



New Jersey State Library

NATIONAL SCIENCE FOUNDATION
AWARDS TO THE STATE OF NEW JERSEY
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STATE/ CNTRY	SUBMITTING INSTITUTION PRINCIPAL INVESTIGATORS	PROJECT TITLE / AWARD NUMBER	ANNUAL RATE \$	PROP. AMTS PROP. DUR	AWARD AMTS AWARD DUR
NJ	AEROCHEM RESEARCH LABS MILLER WILLIAM J	THE COMBUSTION CHEMISTRY OF AL AND FE IN COAL-FIRED MHD GENERATORS ENG-7400077	\$25,000	\$67,000 24 MONTHS	\$25,000 12 MONTHS
NJ	AMER RES CTR IN EGYPT INC GINGERICH, GWEN	SURVEY OF ARABIC SCIENTIFIC MANUSCRIPTS IN CAIRO SOC-7518047	\$4,000	\$4,000 12 MONTHS	\$4,000 12 MONTHS
NJ	BLOOMFIELD COL SIEGEL MARSHALL M	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512629	\$1,850	\$3,800 0 MONTHS	\$3,700 24 MONTHS
NJ	COUNCIL FOR ADV SCI WRIT FRALEY, PIERRE C	A SERIES OF SEMINARS ON SOCIAL SCIENCE RESEARCH METHODS FOR REPORTERS AND EDITORS PUS-7522278	\$50,400	\$50,400 12 MONTHS	\$50,400 12 MONTHS
NJ	DREW UNIV DOMBER EDWARD A	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512102	\$3,400	\$6,800 0 MONTHS	\$6,800 24 MONTHS
NJ	EDUCATIONAL TESTING SERV JAMISON, DEAN	COMPUTER AND COMMUNICATION TECHNOLOGIES AND EFFICIENCY IN EDUCATION EPP-7423504	\$15,000	\$76,900 22 MONTHS	\$15,000 7 MONTHS
NJ	EDUCATIONAL TESTING SERV ANASTASIO, ERNEST J	EVALUATION OF DEMONSTRATIONS BEING CONDUCTED BY UNIVERSITY OF ILLINOIS AND MITRE OF RESPECTIVE CAI SYSTEMS (C731) EPP-7515349	\$248,088	\$248,100 12 MONTHS	\$248,088 0 MONTHS

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NJ	EDUCATIONAL TESTING SERV CARLSON ALFRED B REILLY RICHARD R	EVALUATION OF THE PERFORMANCE OF LAWYERS SOC-7516153	\$52,300	\$57,400 12 MONTHS	\$52,300 12 MONTHS
NJ	EXXON RES & ENGR COMPANY GHOSH, AMAL K	HETEROGENEOUS SENSITIZED DECOMPOSITION OF WATER WITH SUNLIGHT ERP-7513901	\$69,600	\$69,600 12 MONTHS	\$69,600 12 MONTHS
NJ	FAIRLEIGH DICKINSON UNIV TEANECK CAMPUS FORDHAM WILLIAM D	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512492	\$4,000	\$9,500 0 MONTHS	\$8,000 24 MONTHS
NJ	FAIRLEIGH DICKINSON UNIV TEANECK CAMPUS COURVILLE, G E	INQUIRY-ORIENTED TEACHING METHODS FOR PRE-SERVICE ELEMENTARY TEACHERS EPP-7505780	\$59,500	\$53,900 12 MONTHS	\$59,500 12 MONTHS
NJ	FAIRLEIGH DICKINSON UNIV TEANECK CAMPUS LESK, ARTHUR M	APPLICATION OF COMPUTER-GRAPHIC TECHNIQUES TO X-RAY STRUC- TURE DETERMINATIONS OF BIOLOGICAL MACROMOLECULES DCR-7424390	\$5,950	\$50,700 24 MONTHS	\$11,900 24 MONTHS
NJ	INDIVIDUAL AWARD HILTZ, STARR R	1975 FACULTY SCIENCE FELLOWSHIP HES-7520768	\$3,516	\$15,240 52 MONTHS	\$15,240 52 MONTHS
NJ	INDIVIDUAL AWARD ALLRED, DAVID D	1975 POSTDOCTORAL ENERGY FELLOWSHIP AWARD HES-7519857	\$4,500	\$13,500 36 MONTHS	\$13,500 36 MONTHS

