

NASA APPROVED IUE PROGRAMS FOR THE FOURTEENTH 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	SCNMA
Dr. S. Adelman IUE Spectrophotometry of Vega-Like Stars	Citadel	VENSA
Dr. S. Adelman IUE Spectrophotometry of Main Sequence B, A, and F Stars	Citadel	BFNSA
Dr. T. Ake Coordinated Observations of Interacting Peculiar REG Giant Binaries	CSC - GHRS	RGNTA
Dr. L. Aller An Intensive Study of the Variable Planetary Nebulae	UC LA	PNMLA
Dr. C. Ambruster The Evolution of 10-7 to 10-8 Yr Old K0-K2 Dwarfs	Villanova University	KDNCA
Dr. L. Auer The Wind Structure of HD 5980	Los Alamos National Labs.	WRNLA
Dr. T. Ayres Coronathon Follow-On	U Colorado - CASA	CCNTA
Dr. S. Baliunas The Maunder-Minimum Phase of Solar-Type Stars in the Ultraviolet	Harvard CFA - SAO	MMNSB
Dr. E. Barker SO 2 on Venus: A Final Cross-Calibration with Pioneer Venus	U Texas - Austin	VENEB
Dr. T. Barker The Ionization Structure of Planetary Nebulae	Wheaton College	PNNTB
Dr. T. Barker IUE Spectra of Peculiar Planetary Nebula	Wheaton College	NPNTB
Dr. G. Basri Temperatures of Hot DA White Dwarfs	UC Berkeley	WDNGB
Dr. W. Blair Scattering and Grain Destruction in the Cygnus Loop	Johns Hopkins University	CLNWB
Dr. K. Bohm The Physical Structure of the Complex Herbig-Haro Object HH2	U Washington	HHNKB
Dr. E. Bohm-Vitense Transition Layers of F and Early G Giants	U Washington	FGNEB
Dr. E. Bohm-Vitense Mass Loss of B3 to B6 Main Sequence Stars	U Washington	MLNEB
Dr. J. Bookbinder Multiband Observations of the Flares on AE Aquarii	Harvard CFA - SAO	AENJB
Dr. C. Bowyer Coordinated IUE and EUVE Observations of Cataclysmic Variables	UC Berkeley	CVNCB
Dr. A. Brown A Magnitude-Limited Survey of Single Non-Variable G Supergiants	U Colorado - JILA	GSNAB
Dr. A. Brown Long-Term MG II Variability of Hybrid-Chromosphere Stars	U Colorado - JILA	CCNAB

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Dr. F. Bruhweiler Magellanic A Supergiants & the Effects of Metallicity on UV Fluxes & Mass Loss	Catholic University	ASNFB
Dr. D. Burstein Age Calibration of Mg II Chromospheric Emission	Arizona State University	CCNDB
Dr. D. Burstein Detection of Tau Neutrino Decay Photons	Arizona State University	DMNDB
Dr. J. Cardelli Characteristics of Extinction in the Disk and Halo Gas	U Wisconsin - Madison	GHNJC
Dr. J. Clarke Simultaneous IUE and IR Observations of Jupiter's Sulphur Aurora	U Michigan	JSNJC
Dr. J. Clarke H Lyman Alpha Emission Line Profile Studies of Jupiter and Saturn	U Michigan	LANJC
Dr. J. Clarke Targets of Opportunity in the Outer Solar System	U Michigan	SSNJC
Dr. P. Conti Spatially Integrated Spectroscopy of Nearby Giant HII Regions	U Colorado - CASA	NENPC
Dr. P. Conti Multi-Wavelength Study of HD50896 (WN+C?) Origin of its Variability	U Colorado - CASA	WNNPC
Dr. P. Conti Spectral Synthesis of Wolf-Rayet Galaxies	U Colorado - CASA	WRNPC
Dr. F. Cordova The Ultraviolet Continuum of the Softest X-ray-Emitting AGN	Penn State University	AGNFC
