



SPECIFICATIONS FOR STATEWIDE AWARDS REPORT

This report lists awards for the particular state, territory, or possession of the United States cited on the cover page. It is produced after the close of each quarter and lists all awards which have award dates within the first and last day of that quarter. Within each state, awards are arranged in alphabetical order by institution.

Definitions

Submitting Institution: The academic institution or other organization which receives the award funds for that project. Institutions listed in the report are "Parent" institutions as defined in the Federal Institutional Classification Structure. Awards to subordinate branches, campuses or components (such as medical schools) are under the single parent institution.

Principal Investigator(s): The individual(s) designated by the submitting institution who will be responsible for the scientific or technical direction of the project supported.

Project Title: A concise, general description of the project.

Award: Refers to support given in the form of a grant, contract, or other arrangement. If the award listed is an amendment to an existing award, an amendment number will appear in the column headed "amendment." If the award is a task order, a task order number will appear under the Task Order column.

Award Number: A three letter NSF organizational prefix followed by a unique seven digit number identifying a specific Foundation supported project.

Annual Rate: The rate is computed as follows: award amount divided by the award duration, in number of months, and then multiplied by twelve. If the award duration is less than 12 months, the annual rate equates with the actual award amount.

Proposed Amount: Total funds requested by the Submitting Institution for the funded project.

Award Amount: Total amount of funds obligated by NSF in the award document for the awarded project.

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Proposed Duration: Number of months requested by the Submitting Institution to perform the project.

Award Duration: Number of months approved by NSF to perform the project.

Subtotals: Cumulative totals for the report period for a particular state, territory, or possession.

Report Inclusions/Exclusions

The award data included in this report consist of program grants and contracts made from the Salaries and Expenses Appropriations of the National Science Foundation.

This report excludes:

Awards made to foreign institutions.

Awards made to individuals (e.g., Travel awards, Fellowships).

Procurements for routine housekeeping activities.

Awards funded from the special foreign currency appropriation.

Awards (or portions of awards) using funds transferred to NSF by other federal agencies.

Administrative transactions such as extensions of project duration, amendment to modify grant or contract terms, which do not involve the obligation of funds.

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NJ	AM FED OF INF PROCESS SOC HAMBLIN, JOHN W	GROUP TRAVEL FOR U.S. PARTICIPANTS IN THE 3RD WORLD CON- FERENCE ON COMPUTERS IN EDUCATION OF THE INT'L FEDERATION FOR INFO. PROCESSING; LAUSANNE, SWITZERLAND; 7/27-31/81 INT-8107588	\$14,000	\$34,000 12 MONTHS	\$14,000 9 MONTHS
NJ	COL OF MED & DENT OF N J ROTHSTEIN, RODNEY J	MECHANISMS OF GENOMIC REARRANGEMENTS IN YEAST PCM-8140977	\$60,000	\$60,000 12 MONTHS	\$60,000 12 MONTHS
NJ	COL OF MED & DENT OF NJ NEW JERSEY MEDICAL SCHOOL CHRISTAKOS, SYLVIA	KIDNEY AND VITAMIN D REGULATED CALCIUM HOMEOSTASIS PCM-8103421	\$43,000	\$174,230 36 MONTHS	\$43,000 12 MONTHS
NJ	COL OF MED & DENT OF NJ RUTGERS MEDICAL SCHOOL SCHIMMEL, RICHARD J	ALPHA ADRENERGIC REGULATION OF BROWN ADIPOSE TISSUE PCM-8106263	\$53,410	\$106,820 24 MONTHS	\$106,820 24 MONTHS
NJ	COMPUTER HORIZONS INC CARPENTER, MARK P	DEVELOPMENT OF REFINED INDICATORS OF TECHNOLOGICAL INNOVATION, USING EXAMINERS CITATIONS IN THE PATENT FILE SRS-8110922	\$105,569	\$107,921 12 MONTHS	\$105,569 12 MONTHS
NJ	COMPUTER HORIZONS INC MCALLISTER, PAUL	INTERRELATIONSHIPS BETWEEN FEDERAL FUNDING AND PRODUCTION OF SCIENTIFIC PAPERS IST-8019032	\$95,163	\$94,253 12 MONTHS	\$95,163 12 MONTHS
NJ	COMPUTER HORIZONS INC NARIN, FRANCIS	FEASIBILITY STUDY LINKING PATENT LITERATURE TO THE SCIENTIFIC LITERATURE THROUGH THE USE OF CITATION ANALYSIS TECHNIQUES PLN-8112604	\$4,448	\$4,448 0 MONTHS	\$4,448 0 MONTHS