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NJ	INDIVIDUAL AWARD PAYNE, PHILIP W	1975 POSTDOCTORAL ENERGY FELLOWSHIP AWARD HES-7519890	\$4,616	\$13,850 36 MONTHS	\$13,850 36 MONTHS
NJ	INDIVIDUAL AWARD PAULIS, RICHARD V	SUPPORT FOR NSF GRADUATE FELLOW TO STUDY AT THE UNIVERSITY OF LEEDS, LEEDS, ENGLAND HES-7522154	\$956	\$5,100 64 MONTHS	\$5,100 64 MONTHS
NJ	KEAN COLLEGE OF N.J. MEYERSON A L	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512010	\$10,000	\$20,000 0 MONTHS	\$20,000 24 MONTHS
NJ	MATHEMATICA ANDERSON ROBERT J	AN EVALUATION OF THE PRINCIPAL RESULTS AND IMPACTS OF THE NATIONAL SCIENCE FOUNDATION'S SCIENCE INFORMATION PROGRAM (C1023) PRM-7519067	\$130,434	\$173,912 14 MONTHS	\$173,912 16 MONTHS
NJ	MONMOUTH COL VAN ARSDALE JACK M	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7511256	\$650	\$1,300 0 MONTHS	\$1,300 24 MONTHS
NJ	N J INST OF TECHNOLOGY HUANG CHING-RON COPLEY ALFRED L	STUDY OF THIXOTROPIC BEHAVIOR OF BLOOD ENG-7421092	\$27,600	\$59,100 12 MONTHS	\$27,600 12 MONTHS
NJ	N J INST OF TECHNOLOGY TUROFF, MURRAY	ELECTRONIC SCIENTIFIC AND TECHNICAL COMMUNICATION TEST FACILITY SIS-7506783	\$197,000	\$237,200 12 MONTHS	\$197,000 12 MONTHS

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NJ	PRINCETON UNIV STEIN, ELIAS M	HARMONIC ANALYSIS AND DIFFERENTIAL EQUATIONS MPS-7500434	\$45,200	\$70,800 12 MONTHS	\$45,200 12 MONTHS
NJ	PRINCETON UNIV DURBIN, ENOCH J	SENIOR FOREIGN ENERGY SCHOLARS PROGRAM, 1975-76 HES-7518209	\$22,800	\$22,800 18 MONTHS	\$22,800 12 MONTHS
NJ	PRINCETON UNIV MAY, ROBERT M	PRACTICAL APPLICATIONS OF ECOLOGICAL THEORY BMS-7510464	\$7,500	\$46,900 24 MONTHS	\$15,000 24 MONTHS
NJ	PRINCETON UNIV PINDER, GEORGE F GRAY, WILLIAM G	PERFORMANCE EVALUATION OF GEOTHERMAL RESERVOIRS AER-7516384	\$93,150	\$186,300 24 MONTHS	\$186,300 24 MONTHS
NJ	PRINCETON UNIV HOPFIELD, JOHN J	EXPERIMENTAL AND THEORETICAL STUDIES ON THE PHYSICS OF BIOLOGICAL MOLECULES DMR-7514264	\$30,000	\$88,400 24 MONTHS	\$30,000 12 MONTHS
NJ	PRINCETON UNIV LAURIE, VICTOR W	MICROWAVE STUDIES OF MOLECULAR PROPERTIES MPS-7513416	\$40,500	\$57,300 12 MONTHS	\$40,500 12 MONTHS
NJ	PRINCETON UNIV SHAFFER, GLENN R	THE ASSESSMENT OF STATISTICAL EVIDENCE MPS-7513833	\$7,300	\$9,000 12 MONTHS	\$7,300 12 MONTHS

