

**ACADEMIC RESEARCH ENHANCEMENT AWARD (AREA) GRANTS  
BY STATE AND INSTITUTION, FY 1998**

A description of any of the grants listed below may be obtained by using the grant number indicated to search NIH's online CRISP System: <http://www-commons.cit.nih.gov/crisp/>.

**ALABAMA**

ALABAMA AGRI AND MECH UNIVERSITY

1 R15 CA77798-01 RAO, DAMANNA R  
INHIBITION OF COLON TUMORIGENESIS IN RATS BY LYCOPENE

BIRMINGHAM-SOUTHERN COLLEGE

1 R15 AI41212-01A1 MAYNE, KATHARINE M  
NEW VIRULENCE FACTORS FROM STREPTOCOCCUS PNEUMONIAE

UNIVERSITY OF ALABAMA AT BIRMINGHAM

1 R15 NR04478-01A1 UMLAUF, MARY G  
PARACRINE REGULATION OF NOCTURNAL URINE PRODUCTION

1 R15 NR04724-01 GRANT, JOAN S  
TELEPHONE PROBLEM-SOLVING PARTNERSHIPS WITH CAREGIVERS

UNIVERSITY OF SOUTH ALABAMA

1 R15 NS37591-01 THURSTON, CINDY L  
VAGAL MODULATION OF MEDULLARY ON/OFF CELLS

**ALASKA**

UNIVERSITY OF ALASKA ANCHORAGE

1 R15 ES09693-01 GORDIAN, MARY E  
MORBIDITY AND MORTALITY ASSOCIATED WITH PM10 COMPONENTS

**ARIZONA**

ARIZONA STATE UNIVERSITY

1 R15 NR04839-01 ADAMS, DONNA  
PARENTAL COMPETENCY & SELF AWARENESS FOR FEMALE INMATES

**CALIFORNIA**

CALIFORNIA STATE UNIVERSITY - FULLERTON

1 R15 HD36500-01 KOCH, ROBERT A  
ACTIN POLYMERIZATION DURING ASCIDIAN SPERM ACTIVATION

CALIFORNIA STATE UNIVERSITY - LONG BEACH

1 R15 AI43025-01 KLIB, LISA S

MOLECULAR STUDY OF INOSITOL TRANSPORT IN C NEOFORMANS

1 R15 CA77802-01 JADUS, MARTIN R

INDUCTION OF NOVEL TUMORICIDAL GENES INDUCED BY MM CSF

POMONA COLLEGE

1 R15 AG15781-01 PARFITT, KAREN D

AGE RELATED CHANGES IN CAMP MEDIATED SYNAPTIC PLASTICITY

SAN FRANCISCO STATE UNIVERSITY

1 R15 GM57651-01 GERBER, NANCY C

GUANYLYL CYCLASE--MECHANISMS OF ACTIVATION

**COLORADO**

UNIVERSITY OF COLORADO HLTH SCIENCES CTR

1 R15 DA12128-01 GANCE-CLEVELAND, BONNIE L

SUPPORT GROUPS FOR ADOLESCENTS WITH ADDICTIVE PARENTS

1 R15 NR04762-01 FOSTER, ROXIE L

PHYSIOLOGIC CORRELATES OF CHANGES IN CHILDRENS AROUSAL

UNIVERSITY OF DENVER

1 R15 GM57635-01 BOWLER, BRUCE

MEASUREMENT OF CHANGES IN DENATURED STATE ENERGETICS

1 R15 HD36669-01 BENSON, JANETTE B

SPATIAL DEVELOPMENT IN EARLY CHILDHOOD

UNIVERSITY OF NORTHERN COLORADO

1 R15 GM55889-01 DONG, AICHUN

NEW IR APPROACH FOR PROBING STABILITY OF PROTEIN DRUGS