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NJ	EDUCATIONAL TESTING SERV BEJAR, ISAAC I	INTERACTIVE VIDEODISC APPLICATIONS TO ELEMENTARY MATHEMATICS EDUCATION SED-8024465	\$98,612	\$147,167 18 MONTHS	\$147,918 18 MONTHS
NJ	EDUCATIONAL TESTING SERV GLAUBITZ, J	GRADUATE RECORD EXAMINATIONS SERVICES FOR THE NATIONAL SCIENCE FOUNDATION GRADUATE AND MINORITY GRADUATE FELLOWSHIP PROGRAMS SPI-8107886	\$14,383	\$9,600 12 MONTHS	\$14,383 10 MONTHS
NJ	FAIRLEIGH DICKINSON UNIV TEANECK CAMPUS LESK, ARTHUR M	THE STRUCTURE, FUNCTION AND EVOLUTION OF PROTEINS: STRUCTURAL AND THERMODYNAMIC ANALYSIS PCM-8141563	\$28,289	\$28,289 12 MONTHS	\$28,289 12 MONTHS
NJ	INDIVIDUAL AWARD LAPIDUS, I R	FY 81 SCIENCE FACULTY PROFESSIONAL DEVELOPMENT PROGRAM SPI-8165019	\$6,531	\$22,860 41 MONTHS	\$22,860 42 MONTHS
NJ	INDIVIDUAL AWARD GRAHAM, C ROBIN	MATHEMATICAL SCIENCES POSTDOCTORAL RESEARCH FELLOWSHIP MCS-8114177	\$22,000	\$22,000 24 MONTHS	\$22,000 12 MONTHS
NJ	INDIVIDUAL AWARD MARDEN, JOHN I	MATHEMATICAL SCIENCES POSTDOCTORAL RESEARCH FELLOWSHIP MCS-8114189	\$22,000	\$22,000 12 MONTHS	\$22,000 12 MONTHS
NJ	INDIVIDUAL AWARD RUBIN, KARL C	MATHEMATICAL SCIENCES POSTDOCTORAL RESEARCH FELLOWSHIP MCS-8114167	\$22,000	\$22,000 12 MONTHS	\$22,000 12 MONTHS

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NJ	MONTCLAIR STATE COL FINK, LUCILE S	WOMEN IN SCIENCE CAREER WORKSHOP SPI-8160165	\$18,258	\$18,391 12 MONTHS	\$19,780 13 MONTHS
NJ	NEW JERSEY INST OF TECH KIMMEL, HOWARD S	PRE-COLLEGE TEACHER DEVELOPMENT IN SCIENCE SPI-8100563	\$17,650	\$26,160 15 MONTHS	\$26,475 18 MONTHS
NJ	NEW JERSEY INST OF TECH DEUTSCHMAN, HAROLD D	RESEARCH APPRENTICESHIPS FOR MINORITY HIGH SCHOOL STUDENTS SPI-8106363	\$16,376	\$23,200 17 MONTHS	\$23,200 17 MONTHS
NJ	NEW JERSEY INST OF TECH TUROFF, MURRAY	COMPUTER BASED CONFERENCING MCS-8113199	\$203,274	\$111,104 12 MONTHS	\$203,274 12 MONTHS
NJ	NEW JERSEY INST OF TECH HUANG, CHING-RON	SEPARATION AND PURIFICATION OF PROTEINS VIA CONTINUOUS PH PARAMETRIC PUMPING CPE-8114877	\$43,800	\$43,800 12 MONTHS	\$43,800 12 MONTHS
NJ	PRINCETON UNIV WILLIAMS, FORMAN A	STUDIES OF MECHANISMS BY WHICH DRY POWDERS AID IN EXTINGUISHMENT OF DIFFUSION FLAMES FOR CONDENSED FUELS CPE-8022918	\$28,224	\$248,535 36 MONTHS	\$28,224 12 MONTHS
NJ	PRINCETON UNIV KOBERSTEIN, JEFFREY T	THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF MICROPHASE SEPARATION IN BLOCK COPOLYMERS AND THEIR BLENDS WITH HOMOPOLYMERS INT-8018889	\$3,000	\$3,000 12 MONTHS	\$3,000 12 MONTHS