Dr. A. Cowley Long-Term Variations of the Black-Hole Binary LMC X-3	Arizona State University	XBNAC
Dr. D. Crenshaw IUE and GHRs Spectra of Seyfert Galaxies	CSC - GHRs	AGNDC
Dr. S. Curiel UV Spectra of H ₂ Emitting Shocks	Harvard CFA - SAO	CLNSC
Dr. A. Danks The Connection Between Starburst and Seyfert Galaxies, A Case Study: NGC 1808	STX	SGNAD
Dr. L. Danly IUE Observations of the Intermediate Velocity Arch	ST Sci	IGNLD
Dr. L. Danly IUE Observations of a Possible Galactic Chimney	ST Sci	GANLD
Dr. R. Dufour Ultraviolet Spectroscopy of the Helix Nebula	Rice University	NENRD
Dr. A. Dupree Periodic Variability in the Hybrid Supergiant: Alpha Aquarii	Harvard CFA - SAO	AANAD
Dr. A. Dupree Alpha Ori: A Case Study	Harvard CFA - SAO	LSNAD
Dr. J. Eaton Chromospheric Structure and Heating in Semiregular Variables	Tennessee State Univ.	SRNJE
Dr. J. Eaton The Chromosphere and Wind of Al Velorum	Tennessee State Univ.	CBNJE
Dr. J. Eaton Long-Term Observations of 31 Cygni	Tennessee State	IBNJE

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Dr. N. Evans Binaries in the Hertzsprung Gap?	York University - Canada	BSNNE
Dr. N. Evans Classical Cepheid Luminosities	York University - Canada	DCNNE
Dr. P. Feldman Observations of Comets with IUE	Johns Hopkins University	SCNPF
Dr. A. Filippenko UV Observations of Wolf-Rayet Stars in NGC 4214	UC Berkeley	WRNAF
Dr. C. Grady IUE Observations of Mass Outflows in Beta Pictoris and A-Shell Stars	Catholic University	BPNCG
Dr. C. Grady IUE Observations of A and B Star Candidate Proto-Planetary Systems	Catholic University	PPNCG
Dr. E. Guinan Activity Cycles in Stars with Highly Active Chromospheres	Villanova University	RSNEG
Dr. E. Guinan Deciphering Long-Term Photospheric and Chromospheric Activity on VW Cep	Villanova University	VWNEG
Dr. E. Guinan ER Vul: Studying Solar Magnetic Activity in the Extreme	Villanova University	ERNEG
Dr. E. Guinan An Ultraviolet Study of Solar Proxies of Different Ages	Villanova University	SUNEG
Dr. J. Hackwell The Link Between UV Extinction and IR Cirrus	Aerospace Corporation	IRNJH
Dr. S. Heap A Search for Evolutionary Changes in Planetary Nuclei	NASA - GSFC	PNNSH
Dr. T. Heckman The Far-Ultraviolet Spectra of Powerful Far-Infrared Galaxies	Johns Hopkins University	IGNTH
Dr. J. Holberg IUE Observations of Hot DA White Dwarfs Detected by the ROSAT WFC	U Arizona	WONJH
Dr. J. Holberg IUE Observations of the DAB White Dwarf G104-27 & Its Interstellar Environment	U Arizona	DANJH
Dr. R. Humphreys B (e) Supergiants in the Magellanic Clouds	U Minnesota	BENRH
Dr. J. Hutchings Continuum and UV Extinction in O Stars in M33 and M31	DAO	WONJH
Dr. C. Imhoff The 2200 A Extinction Feature in the Taurus Dark Clouds - II	CSC - Astronomy Programs	IMNCI
Dr. P. Judge The Mira/Semi-Regular Connection II	U Colorado - CASA	SRNPJ
Dr. M. Kafatos UV Observations of the R Aquarii Jet Using HST and IUE	George Mason University	RJNMK
Dr. M. Kafatos Observations of Symbiotic Stars	George Mason University	ZANMK