**CONNECTICUT**

CENTRAL CONNECTICUT STATE UNIVERSITY

1 R15 GM57776-01 MARTIN-TROY, KATHY A

P1 PLASMID PARTITION

1 R15 HD35319-01A1 KING, THOMAS R

GENETIC CHARACTERIZATION OF THE HYPOTRICHOTIC MUTATION

**TRINITY COLLEGE**

1 R15 NS36408-01A1 CHURCH, WILLIAM H  
URIC ACID PROTECTION FROM MPTP NEUROTOXICITY

**UNIVERSITY OF CONNECTICUT STORRS**

1 R15 GM55973-01A1 RHODES, DAVID G  
OPTIMIZED PRONIOSOME DERIVED NIOSOMES FOR DRUG DELIVERY

**DISTRICT OF COLUMBIA**

**AMERICAN UNIVERSITY**

1 R15 CA77732-01 HAAGA, DAVID A  
COGNITIVE COPING AND DEPRESSION AMONG CIGARETTE SMOKERS

**FLORIDA**

**UNIVERSITY OF FLORIDA**

1 R15 MH57131-01A1 ROBINSON, MICHAEL E  
DEPRESSION AND CLINICAL PAIN

**UNIVERSITY OF MIAMI**

1 R15 NR04455-01A1 WILLIAMS-BURGESS, C  
EXERCISE AND DEPRESSION IN ALZHEIMERS DISEASE

**ILLINOIS**

**DR. WILLIAM M. SCHOLL COLL OF POD MED**

1 R15 AR45301-01 MUEHLEMAN, CAROL  
BONE REMODELING INHIBITION IN A CARTILAGE DAMAGE MODEL

**ILLINOIS STATE UNIVERSITY**

1 R15 AI41197-01A1 WILLIAMS, DAVID L  
ENZYMOLGY OF EGGSHELL FORMATION IN SCHISTOSOMA MANSON

1 R15 AI43027-01 WILKINSON, BRIAN J  
IDENTIFICATION OF NOVEL STAPHYLOCOCCAL VIRULENCE GENES

**NORTHERN ILLINOIS UNIVERSITY**

2 R15 NS34145-02 KONG, XUAN  
IDENTIFYING STAGES OF BRAIN INJURY BY SIGNAL PROCESSING

**SOUTHERN ILLINOIS UNIVERSITY CARBONDALE**

1 R15 GM55945-01A1 GUPTA, RAMESH  
RNA SPLICING IN ARCHAEA

UNIVERSITY OF ILLINOIS AT CHICAGO  
1 R15 AI41186-01A1 SCOTT, DAVID A  
CALCIUM HOMEOSTASIS IN LEISHMANIA

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN  
1 R15 DA10367-01A1 SEGRE, MARIANGELA  
IS AN ANTICOCAINE IDIOTYPIC VACCINE FEASIBLE

## **INDIANA**

BALL STATE UNIVERSITY  
1 R15 AG15486-01 TRAPPE, SCOTT W  
SARCOPENIA AND EXERCISE--SINGLE MYOFIBER FUNCTION

1 R15 DK52569-01A1 ZAMLAUSKI-TUCKER, MARIANNA  
NEPHROTOXICITY OF THE CANCER DRUG IFOSFAMIDE

1 R15 NS37600-01 LANNOO, MICHAEL J  
DOES FASCICULATION ORDER PURKINJE CELL PROJECTIONS

## **IOWA**

DRAKE UNIVERSITY  
1 R15 GM57611-01 MEHVAR, REZA  
TARGETED IMMUNOSUPPRESSION USING DEXTRAN PRODRUG

MAHARISHI UNIVERSITY OF MANAGEMENT  
1 R15 HL60242-01 CASTILLO-RICHMOND, AMPARO  
STRESS REDUCTION AND MYOCARDIAL ISCHEMIA IN BLACKS