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NJ	PRINCETON UNIV MISLOW, KURT	THEORETICAL STEREOCHEMISTRY CHE-8140742	\$155,076	\$168,000 13 MONTHS	\$168,000 13 MONTHS
NJ	PRINCETON UNIV BERNASEK, STEVEN L	STUDIES OF THE ENERGY STATE OF PRODUCTS OF HETEROGENEOUS REACTIONS ON WELL-CHARACTERIZED METAL SURFACES CHE-8140662	\$55,000	\$55,000 12 MONTHS	\$55,000 12 MONTHS
NJ	PRINCETON UNIV STEIN, ELIAS M	HARMONIC ANALYSIS AND DIFFERENTIAL EQUATIONS MCS-8041510	\$83,471	\$85,874 12 MONTHS	\$83,471 12 MONTHS
NJ	PRINCETON UNIV COX, EDWARD C	ACQUISITION OF A SCINTILLATION COUNTER PCM-8100286	\$20,000	\$20,000 12 MONTHS	\$20,000 12 MONTHS
NJ	PRINCETON UNIV NELSON, EDWARD ALMGREN, FREDERICK J	APPLICATIONS OF FUNCTIONAL ANALYSIS AND GEOMETRIC MEASURE THEORY MCS-8101877	\$73,800	\$249,640 36 MONTHS	\$73,800 12 MONTHS
NJ	PRINCETON UNIV SHIMOMURA, OSAMU	BIOCHEMISTRY OF LUMINESCENCE PCM-8115281	\$12,000	\$12,000 0 MONTHS	\$12,000 0 MONTHS
NJ	PRINCETON UNIV COYNE, DONALD G O'NEILL, GERARD K	ELEMENTARY PARTICLE PHYSICS PHY-8114879	\$290,000	\$389,194 12 MONTHS	\$290,000 12 MONTHS

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NJ	PRINCETON UNIV HARGRAVES, ROBERT B	RESEARCH IN PALEO AND ROCK MAGNETISM EAR-8113651	\$79,700	\$85,054 12 MONTHS	\$79,700 12 MONTHS
NJ	PRINCETON UNIV SPIRO, THOMAS G	RESONANCE EFFECTS IN SPONTANEOUS OF COHERENT RAMAN SPECTROSCOPY CHE-8113666	\$81,100	\$81,100 0 MONTHS	\$81,100 0 MONTHS
NJ	PRINCETON UNIV GEERTZ, HILDRED	THE SOCIAL CONTEXT OF GENRE DEVELOPMENT BNS-8112418	\$35,350	\$56,742 15 MONTHS	\$44,188 15 MONTHS
NJ	PRINCETON UNIV MELLOR, GEORGE L KURIHARA, YOSHIO LIPPS, FRANK B	RESEARCH IN MICRO AND MESOSCALE GEOPHYSICAL FLUID DYNAMICS ATM-8112699	\$47,300	\$66,440 12 MONTHS	\$47,300 12 MONTHS
NJ	PRINCETON UNIV GLUCKSBERG, SAM	AMBIQUITY AND METAPHOR IN SPEECH AND LANGUAGE BNS-8110278	\$20,375	\$40,750 12 MONTHS	\$20,375 12 MONTHS
NJ	PRINCETON UNIV GLUCKSBERG, SAM	AMBIQUITY AND METAPHOR IN SPEECH AND LANGUAGE BNS-8110278	\$20,375	\$40,750 12 MONTHS	\$20,375 12 MONTHS
NJ	PRINCETON UNIV SUGARMAN, SUSAN	RESEARCH INITIATION - CONCEPTUAL PROCESSES IN EARLY CHILDHOOD BNS-8107809	\$19,939	\$39,878 24 MONTHS	\$39,878 24 MONTHS

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NJ	PRINCETON UNIV SERVOS, JOHN W	A SCIENTIFIC DISCIPLINE IN THE AMERICAN CONTEXT: PHYSICAL CHEMISTRY, 1890-1930 SES-8108916	\$5,000	\$122,282 36 MONTHS	\$5,000 6 MONTHS
NJ	PRINCETON UNIV JEFFREY, RICHARD C	CAUSALITY AND DECISION SES-8108925	\$5,000	\$22,196 11 MONTHS	\$5,000 11 MONTHS
NJ	PRINCETON UNIV WIGNER, EUGENE P	THEORETICAL RESEARCH IN NUCLEAR PHYSICS PHY-8105301	\$10,750	\$49,036 24 MONTHS	\$21,500 24 MONTHS
NJ	PRINCETON UNIV KOBBERSTEIN, JEFFREY T	DIFFUSE BOUNDARY STRUCTURE IN MULTIPHASE POLYMER SYSTEMS DMR-8105612	\$51,900	\$143,515 36 MONTHS	\$51,900 12 MONTHS
NJ	PRINCETON UNIV CALAPRICE, FRANK P SHERR, RUBBY NAUMANN, ROBERT A	LOW ENERGY NUCLEAR PHYSICS PHY-8105673	\$700,000	\$5,843,405 60 MONTHS	\$700,000 12 MONTHS
NJ	PRINCETON UNIV JEWELL, NICHOLAS P	THE CANONICAL AND FUNCTIONAL ANALYSIS OF TIME SERIES MCS-8102530	\$13,554	\$50,970 24 MONTHS	\$27,108 24 MONTHS
NJ	PRINCETON UNIV HOOGLAND, JOHN L	INTRAPOPULATION INTERRELATIONSHIPS AND AVOIDANCE OF INBREEDING DEB-8102791	\$38,500	\$146,465 36 MONTHS	\$77,000 24 MONTHS