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NJ	PRINCETON UNIV DWORK, BERNARD M SHIMURA, GORO	ANALYTIC AND ALGEBRAIC METHODS IN GEOMETRY AND NUMBER THEORY MPS-7512831	\$55,300	\$472,600 60 MONTHS	\$55,300 12 MONTHS
NJ	PRINCETON UNIV ARDEN, BRUCE W	MACHINE INDEPENDENT COMPUTER SYSTEM MODELLING DCR-7418655	\$22,650	\$45,300 24 MONTHS	\$45,300 24 MONTHS
NJ	PRINCETON UNIV GILLISPIE, CHARLES C	A HISTORY OF SCIENCE AND POLITY IN FRANCE SOC-7502950	\$39,100	\$173,400 36 MONTHS	\$39,100 12 MONTHS
NJ	PRINCETON UNIV KINSMAN, DAVID J	MARINE EVAPORITES IN RELICT AND PROT-OCEAN BASINS DES-7514675	\$17,650	\$71,000 24 MONTHS	\$35,300 24 MONTHS
NJ	PRINCETON UNIV CRERAR, DAVID A	THERMODYNAMIC STUDIES OF HYDROTHERMAL SOLUTIONS DES-7514929	\$22,550	\$45,100 24 MONTHS	\$45,100 24 MONTHS
NJ	PRINCETON UNIV RUDY, JERRY W	MEMORY MECHANISMS AND THE CS PRE-EXPOSURE EFFECT BMS-7510427	\$25,000	\$64,100 24 MONTHS	\$50,000 24 MONTHS
NJ	PRINCETON UNIV TROTTER, HALE F	COMPUTATIONS IN KNOT THEORY AND ALGEBRAIC NUMBER THEORY MPS-7509370	\$18,000	\$38,000 24 MONTHS	\$18,000 12 MONTHS

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NJ	PRINCETON UNIV BONNER, J T	DEVELOPMENT IN THE CELLULAR SLIME MOLDS BMS-7509229	\$36,000	\$203,400 36 MONTHS	\$72,000 24 MONTHS
NJ	PRINCETON UNIV SWEENEY, THOMAS E	AN ADVANCED TECHNOLOGY WINDMILL CONCEPT AER-7507908	\$99,300	\$134,000 12 MONTHS	\$99,300 12 MONTHS
NJ	PRINCETON UNIV GEERTZ, HILDRED	DOCTORAL DISSERTATION RESEARCH IN ANTHROPOLOGY SOC-7510600	\$2,400	\$2,400 12 MONTHS	\$2,400 12 MONTHS
NJ	PRINCETON UNIV ENDLER, JOHN A	ADAPTIVE COLORATION AND ECOLOGICAL GENETICS OF PŒCILIA BMS-7511903	\$26,300	\$45,300 24 MONTHS	\$52,600 24 MONTHS
NJ	PRINCETON UNIV SCHWARTZ, STUART C	ADAPTIVE DETECTION AND RECURSIVE ESTIMATION ENG-7509610	\$22,550	\$66,600 24 MONTHS	\$45,100 24 MONTHS
NJ	PRINCETON UNIV BARGMANN, VALETINE SIMON, BARRY M	MATHEMATICAL PHYSICS MPS-7511864	\$39,600	\$200,900 36 MONTHS	\$39,600 12 MONTHS
NJ	PRINCETON UNIV GUNNING ROBERT C	TOPOLOGICAL METHODS IN COMPLEX ANALYSIS MPS-7509629	\$28,700	\$249,700 60 MONTHS	\$28,700 12 MONTHS

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NJ	PRINCETON UNIV LISK ROBERT D	PROGESTERONE REGULATION OF THE REPRODUCTIVE CYCLE BMS-7505720	\$39,800	\$124,700 36 MONTHS	\$39,800 12 MONTHS
NJ	PRINCETON UNIV BROWDER HSIANG WILLIAM WU-CHUNG	MANIFOLDS AND ALGEBRAIC TOPOLOGY MPS-7509445	\$101,500	\$120,800 12 MONTHS	\$101,500 12 MONTHS
NJ	PRINCETON UNIV NELSON ALMGREN EDWARD FREDERICKJ	APPLICATIONS OF FUNCTIONAL ANALYSIS AND GEOMETRIC MEASURE THEORY MPS-7509836	\$41,900	\$304,700 60 MONTHS	\$41,900 12 MONTHS
NJ	PRINCETON UNIV BLINDER ALAN S	INCOME DISTRIBUTION AND STABILIZATION POLICY SOC-7510611	\$22,300	\$65,600 36 MONTHS	\$22,300 12 MONTHS
NJ	PRINCETON UNIV BRACCO F V DRYER FREDRICK L GLASSMAN IRVIN	COMBUSTION OF MULTICOMPONENT HYDROCARBON FUELS AER-7509538	\$250,000	\$250,000 12 MONTHS	\$250,000 12 MONTHS
NJ	PRINCETON UNIV JOHNSON SHIMOMURA FRANK OSAMU H	BIOCHEMISTRY OF LUMINESCENCE BMS-7517443	\$25,000	\$26,000 0 MONTHS	\$25,000 0 MONTHS
NJ	PRINCETON UNIV BRANSON WILLIAM H	FLOWS AND STOCKS IN MACROECONOMIC EQUILIBRIUM SOC-7515462	\$23,142	\$72,600 12 MONTHS	\$27,000 14 MONTHS