UNIVERSITY OF IOWA  
1 R15 NR04763-01 CULP, KENNITH R  
HYDRATION--LTC INTERVENTION TO PREVENT ACUTE CONFUSION

## **KENTUCKY**

MOREHEAD STATE UNIVERSITY  
2 R15 DA09687-04 MATTINGLY, BRUCE A  
RECEPTOR DEPENDENT SENSITIZATION TO COCAINE

MURRAY STATE UNIVERSITY  
1 R15 CA74354-01A1 WHALEN, MARGARET M  
TARGET CELL INDUCED ELEVATION OF CAMP IN NK CELLS

## **MAINE**

### **BOWDOIN COLLEGE**

1 R15 AG13758-01A2 KURYLO, DANIEL D  
GROUPING PRINCIPLES IN AGING AND ALZHEIMERS DISEASE

### **COLBY COLLEGE**

1 R15 CA77748-01 MILLARD, JULIE T  
DIEPOXIDE CROSS LINKING OF DNA

## **MASSACHUSETTS**

### **AMHERST COLLEGE**

1 R15 AI42957-01 GOLDSBY, RICHARD A  
UNUSUAL PATHS AND SITES OF V REGION DIVERSIFICATION

### **BOSTON UNIVERSITY**

1 R15 DE12644-01 KRALL, ELIZABETH A  
CIGAR SMOKING AND PERIODONTAL DISEASE

### **CLARK UNIVERSITY**

1 R15 GM55906-01A1 LEONARD, THOMAS J  
GENETIC REGULATION OF STERIGMATOCYSTIN BIOSYNTHESIS

1 R15 GM57685-01 THURLOW, DAVID L  
CONSERVED REGIONS OF TRNA NUCLEOTIDYLTRANSFERASES

### **MERRIMACK COLLEGE**

1 R15 CA78323-01 MODICA-NAPOLITANO, JOSEPHINE S  
INCREASED MEMBRANE POTENTIAL IN CARCINOMA MITOCHONDRIA

### **UNIVERSITY OF MASSACHUSETTS BOSTON**

1 R15 GM57680-01 SKVIRSKY, RACHEL C  
ABC PROTEIN EXPORT SYSTEM IN E COLI

### **WILLIAMS COLLEGE**

1 R15 GM57618-01 RAYMOND, WENDY E  
GENETIC ANALYSIS OF EXIT FROM MITOSIS IN S CEREVISIAE

1 R15 GM57778-01 SAVAGE, ROBERT M  
SEGMENTAL PATTERN FORMATION

## **MICHIGAN**

### **EASTERN MICHIGAN UNIVERSITY**

1 R15 AI43033-01 ANGELL, MICHAEL G  
CRPV MODULATION OF KERATINOCYTE CD40 EXPRESSION

GRAND VALLEY STATE UNIVERSITY

1 R15 GM55946-01A1 NIEUWKOOP, ANTHONY J  
HUT REGION OF RHIZOBIUM FREDII

KALAMAZOO COLLEGE

1 R15 GM57803-01 LANGELAND, JAMES A  
HEAD PATTERNING IN A PRIMITIVE VERTEBRATE, THE LAMPREY

WESTERN MICHIGAN UNIVERSITY

1 R15 DK52568-01A1 STAPLETON, SUSAN R  
INSULIN REGULATION OF G6PDH

1 R15 ES09437-01 ROSSBACH, SILVIA  
METAL REGULATED GENE EXPRESSION IN PROKARYOTES

1 R15 HL60240-01 SPITSBERGEN, JOHN M  
ALTERED NEUROTROPHIC FACTOR EXPRESSION IN HYPERTENSION

**MINNESOTA**

CARLETON COLLEGE

1 R15 GM57854-01 DREW, STEVEN M  
MICROSENSORS FOR NITRIC OXIDE--DESIGN AND EVALUATION

**MISSISSIPPI**

MILLSAPS COLLEGE

1 R15 AI41182-01A1 WARD, TIMOTHY J  
CHIRAL RECOGNITION UTILIZING MACROCYCLIC ANTIBIOTICS

MISSISSIPPI STATE UNIVERSITY

1 R15 NS36389-01A1 HICKS, RICKEY P  
NMR STUDIES OF TACHYKININ AGONISTS AND ANTAGONISTS

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

1 R15 NR04780-01 LOBERT, SHARON A  
PREDICTORS OF VINCA ALKALOID PHARMACOKINETICS

UNIVERSITY OF SOUTHERN MISSISSIPPI