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NJ	PRINCETON UNIV MAY, ROBERT M	REGULATION OF NATURAL POPULATIONS BY INFECTIOUS DISEASES DEB-8102783	\$22,610	\$90,220 24 MONTHS	\$45,220 24 MONTHS
NJ	PRINCETON UNIV MAY, ROBERT M	REGULATION OF NATURAL POPULATIONS BY INFECTIOUS DISEASES DEB-8102783	\$22,500	\$90,220 24 MONTHS	\$45,000 24 MONTHS
NJ	PRINCETON UNIV DE CONDE, KEITH	EXPERIMENTS ON SUPERFLUID HELIUM THREE AND DISORDERED SOLIDS DMR-8104414	\$70,000	\$257,398 36 MONTHS	\$70,000 12 MONTHS
NJ	PRINCETON UNIV FISCHER, ALFRED G	INVESTIGATIONS INTO CRETACEOUS-PALEOGENE HISTORY INT-8105265	\$10,000	\$30,000 36 MONTHS	\$30,000 36 MONTHS
NJ	PRINCETON UNIV BRACCO, FREDIANO V	COMBUSTION IN INTERNAL COMBUSTION ENGINES: EXPERIMENTAL ASSESSMENT OF TWO-DIMENSIONAL UNSTEADY MODELS FOR UNIFORM CHARGES CPE-8112864	\$63,073	\$63,073 12 MONTHS	\$63,073 12 MONTHS
NJ	PRINCETON UNIV GROSS, CHARLES G	FUNCTIONS OF EXTRASTRIATE VISUAL CORTEX IN MACAQUE BNS-8111523	\$70,167	\$70,167 12 MONTHS	\$70,167 12 MONTHS
NJ	PRINCETON UNIV GELPERIN, ALAN	NEUROETHOLOGY OF LEARNING BNS-8140575	\$64,001	\$64,000 12 MONTHS	\$64,001 12 MONTHS

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NJ	PRINCETON UNIV ROYCE, BARRIE S BENZIGER, JAY B GELFAND, JACK J	SPECIALIZED ENGINEERING RESEARCH EQUIPMENT: FOURIER TRANSFORM INFRARED SPECTROMETER FOR ENGINEERING RESEARCH SUPPORT CPE-8100183	\$80,160	\$85,160 12 MONTHS	\$80,160 12 MONTHS
NJ	PRINCETON UNIV SEMMLHACK, MARTIN F	NEW METHODS IN ORGANIC SYNTHESIS USING TRANSITION METALS CHE-8141079	\$61,344	\$61,344 12 MONTHS	\$61,344 12 MONTHS
NJ	PRINCETON UNIV GRAY, WILLIAM G	A TWO-DIMENSIONAL FINITE ELEMENT MODEL FOR SURFACE FLOW SIMULATION CEE-8141030	\$32,377	\$32,377 12 MONTHS	\$32,377 12 MONTHS
NJ	PRINCETON UNIV FRESCO, JACQUES R KLOTZ, LYNN C	DNA AND CHROMOSOMES IN PROKARYOTES AND LOWER EUKARYOTES PCM-8140990	\$45,000	\$45,000 12 MONTHS	\$45,000 12 MONTHS
NJ	PRINCETON UNIV PRUD'HOMME, ROBERT K SMALL, HAMISH	INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH ACTIVITY: FUNDAMENTALS AND APPLICATIONS OF HYDRODYNAMIC CHROMATOGRAPHIC SEPARATIONS CPE-8003320	\$3,000	\$74,689 24 MONTHS	\$3,000 12 MONTHS
NJ	PRINCETON UNIV PRUD'HOMME, ROBERT K SMALL, HAMISH	INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH ACTIVITY: FUNDAMENTALS AND APPLICATIONS OF HYDRODYNAMIC CHROMATOGRAPHIC SEPARATIONS CPE-8003320	\$39,063	\$74,689 24 MONTHS	\$39,063 12 MONTHS
NJ	PRINCETON UNIV PRUD'HOMME, ROBERT K SMALL, HAMISH	INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH ACTIVITY: FUNDAMENTALS AND APPLICATIONS OF HYDRODYNAMIC CHROMATOGRAPHIC SEPARATIONS CPE-8003320	\$16,532	\$74,689 24 MONTHS	\$16,532 12 MONTHS