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NJ	PRINCETON UNIV FISCHER ALFRED G	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512651	\$3,650	\$7,900 0 MONTHS	\$7,300 24 MONTHS
NJ	PRINCETON UNIV CARVER THOMAS R SCHNATTERLY STEPHEN E	MAGNETIC RESONANCE, OPTICAL, AND ELECTRON SCATTERING SPECTROMETRY OF SOLIDS DMR-7517923	\$90,000	\$90,000 12 MONTHS	\$90,000 12 MONTHS
NJ	PRINCETON UNIV PHINNEY ROBERT A DAHLEN F A	OBSERVATIONAL AND THEORETICAL SEISMIC STUDIES OF LATERAL HETEROGENEITIES DES-7515209	\$50,000	\$158,600 24 MONTHS	\$50,000 12 MONTHS
NJ	PRINCETON UNIV TURKEVICH JOHN	US-USSR PROGRAM OF SCIENTIFIC AND TECHNICAL COOPERATION IN THE FIELD OF CATALYSIS: SYMPOSIUM ON CATALYSIS, JUNE 23-25, 1975, PRINCETON UNIVERSITY MPS-7519105	\$11,900	\$17,600 6 MONTHS	\$11,900 6 MONTHS
NJ	PRINCETON UNIV LEVINE ARNOLD J	TESTICULAR TERATOMAS OF MICE BMS-7504042	\$53,850	\$122,600 24 MONTHS	\$107,700 24 MONTHS
NJ	PRINCETON UNIV SPIRO, THOMAS G	RESONANCE RAMAN SPECTRA AND ELECTRONIC STRUCTURE MPS-7516897	\$0	\$25,600 0 MONTHS	\$0 0 MONTHS
NJ	PRINCETON UNIV WORCEL, ABRAHAM	STRUCTURE AND REPLICATION OF THE BACTERIAL CHROMOSOME BMS-7517194	\$47,500	\$47,500 12 MONTHS	\$47,500 12 MONTHS

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NJ	PRINCETON UNIV GRAY, WILLIAM G LEE, PETER C	AN INVESTIGATION OF THE BASIC EQUATIONS FOR HEAT, MASS, AND MOMENTUM TRANSPORT IN POROUS MEDIA ENG-7516072	\$53,500	\$108,000 24 MONTHS	\$107,000 24 MONTHS
NJ	PRINCETON UNIV CHOW, GREGORY C GOLDFELD, STEPHEN M QUANDT, RICHARD E	ESTIMATION AND CONTROL OF DYNAMIC ECONOMIC SYSTEMS SOC-7518863	\$144,000	\$163,600 12 MONTHS	\$144,000 12 MONTHS
NJ	PRINCETON UNIV ALLEN LELAND C	ELECTRONIC STRUCTURE ANALYSIS OF ENZYME CATALYSIS BMS-7519395	\$30,000	\$30,000 12 MONTHS	\$30,000 12 MONTHS
NJ	PRINCETON UNIV FRESCO JACQUES R	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7513461	\$7,050	\$20,000 0 MONTHS	\$14,100 24 MONTHS
NJ	PRINCETON UNIV JAFEE DWIGHT M	STUDIES OF DISEQUILIBRIUM IN FINANCIAL MARKETS SOC-7513505	\$21,250	\$72,400 24 MONTHS	\$42,500 24 MONTHS
NJ	PRINCETON UNIV BARNETT STEPHEN A	DOCTORAL DISSERTATION RESEARCH IN ANTHROPOLOGY SOC-7513976	\$3,800	\$3,800 12 MONTHS	\$3,800 12 MONTHS
NJ	PRINCETON UNIV KOCHEN SIMON	MATHEMATICAL LOGIC MPS-7513882	\$19,000	\$115,800 60 MONTHS	\$19,000 12 MONTHS