1 R15 AG13767-01A1 ANGELOPOULOUS, THEODORE J  
APO B KINETICS PRE AND POST TRAINING IN ELDERLY ADULTS

## **MISSOURI**

KIRKSVILLE COLLEGE OF OSTEOPATHIC MED

1 R15 EY12160-01 FLESHNER, CHARLES R  
LENS PLASMA MEMBRANE CYTOSKELETON IN SELENITE CATARACT

UNIVERSITY OF MISSOURI - COLUMBIA

1 R15 AI43305-01 BUENING, GERALD M  
XENOGRAFTED MOUSE MODEL FOR EHRLICHIA CHAFFEENSIS

UNIVERSITY OF MISSOURI - KANSAS CITY

1 R15 NS36393-01A1 ADEJARE, ADEBOYE  
IONOTROPIC NMDA RECEPTOR ANTAGONISTS

UNIVERSITY OF MISSOURI - ROLLA

1 R15 ES09497-01 ERCAL, NURAN  
THERAPEUTIC ROLE OF NATURAL ANTIOXIDANTS IN LEAD POISONING

## **NEBRASKA**

CREIGHTON UNIVERSITY

2 R15 AI32670-02 KHAN, MANZOOR M  
MECHANISMS OF HISTAMINES EFFECT ON LYMPHOKINE SECRETION

1 R15 CA70976-01A2 BAGCHI, DEBASIS  
HELICOBACTER PYLORI, OXIDATIVE STRESS AND GASTRIC INJURY

1 R15 EY12157-01 OHIA, SUNDAY E  
PEROXIDES AND ARACHIDONATE METABOLISM IN ANTERIOR UVEA

## **NEW JERSEY**

RIDER UNIVERSITY

1 R15 CA77814-01 RIGGS, JAMES E  
AGING, IMMUNODEFICIENCY, AND S AGS IN B LYMPHOMAGENESIS

1 R15 MH58457-01 KARP, JONATHAN D  
STRESS INFECTION IN IMMUNOCOMPROMIZED HOSTS

RUTGERS THE STATE UNIV - CAMDEN

1 R15 NS37601-01 KREIDER, BARBARA Q  
OLIGODENDROGLIAL PROCESS FORMATION--THE ROLE OF GELSOLIN

RUTGERS THE STATE UNIV - NEW BRUNSWICK

1 R15 GM57777-01 MEYER, RITA M

GAP JUNCTION COMMUNICATION IN LIMB MORPHOGENESIS

UNIV OF MED/DENT NJ-SCH OSTEOPATHIC MED

1 R15 ES09434-01A1 SPOKAS, ERIC G

LEAD EFFECT ON ION TRANSPORT IN FATHEAD GILL

1 R15 EY12266-01 MULLER-WEEKS, SUSAN J

PERIPHERIN/RDS MUTATIONS AND RETINAL DEGENERATION

**NEW MEXICO**

NEW MEXICO INST OF MINING & TECHNOLOGY

1 R15 GM57855-01 HEAGY, MICHAEL D

FLUORESCENT CHEMOSENSORS FOR CARBOHYDRATE RECOGNITION

NEW MEXICO STATE UNIVERSITY LAS CRUCES

1 R15 HL60243-01 NG, KWONG T

PARALLEL COMPUTER MODELING OF DEFIBRILLATION

**NEW YORK**

ALFRED UNIVERSITY

1 R15 GM55947-01A1 GOLDSTEIN, ALAN H

SITE DIRECTED MUTAGENESIS OF THE E COLI GCD GENE

BARNARD COLLEGE

1 R15 DK52553-01A1 LARKIN, JANET M

MOLECULAR REGULATION OF TRANSCYTOSIS IN HEPATOCYTES

1 R15 GM57804-01 MOHLER, JAMES P

UNKEMPT CYS(3)HIS FINGERS

COLLEGE OF STATEN ISLD - WILLOWBROOK

1 R15 CA77803-01 STARK, RUTH

LIPID CONTROL IN THE REMOVAL OF DYING BRAIN TUMOR CELLS

FORDHAM UNIVERSITY

1 R15 AI43300-01 DAVIS, RICHARD E

ASCARIS MRNA PROCESSING--EXON/INTRON DEFINITION AND CAP

HAMILTON COLLEGE

1 R15 AG15494-01 RYBASH, JOHN M

AGING, MEMORY, AND FRONTAL LOBE FUNCTION

ITHACA COLLEGE



1 R15 HL60619-01 HARDWICK, JEAN C  
MODULATION OF INTRACARDIAC NEURONS BY MAST CELLS

NIAGARA UNIVERSITY

