	SAOCW
Dr. F. Yusef-Zadeh Observations of Bright HH Objects in M42	Northwestern University	HHOFY