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NJ	PRINCETON UNIV GARCIA-MOLINA, HECTOR	RESEARCH IN RELIABLE DISTRIBUTED DATABASES ECS-8019393	\$52,110	\$104,221 24 MONTHS	\$104,221 24 MONTHS
NJ	PRINCETON UNIV CRERAR, DAVID A	THE GEOCHEMISTRY OF MANGANIFEROUS OPHIOLITES IN THE FRANCISCAN ASSEMBLAGE: IMPLICATIONS FOR HYDROTHERMAL ACTIVITY AT OCEANIC SPREADING CENTERS EAR-8025487	\$26,200	\$58,040 24 MONTHS	\$26,200 12 MONTHS
NJ	PRINCETON UNIV KOHN, JOSEPH J	PARTIAL DIFFERENTIAL EQUATIONS MCS-8025055	\$9,906	\$9,906 0 MONTHS	\$9,906 0 MONTHS
NJ	PRINCETON UNIV GUNNING, ROBERT C FORNAESS, JOHN E	PROBLEMS IN COMPLEX ANALYSIS MCS-8100675	\$66,153	\$219,567 36 MONTHS	\$66,153 12 MONTHS
NJ	PRINCETON UNIV SCHWARTZ, JEFFREY	TRANSITION METAL REAGENTS IN ORGANIC SYNTHESIS CHE-8109405	\$82,000	\$91,720 12 MONTHS	\$82,000 9 MONTHS
NJ	PRINCETON UNIV QUANDT, RICHARD E GOLDFELD, STEPHEN M	THE ECONOMETRICS OF DISEQUILIBRIUM AND QUANTITY RATIONING SES-8108977	\$22,552	\$22,542 12 MONTHS	\$22,552 0 MONTHS
NJ	PRINCETON UNIV SUPPE, JOHN E	GEOMETRIC AND KINEMATIC PROPERTIES OF MAP-SCALE DECOLLEMENT FOLDS EAR-8111054	\$48,600	\$48,600 12 MONTHS	\$48,600 12 MONTHS

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NJ	PRINCETON UNIV GOULD, JAMES L	ETHOLOGY OF APIS MELLIFERA BNS-8111837	\$58,444	\$58,444 12 MONTHS	\$58,444 12 MONTHS
NJ	PRINCETON UNIV CRERAR, DAVID A	THERMODYNAMIC STUDIES OF HYDROTHERMAL SOLUTIONS EAR-8111849	\$42,500	\$42,500 12 MONTHS	\$42,500 12 MONTHS
NJ	PRINCETON UNIV LIPTON, RICHARD J	COMPUTATIONAL COMPLEXITY MCS-8114882	\$38,046	\$38,046 12 MONTHS	\$38,046 12 MONTHS
NJ	PRINCETON UNIV DOBKIN, DAVID P	UNIFYING THE STUDY OF GEOMETRIC ALGORITHMS MCS-8114207	\$53,869	\$111,970 24 MONTHS	\$107,739 24 MONTHS
NJ	PRINCETON UNIV HOLLISTER, LINCOLN S	THE METAMORPHIC AND IGNEOUS HISTORY OF THE COAST PLUTONIC COMPLEX, B. C. EAR-8113668	\$44,000	\$44,000 12 MONTHS	\$44,000 12 MONTHS
NJ	PRINCETON UNIV CAKMAK, AHMET S RABITZ, HERSCHEL A	FINITE ELEMENT METHOD FOR BOUND STATE AND SCATTERING PROBLEMS CHE-8141114	\$45,000	\$45,000 12 MONTHS	\$45,000 12 MONTHS
NJ	PRINCETON UNIV MILCH, JAMES R	DYNAMIC X-RAY DIFFRACTION STUDIES OF STRIATED MUSCLE PCM-8141515	\$45,000	\$45,000 12 MONTHS	\$45,000 12 MONTHS