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NJ	PRINCETON UNIV WILKINSON DAVID T	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7513270	\$5,000	\$10,000 0 MONTHS	\$10,000 24 MONTHS
NJ	PRINCETON UNIV NONE, NONE N	SUPPORT FOR NATIONAL SCIENCE FOUNDATION GRADUATE FELLOWS HES-7522081	\$79,734	\$425,250 64 MONTHS	\$425,250 64 MONTHS
NJ	RADIO CORPORATION OF AMER SARNOFF RESEARCH CTR KRESSEL, HENRY	EXPI TAXIAL SILICON TECHNOLOGY FOR LOW COST SOLAR CELLS AER-7415532	\$163,900	\$200,000 12 MONTHS	\$163,900 12 MONTHS
NJ	RADIO CORPORATION OF AMER SARNOFF RESEARCH CTR VILKOMERSON, DAVID	HIGH-RESOLUTION ULTRASONIC ANNULAR-ARRAY IMAGING APR-7506587	\$99,000	\$99,000 12 MONTHS	\$99,000 12 MONTHS
NJ	RUTGERS UNIVERSITY NONE, NONE N	SUPPORT FOR NATIONAL SCIENCE FOUNDATION GRADUATE FELLOWS HES-7522088	\$3,712	\$19,800 64 MONTHS	\$19,800 64 MONTHS
NJ	RUTGERS UNIVERSITY EL SAYED, MOSTAFA A	IMPROVING INFORMATION ADAPTATION AND COMMUNICATION IN STATE LEGISLATURES ISR-7516370	\$27,700	\$80,000 12 MONTHS	\$27,700 12 MONTHS
NJ	RUTGERS UNIVERSITY ZAHLER, RAPHAEL	STABLE HOMOTOPY AND APPLICATIONS MPS-7507397	\$6,100	\$36,800 24 MONTHS	\$6,100 12 MONTHS

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NJ	RUTGERS UNIVERSITY WHIPPLE, WILLIAM	ENVIRONMENTAL IMPACTS OF PETROLEUM INDUSTRY IN THE DELAWARE ESTUARY AEN-7521359	\$450,000	\$566,000 12 MONTHS	\$450,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BRETON, GLEN E	TOPOLOGY MPS-7507954	\$42,700	\$242,000 24 MONTHS	\$42,700 12 MONTHS
NJ	RUTGERS UNIVERSITY STEPHEN, MICHAEL J	THEORY OF PHASE TRANSITIONS AND SUPERFLUIDS DMR-7513350	\$28,000	\$65,400 24 MONTHS	\$28,000 12 MONTHS
NJ	RUTGERS UNIVERSITY VASCONCELOS, WOLMER V	DIVISION THEORY, STABLE COHERENCE AND FLATNESS MPS-7507415	\$8,900	\$34,300 36 MONTHS	\$8,900 12 MONTHS
NJ	RUTGERS UNIVERSITY OSOFSKY, BARBARA L	GLOBAL DIMENSION OF RINGS MPS-7507580	\$11,200	\$78,000 36 MONTHS	\$11,200 12 MONTHS
NJ	RUTGERS UNIVERSITY SUSSMANN, HECTOR J	DIFFERENTIAL GEOMETRIC METHODS AND SYSTEMS THEORY MPS-7507499	\$7,300	\$39,300 24 MONTHS	\$7,300 12 MONTHS
NJ	RUTGERS UNIVERSITY MITCHELL, BARRY M TIERNEY, MYLES	APPLICATIONS OF CATEGORY THEORY MPS-7507411	\$20,900	\$70,200 24 MONTHS	\$20,900 12 MONTHS