Dr. M. Karovska Coordinated IUE and Speckle Observations of R Aqr Central Region	Harvard CFA - SAO	RANMK
Dr. S. Kenyon IUE Observations of the X-Ray Binary HD 154791	Harvard CFA - SAO	XBNSK

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Dr. S. Kepler What is the Amount of Hydrogen at the Surface of a White Dwarf?	U Montreal	WDNSK
Dr. A. Kinney Intermediate Redshift Counterparts to High Redshift Lyman Alpha Galaxies	ST Sci	LANAK
Dr. R. Kirshner Supernova Spectroscopy	Harvard University	SNNRK
Dr. R. Koch Hot, Massive Close Binaries	U Pennsylvania	CBNRK
Dr. R. Levreault Observations of the "High" State of FU Orionis Variable Z Canis Majoris	Wesleyan University	FUNRL
Dr. J. Linsky Relationships Between Magnetic Fields & Non-Thermal Emission on the LMS	U Colorado - JILA	LDNJL
Dr. D. Luttermoser Flourescent Clues to the Atmospheric Structure of Cool, Variable Stars	Iowa State University	LGNDL
Dr. A. Magalhaes Dust in the Small Magellanic Cloud	U Wisconsin - Madison	MCNAM
Dr. D. Massa The UV Extinction Properties of Carina Nebular Dust	Applied Research Corp.	EXNDM
Dr. M. McGrath IO and the Plasma Torus	Johns Hopkins University	IONMM
Dr. M. McGrath Ultraviolet Emissions from Saturn and Uranus	Johns Hopkins University	SSNMM
Dr. D. Meyer The Structure of Interstellar Clouds at the Smallest Scales	Northwestern University	ISNDM
Dr. A. Michalitsianos Coodinated IUE-Groundbased Observations of the Peculiar Object MWC 560	NASA - GSFC	ELNAM
Dr. H. Moos Excitation and Heating of the Jovian Atmosphere	Johns Hopkins University	SJNHM
Dr. J. Neff Fifth Epoch Doppler Imaging Observations of AR Lacertae	NASA - GSFC	ARNJN
Dr. J. Nichols-Bohlin UV and Optical Covariability of O Star Winds	CSC - Astronomy Programs	OBNJN
Dr. J. Patterson X-Ray Selected Cataclysmic Variables	Columbia University	CVNJP
Dr. M. Perez MG II Lines as Diagnostic of PMS Nature in Herbig Ae/Be Stars	CSC - IUE Observatory	AENMP
Dr. G. Peters Multiwavelength Observations of "Rapid Variable" Be-Shell Stars	USC	BENGP
Dr. B. Peterson International AGN Watch: Mapping the Broad-Line Region in NGC 3783	Ohio State University	AGNBP
Dr. R. Polidan Pseudo-Luminous Stars in Binary Systems	NASA - GSFC	IBNRP
Dr. A. Porter EUVE and IUE Observations of Quasars in Directions of Low Neutral Hydrogen	KPNO - NOAO	QSNAP
Dr. L. Ramsey Quiescent Prominences in Eclipsing RS CVns	Penn State University	RSNLR

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Dr. J. Raymond UV Spectra of Nearly Synchronous Magnetic Cataclysmic Variables	Harvard CFA - SAO	CVNJR
Dr. R. Rich IUE Observations of a New Planetary Nebula Central Star Candidate	Columbia University	PNNRR
Dr. R. Robinson Structure and Dynamics of HD32918	CSC - GHRS	FKNRR
Dr. R. Robinson A Search for Energetic Transient Activity in Cool, Giant Stars	CSC - GHRS	RFNRR
Dr. S. Saar Long-Term Variability of Magnetic Structures on BD +26 730	Harvard CFA - SAO	BYNSS
Dr. B. Savage Galactic Radial Inflow/Outflow of Highly Ionized Gas	U Wisconsin - Madison	GHNBS