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NJ	PRINCETON UNIV HARGRAVES, ROBERT B	RESEARCH IN PALEO-AND ROCK MAGNETISM EAR-8024232	\$5,000	\$5,000 12 MONTHS	\$5,000 0 MONTHS
NJ	PRINCETON UNIV JONES, EDWARD E	ATTRIBUTIONAL APPROACHES TO PERSON PERCEPTION, SELF CONCEPTION, AND SELF PRESENTATION BNS-8023307	\$62,651	\$364,416 60 MONTHS	\$187,955 36 MONTHS
NJ	PRINCETON UNIV SIMON, BARRY M	MATHEMATICAL PHYSICS MCS-8023339	\$11,238	\$22,558 24 MONTHS	\$22,476 24 MONTHS
NJ	PRINCETON UNIV TERBORGH, JOHN W	DOCTORAL DISSERTATION RESEARCH IN POPULATION BIOLOGY DEB-8025975	\$1,741	\$3,483 24 MONTHS	\$3,483 24 MONTHS
NJ	PRINCETON UNIV FULLERTON, DON	INFLATION AND CORPORATE FINANCIAL BEHAVIOR IN A GENERAL EQUILIBRIUM TAXATION MODEL SES-8025404	\$20,866	\$41,732 24 MONTHS	\$41,732 24 MONTHS
NJ	RUTGERS UNIVERSITY WALLACH, NOLAN R	GEOMETRY AND REPRESENTATION THEORY MCS-8041611	\$19,069	\$16,500 12 MONTHS	\$19,069 12 MONTHS
NJ	RUTGERS UNIVERSITY PETRIE, TED E	SMOOTH ACTIONS OF COMPACT LIE GROUPS MCS-8041615	\$20,463	\$17,500 12 MONTHS	\$20,463 12 MONTHS

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NJ	RUTGERS UNIVERSITY VASCONCELOS, WOLMER V	HOMOLOGY AND ARITHMETIC OF THE CONORMAL MODULE MCS-8102112	\$16,076	\$34,017 24 MONTHS	\$32,153 24 MONTHS
NJ	RUTGERS UNIVERSITY GORENSTEIN, DANIEL	FINITE SIMPLE GROUPS MCS-8102394	\$42,926	\$160,825 36 MONTHS	\$42,926 12 MONTHS
NJ	RUTGERS UNIVERSITY ZILINSKAS, BARBARA A	ACQUISITION OF SPECIALIZED SPECTROFLUOROMETRIC FACILITY FOR PHOTOBIOLOGICAL AND PROTEIN BIOCHEMISTRY STUDIES PCM-8018740	\$40,000	\$40,000 12 MONTHS	\$40,000 12 MONTHS
NJ	RUTGERS UNIVERSITY MENDELSON, RICHARD	RAMAN SPECTROSCOPIC STUDIES OF LIPID-PROTEIN INTERACTION PCM-8140953	\$27,152	\$27,152 12 MONTHS	\$27,152 12 MONTHS
NJ	RUTGERS UNIVERSITY GOODMAN, ROE	ANALYSIS ON LIE GROUPS MCS-8102583	\$16,047	\$33,048 24 MONTHS	\$32,095 24 MONTHS
NJ	RUTGERS UNIVERSITY FREEMAN, ROBERT W	RESEARCH INITIATION: EFFECT OF ELECTRIC FIELDS ON INTERFACIAL MASS TRANSPORT CPE-8105793	\$23,952	\$47,904 24 MONTHS	\$47,904 24 MONTHS
NJ	RUTGERS UNIVERSITY ZAMICK, LARRY MEKJIAN, ARAM	THEORETICAL NUCLEAR PHYSICS PHY-8107883	\$87,000	\$106,800 12 MONTHS	\$87,000 12 MONTHS

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NJ	RUTGERS UNIVERSITY PRICE, CARL A	BIOCHEMISTRY AND MOLECULAR BIOLOGY OF AMYLOPLASTS INT-8020233	\$7,500	\$15,000 24 MONTHS	\$15,000 24 MONTHS
NJ	RUTGERS UNIVERSITY LINGLE, JOHN H ALTOM, MARK W	EPISODIC AND CATEGORICAL MEMORY REPRESENTATIONS IN IMPRESSION JUDGMENTS BNS-8023564	\$16,364	\$80,840 36 MONTHS	\$16,364 12 MONTHS
NJ	RUTGERS UNIVERSITY PICKETT, STEWARD T	RESPONSE OF HERBACEOUS POPULATIONS TO THE CREATION OF GAPS IN DECIDUOUS FOREST DEB-8141599	\$25,936	\$25,936 12 MONTHS	\$25,936 12 MONTHS
NJ	RUTGERS UNIVERSITY TREVES, FRANCOIS J	LINEAR PARTIAL DIFFERENTIAL EQUATIONS MCS-8102435	\$19,307	\$63,906 36 MONTHS	\$19,307 12 MONTHS
NJ	RUTGERS UNIVERSITY WILSON, ROBERT L	CONFERENCE ON LIE ALGEBRAS AND RELATED TOPICS; NEW BRUNSWICK, NEW JERSEY; MAY 29-31, 1981 MCS-8108415	\$4,868	\$4,868 12 MONTHS	\$4,868 6 MONTHS
NJ	RUTGERS UNIVERSITY WEISSMANN, SIGMUND	X-RAY STUDIES OF FRACTURE PROBLEMS AND CORRELATION TO FRACTURE MECHANICS DMR-8104985	\$59,100	\$178,614 36 MONTHS	\$59,100 12 MONTHS
NJ	RUTGERS UNIVERSITY SHANESON, JULIUS L	ALGEBRAIC AND DIFFERENTIAL TOPOLOGY MCS-8026053	\$69,000	\$341,562 36 MONTHS	\$69,000 12 MONTHS