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NJ	RUTGERS UNIVERSITY PETRIE, TED E	SMOOTH ACTIONS OF COMPACT LIE GROUPS ON MANIFOLDS MPS-7507725	\$14,400	\$15,600 12 MONTHS	\$14,400 12 MONTHS
NJ	RUTGERS UNIVERSITY GORENSTEIN, DANIEL	FINITE GROUP THEORY MPS-7507512	\$30,000	\$251,200 36 MONTHS	\$30,000 12 MONTHS
NJ	RUTGERS UNIVERSITY GREENFIELD, STEPHEN J	INFINITE DIMENSIONAL CR MANIFOLDS MPS-7507473	\$8,200	\$41,300 24 MONTHS	\$8,200 12 MONTHS
NJ	RUTGERS UNIVERSITY VALENTINE, JOAN S	CHEMISTRY AND BIOCHEMISTRY OF SUPEROXIDE ANION MPS-7514463	\$64,800	\$249,900 36 MONTHS	\$64,800 12 MONTHS
NJ	RUTGERS UNIVERSITY GHOSH, BIJAN K	ENZYMORPHOLOGY AND ULTRASTRUCTURE OF THE CELLULAR COMPARTMENTS IN GRAM-POSITIVE BACTERIA BMS-7521567	\$9,690	\$9,690 0 MONTHS	\$9,690 0 MONTHS
NJ	RUTGERS UNIVERSITY DEVLIN THOMAS J.	EXPERIMENTAL RESEARCH IN ELEMENTARY PARTICLE PHYSICS MPS-7513968	\$54,900	\$67,200 12 MONTHS	\$54,900 0 MONTHS
NJ	RUTGERS UNIVERSITY PESKIN RICHARD L	TURBULENT DIFFUSION IN THE URBAN ATMOSPHERIC BOUNDARY-LAYER ENG-7519226	\$50,800	\$52,400 12 MONTHS	\$50,800 12 MONTHS

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NJ	RUTGERS UNIVERSITY JAMES CARLTON T	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512233	\$1,850	\$4,500 0 MONTHS	\$3,700 24 MONTHS
NJ	RUTGERS UNIVERSITY PAE, KOOK D	COLD-FORMING OF POLYMERS AND PLASTIC DEFORMATION UNDER HIGH PRESSURE DMR-7516952	\$7,000	\$7,000 10 MONTHS	\$7,000 10 MONTHS
NJ	RUTGERS UNIVERSITY GUNDY, RICHARD F	MARTINGALE THEORY MPS-7517580	\$10,900	\$13,700 12 MONTHS	\$10,900 12 MONTHS
NJ	RUTGERS UNIVERSITY PETRYSHYN WALTER V	NONLINEAR FUNCTIONAL ANALYSIS MPS-7508412	\$14,400	\$54,300 24 MONTHS	\$14,400 12 MONTHS
NJ	RUTGERS UNIVERSITY WALLACH NOLAN R JOHNSON KENNETH D	DIFFERENTIAL GEOMETRY AND REPRESENTATION THEORY MPS-7508212	\$26,000	\$80,100 24 MONTHS	\$26,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BRONZAN JOHN B LOVELACE CLAUD W	THEORETICAL PARTICLE PHYSICS MPS-7518717	\$5,900	\$5,900 0 MONTHS	\$5,900 0 MONTHS
NJ	RUTGERS UNIVERSITY SANNES FELIX R	CENTER RESEARCH IN ELEMENTARY PARTICLE PHYSICS MPS-7517585	\$30,000	\$61,200 12 MONTHS	\$30,000 0 MONTHS