Dr. S. Shore Monitoring the Most Massive Stars	CSC - GHRS	LBNSS
Dr. C. Shrader X-Ray Transients as Targets of Opportunity	CSC - GRO	XTNCS
Dr. J. Shull Absorption-Line Studies of Three Seyfert Galaxies	U Colorado - CASA	AGNJS
Dr. T. Simon The Ultraviolet Variability of BP Tauri	U Hawaii	TTNTS
Dr. T. Simon Chromospheric Activity in the Hyades Cluster	U Hawaii	CCNTS
Dr. T. Simon Chromospheric Activity in A and F Stars	U Hawaii	AFNTS
Dr. E. Sion IUE Echelle Studies of the Very Luminous ROSAT EUV Source SFC1631+782	Villanova University	CBNES
Dr. E. Sion Evolutionary State of Helium Transfer Cataclysmics	Villanova University	CVNES
Dr. M. Sitko Variable Extinction in Hot Stars with Circumstellar Dust	U Cincinnati	CSNMS
Dr. E. Skillman The Carbon Abundance in SBS 0335-052 and the Time Evolution of C/O	U Minnesota	EGNES
Dr. G. Smith The Coevality of the HR 1614 Moving Group	UC Santa Cruz	MGNGS
Dr. T. Snow UV Optical Study of Variability in the Wind from P Cygni	U Colorado - CASA	PCNTS
Dr. T. Snow Studies of Dense Interstellar Clouds: Using IUE to Probe Shocked Regions	U Colorado - CASA	ISNTS
Dr. G. Sonneborn Continuing Ultraviolet Spectroscopy of SN 1987A	NASA - GSFC	SNNGS
Dr. G. Sonneborn Outburst Studies of High Galactic Latitude Large-Amplitude Cataclysmic	NASA - GSFC	CVNGS
Dr. S. Starrfield Coord. Multiwavelength Observations of Classical & Recurrent Novae in Outburst	Arizona State University	NBNSS
Dr. S. Starrfield Coordinated Multiwavelength Observations of Late Stages in the Outbursts	Arizona State University	CVNSS

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Dr. S. Starrfield Target of Opportunity Observations of Galactic Novae in Outburst	Arizona State University	NONSS
Dr. R. Stencel Ultraviolet Monitoring of VV Cephei	U Colorado - CASA	VVNS
Dr. P. Szkody An IUE Study of Two Interesting New Novalikes	U Washington	CVNPS
Dr. T. Teays The Blazhko Effect	CSC - IUE Observatory	RRNTT
Dr. S. Torres-Peimbert Carbon Abundances of Halo Planetary Nebulae	UNAM	PNNST
Dr. D. Turnshek UV Studies of Abundances in BAL QSOs	U Pittsburgh	QSNDT
Dr. D. Turnshek Damped Lyman-alpha Absorption From Low to Moderate Redshift Galaxies	U Pittsburgh	LANDT
Dr. B. Twarog IUE Observations of Extremely Metal-Deficient Red Giants	U Kansas	RGNBT
Dr. C. Urry Intensive Multifrequency Monitoring of PKS 2155-204	ST Sci	BLNCU
Dr. S. Vennes The Phase Variation of the Ultraviolet Spectrum of Feige 24	U Delaware	WDNSV
Dr. D. Welty UV Extinction in High Latitude Clouds. II	U Chicago	EXNDW
Dr. B. Whitney The Role of Pulsational Shock Waves in the R CrB Behavior of RY Sgr	Harvard CFA - SAO	RYNBW
Dr. B. Whitney Comprehensive Coverage of an R CrB Dust Ejection Cycle	Harvard CFA - SAO	RCNBW
Dr. D. Whittle Anisotropic Continuum Emission in Seyferts	U Virginia	AGNDW
Dr. L. Willson Polarization and Dust Nucleation in Mass-losing Red Giants	Iowa State University	RGNLW
Dr. C. Wu Augmentation of the IUE Ultraviolet Spectral Atlas	CSC - ST Sci	SANCW