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NJ	RUTGERS UNIVERSITY WEIBEL, CHARLES A	ALGEBRAIC K-THEORY MCS-8102753	\$8,579	\$30,228 36 MONTHS	\$17,158 24 MONTHS
NJ	RUTGERS UNIVERSITY MITCHELL, BARRY M	MONOIDAL CATEGORY THEORY MCS-8102754	\$15,839	\$68,896 24 MONTHS	\$31,679 24 MONTHS
NJ	RUTGERS UNIVERSITY SIMS, CHARLES C	GROUP-THEORETIC ALGORITHMS MCS-8102431	\$21,136	\$113,887 36 MONTHS	\$21,136 12 MONTHS
NJ	RUTGERS UNIVERSITY SAKS, MICHAEL	SUBSET COLLECTIONS EXHIBITING VARIOUS DUALITY PROPERTIES MCS-8102448	\$8,579	\$28,708 36 MONTHS	\$17,158 24 MONTHS
NJ	RUTGERS UNIVERSITY GOODMAN, LIONEL	VIBRATIONAL-ELECTRONIC INTERACTIONS IN ONE- AND TWO-PHOTON SPECTRA CHE-8140698	\$53,458	\$53,458 12 MONTHS	\$53,458 12 MONTHS
NJ	RUTGERS UNIVERSITY STEPHEN, MICHAEL J	CRITICAL PHENOMENA IN DISORDERED SYSTEMS DMR-8106151	\$45,000	\$165,750 36 MONTHS	\$45,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS STRAWDERMAN, WILLIAM E	ADMISSIBLE STATISTICAL PROCEDURES MCS-8113614	\$8,947	\$8,947 12 MONTHS	\$8,947 0 MONTHS

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NJ	RUTGERS UNIVERSITY BUSCH CAMPUS DEVLIN, THOMAS J PLANO, RICHARD J SANNES, FELIX R	EQUIPMENT FOR ELEMENTARY PARTICLE PHYSICS RESEARCH PHY-8109341	\$245,000	\$285,042 12 MONTHS	\$245,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS SAUER, J A	ENHANCEMENT OF CRAZE AND FATIGUE RESISTANCE IN GLASSY POLYMERS DMR-8140085	\$54,000	\$73,234 15 MONTHS	\$67,500 15 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS COHEN, AMY M	NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS MCS-8102668	\$10,978	\$24,860 24 MONTHS	\$10,978 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS SCHEFFER, VLADIMIR	BOUNDARY REGULARITY OF SOLUTIONS TO THE NAVIER-STOKES EQUATIONS MCS-8102737	\$8,192	\$19,124 24 MONTHS	\$8,192 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS YASUHARA, ANN	COMPUTABILITY ON TERM ALGEBRAS MCS-8041556	\$19,572	\$27,247 12 MONTHS	\$19,572 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS LO, ALBERT Y	BAYESIAN NONPARAMETRIC STATISTICAL PROCEDURES AND RELATED TOPICS MCS-8102523	\$8,672	\$65,917 36 MONTHS	\$17,344 24 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS CHERLIN, GREGORY	STRUCTURE OF STABLE GROUPS AND SOME DECIDABILITY PROBLEMS MCS-8102383	\$9,625	\$86,342 36 MONTHS	\$19,251 24 MONTHS

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NJ	RUTGERS UNIVERSITY BUSCH CAMPUS LAFUE, GILLES	AUTOMATIC CHECKING OF SEMANTIC INTEGRITY IN DESIGN DATABASES MCS-8110100	\$22,545	\$46,077 24 MONTHS	\$45,091 24 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS TSAKALAKOS, THOMAS	THE SUPERMODULUS EFFECT IN BULK ALLOYS DMR-8112063	\$37,300	\$37,286 12 MONTHS	\$37,300 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS WEISSMANN, SIGMUND PAE, KOOK D	ACQUISITION OF IMPROVED X-RAY EQUIPMENT DMR-8022542	\$25,000	\$89,000 12 MONTHS	\$25,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS WEISSMANN, SIGMUND PAE, KOOK D	ACQUISITION OF IMPROVED X-RAY EQUIPMENT DMR-8022542	\$25,000	\$89,000 12 MONTHS	\$25,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS WEISSMANN, SIGMUND PAE, KOOK D	ACQUISITION OF IMPROVED X-RAY EQUIPMENT DMR-8022542	\$20,000	\$89,000 12 MONTHS	\$20,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS LANGRETH, DAVID C	ELECTRON CORRELATIONS AND PROPERTIES OF METALS AND INSULATORS DMR-8140260	\$44,000	\$46,361 12 MONTHS	\$44,000 12 MONTHS
NJ	RUTGERS UNIVERSITY BUSCH CAMPUS SINGH, KESAR	ASYMPTOTIC STUDIES OF ROBUST AND OTHER STATISTICAL METHODS MCS-8102341	\$7,416	\$23,780 36 MONTHS	\$14,832 24 MONTHS