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NJ	RUTGERS UNIVERSITY LANGRETH DAVID C	ELECTRON CORRELATIONS AND MAGNETIC PROPERTIES OF METALS AND INSULATORS DMR-7509804	\$29,000	\$72,700 24 MONTHS	\$29,000 12 MONTHS
NJ	RUTGERS UNIVERSITY MARAMOROSCH KARL	EFFECTS OF DNA AND RNA INSECT VIRUSES ON ANIMAL CELL CULTURES BMS-7510428	\$25,000	\$294,900 48 MONTHS	\$50,000 24 MONTHS
NJ	RUTGERS UNIVERSITY TEICHER HENRY	ITERATED LOGARITHM LAWS MPS-7505610	\$14,200	\$64,600 36 MONTHS	\$14,200 12 MONTHS
NJ	RUTGERS UNIVERSITY PLANO RICHARD J WATTS TERENCE L	ELEMENTARY PARTICLE RESEARCH USING BUBBLE CHAMBERS MPS-7400815	\$27,000	\$95,000 12 MONTHS	\$27,000 0 MONTHS
NJ	RUTGERS UNIVERSITY SPEER EUGENE R	ANALYTIC RENORMALIZATION AND COMPLEX SPACE-TIME DIMENSIONS MPS-7507164	\$12,200	\$25,600 24 MONTHS	\$12,200 12 MONTHS
NJ	RUTGERS UNIVERSITY GOODMAN ROE	ANALYSIS ON LIE GROUPS MPS-7507128	\$9,200	\$20,700 24 MONTHS	\$9,200 12 MONTHS
NJ	RUTGERS UNIVERSITY GOODE PHILIP MEKJIAN ARAM YOSHIDA SHIRO	THEORETICAL NUCLEAR PHYSICS MPS-7506858	\$70,800	\$210,800 24 MONTHS	\$70,800 12 MONTHS

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STATE/ CNTRY	SUBMITTING INSTITUTION PRINCIPAL INVESTIGATORS	PROJECT TITLE / AWARD NUMBER	ANNUAL RATE \$	PROP. AMTS PROP. DUR	AWARD AMTS AWARD DUR
NJ	RUTGERS UNIVERSITY JOHNSON JOSEPH L	ON THE NOTION OF REGULAR RINGS IN DIFFERENTIAL ALGEBRA MPS-7507386	\$8,200	\$19,600 24 MONTHS	\$8,200 12 MONTHS
NJ	RUTGERS UNIVERSITY DOUGLASS COLLEGE AXELROD DAVID E	INITIATION OF EUKARYOTIC DEVELOPMENT BMS-7507851	\$27,500	\$76,400 24 MONTHS	\$55,000 24 MONTHS
NJ	RUTGERS UNIVERSITY LIVINGSTON COLLEGE FOX, ROBIN	DOCTORAL DISSERTATION RESEARCH IN ANTHROPOLOGY SOC-7513873	\$4,300	\$8,900 12 MONTHS	\$4,300 12 MONTHS
NJ	SETON HALL UNIV LEVY JEFFREY C	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512382	\$1,450	\$2,900 0 MONTHS	\$2,900 24 MONTHS
NJ	STEVENS INST OF TECH ALEXANDER HAROLD	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512375	\$4,700	\$9,900 0 MONTHS	\$9,400 24 MONTHS
NJ	STEVENS INST OF TECH ANDERSON JAMES L	TRANSPORT AND TRANSFER PROCESSES IN RELATIVISTIC SYSTEMS MPS-7507797	\$10,000	\$10,000 12 MONTHS	\$10,000 12 MONTHS
NJ	STEVENS INST OF TECH BLOOM STEPHEN L	CONFERENCE ON ALGEBRAIC ANALYSIS OF FLOWCHART ALGORITHMS TO BE HELD IN HOBOKEN, NEW JERSEY DURING SUMMER 1975 DCR-7510369	\$7,200	\$7,900 1 MONTHS	\$7,200 6 MONTHS

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NJ	STEVENS INST OF TECH SEIDL MILOS	NONLINEAR BEAM PLASMA INTERACTION MPS-7511188	\$95,500	\$298,900 24 MONTHS	\$95,500 12 MONTHS
NJ	TRAVEL AWARD BECKNER, WILLIAM	TO ATTEND NATO ADVANCED STUDY INSTITUTE ON: DIFFERENTIAL OPERATORS IN MANIFOLDS, VARENNA, ITALY, AUGUST 25- SEPTEMBER 2, 1975 HES-7521662	\$562	\$562 6 MONTHS	\$562 6 MONTHS
NJ	UNION COUNTY TECH INST LIBES SOL	INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM HES-7512315	\$4,950	\$10,000 0 MONTHS	\$9,900 24 MONTHS
SUB TOTAL			108 \$4,293,800	\$9,587,804	\$5,245,792