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NJ	RUTGERS UNIVERSITY BUSCH CAMPUS GUNDY, RICHARD F	MARTINGALE THEORY AND PROBLEMS IN ANALYSIS MCS-8102073	\$31,615	\$99,912 36 MONTHS	\$31,615 12 MONTHS
NJ	RUTGERS UNIVERSITY CAMDEN CAMPUS KAREL, MARTIN L	AUTOMORPHIC FORMS MCS-8103415	\$7,582	\$15,164 24 MONTHS	\$15,164 24 MONTHS
NJ	RUTGERS UNIVERSITY LIVINGSTON COLLEGE COHEN, YEHUDI A	DOCTORAL DISSERTATION RESEARCH IN ANTHROPOLOGY BNS-8108879	\$3,487	\$7,067 12 MONTHS	\$3,487 12 MONTHS
NJ	RUTGERS UNIVERSITY NEWARK CAMPUS DAVIS, ROBERT F	IONIC MECHANISMS OF SALT TOLERANCE IN WHEAT ROOTS PCM-8104148	\$13,718	\$234,546 36 MONTHS	\$13,718 12 MONTHS
NJ	SETON HALL UNIV ASHWORTH, HARRY A	PRE-COLLEGE TEACHER DEVELOPMENT IN SCIENCE SPI-8101230	\$13,074	\$21,024 15 MONTHS	\$19,611 18 MONTHS
NJ	STEVENS INST OF TECH TRICAMO, STEPHEN J	RESEARCH INITIATION: SIMULTANEOUS OPTIMIZATION OF KINEMATIC AND DYNAMIC CHARACTERISTICS IN THE DESIGN OF MECHANISMS MEA-8106437	\$24,000	\$48,000 24 MONTHS	\$48,000 24 MONTHS
NJ	STEVENS INST OF TECH LAPIDUS, I R	PRE-COLLEGE TEACHER DEVELOPMENT IN SCIENCE SPI-8101066	\$17,666	\$34,508 15 MONTHS	\$26,499 18 MONTHS

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NJ	STEVENS INST OF TECH SEIDL, MILOS	INTERACTION OF ELECTRONS AND IONS WITH PLASMA PHY-8111872	\$150,000	\$150,000 12 MONTHS	\$150,000 12 MONTHS	
NJ	STEVENS INST OF TECH TRETAKOFF, MARVIN D	QUADRATIC PERIODS OF ABELIAN INTEGRALS AND FERMAT HYPERSURFACES MCS-8103453	\$7,471	\$15,635 24 MONTHS	\$7,471 12 MONTHS	
NJ	STEVENS INST OF TECH BOESCH, FRANCIS T	SURVIVABILITY CRITERIA FOR THE DESIGN AND ANALYSIS OF OPTIMUM LARGE-SCALE NETWORKS ECS-8100652	\$20,000	\$173,062 36 MONTHS	\$20,000 12 MONTHS	
NJ	STEVENS INST OF TECH BOESCH, FRANCIS T	SURVIVABILITY CRITERIA FOR THE DESIGN AND ANALYSIS OF OPTIMUM LARGE-SCALE NETWORKS ECS-8100652	\$20,000	\$173,062 36 MONTHS	\$20,000 12 MONTHS	
NJ	TEXTILE RESEARCH INST WEIGMANN, HANS D	SURFACE-CONTROLLED CRYSTALLIZATION OF FIBROUS POLYMERS DMR-8109520	\$68,200	\$68,195 12 MONTHS	\$68,200 12 MONTHS	
NJ	WILLIAM PATERSON COLLEGE GRUBER, CAROL S	SCIENCE, GOVERNMENT, AND UNIVERSITIES IN WORLD WAR II SES-8109060	\$11,538	\$92,266 26 MONTHS	\$25,000 26 MONTHS	
SUB TOTAL			125	\$5,655,829	\$15,386,897	\$6,445,540