1 R15 DK54040-01 BUTERA, PETER C  
INTERLEUKIN 1BETA EFFECTS ON INGESTIVE BEHAVIOR

ST. JOHN'S UNIVERSITY

1 R15 ES09499-01 SCHANNE, FRANCIS A  
LEAD TOXICITY--EFFECTS ON PROTEIN KINASE C

1 R15 GM57643-01 HALDAR, DIPAK  
FUNCTION OF MITOCHONDRIAL OUTER MEMBRANE

1 R15 HD36468-01 FAGEN, JEFFREY W  
OLFACTORY CONTEXT AND MEMORY RETRIEVAL IN YOUNG INFANTS

1 R15 HD36498-01 BAZINET, CHRISTOPHER W  
MITOCHONDRIAL MORPHOGENESIS AND SPERM INDIVIDUALIZATION

1 R15 NS36367-01A1 KORLIPARA, VIJAYA L  
NONPEPTIDE NEUROKININ 1 RECEPTOR AFFINITY LABELS

VASSAR COLLEGE

1 R15 GM57608-01 POKRYWKA, NANCY J  
SWALLOW GENE FUNCTION IN DROSOPHILA

YORK COLLEGE

1 R15 GM57617-01 LEVINGER, LOUIS F  
CCA ADDITION TO THE 3 END OF DROSOPHILA TRNA

1 R15 GM57686-01 LEWIS, LESLIE A  
MECHANISTIC STUDIES OF A TRANSPOSITIONAL PATHWAY IN IS2

**NORTH CAROLINA**

CAMPBELL UNIVERSITY

1 R15 AR45353-01 BLOOM, TIMOTHY J  
CYCLIC NUCLEOTIDE PHOSPHODIESTERASE IN SKELETAL MUSCLE

**NORTH DAKOTA**

NORTH DAKOTA STATE UNIVERSITY

1 R15 EY12267-01 MC COURT, MARK E  
PSYCHOPHYSICAL ANALYSIS OF VISUAL LINE BISECTION

1 R15 HD35351-01A1 CALDWELL, JACK D  
STEROID CONTROL OF CENTRAL OXYTOCIN RELEASE

1 R15 HL58173-01A1 O-ROURKE, STEPHEN T  
NITRATE TOLERANCE IN CORONARY ARTERIES

## **OHIO**

### **BOWLING GREEN STATE UNIV BOWLING GREEN**

1 R15 CA78322-01 HECKMAN, CAROL A  
PROTEIN KINASE C MEDIATED REGULATION OF MOTILITY

1 R15 GM54357-01A2 SCOVELL, WILLIAM M  
HMG-1 AND HMG-2 AND EUKARYOTIC TRANSCRIPTION

1 R15 GM57636-01 GAVINI, NARASIAH  
GENETIC ANALYSIS OF THE NIFH INTERACTION

1 R15 HL60241-01 PULAKAT, LAKSHMIDEVI  
MOLECULAR STUDIES ON ANGIOTENSIN II RECEPTORS

### **CASE WESTERN RESERVE UNIVERSITY**

1 R15 AG15438-01 MUSIL, CAROL M  
HEALTH OF GRANDMOTHERS--A COMPARISON BY CAREGIVER STATUS

### **KENT STATE UNIVERSITY AT KENT**

1 R15 MH57151-01A1 DOCHERTY, NANCY M  
COMMUNICATION DISTURBANCES IN SCHIZOPHRENIA

### **MIAMI UNIVERSITY OXFORD**

1 R15 CA77806-01 HAGERMAN, ANN E  
TANNINS AS BIOLOGICAL ANTIOXIDANTS

1 R15 DK54065-01 CALLAHAN, PHYLLIS A  
ANGIOTENSIN II AND PROLACTIN RELEASE--ROLE OF ESTROGEN

1 R15 GM55951-01A1 HOFFMAN, SUSAN M  
ORGANIZATION OF A CYTOCHROME P450 GENE CLUSTER IN MICE

1 R15 GM57806-01 KISS, JOHN Z  
INTEGRIN-LIKE IN SIGNAL TRANSDUCTION

1 R15 NS36403-01A1 ISAACSON, LORI G  
NEUROTROPHIN REGULATION OF CEREBROVASCULAR AXONS

**NORTHEASTERN OHIO UNIVERSITIES COLL MED**

1 R15 NS36378-01A1 WALRO, JON M  
INTRAFUSAL FIBER EXPRESSION OF CARDIAC SARCOMERIC GENES

**OHIO STATE UNIVERSITY**

1 R15 DE12696-01 CARR, ALAN B  
EARLY LOADING OF DENTAL IMPLANTS

**UNIVERSITY OF AKRON**

1 R15 GM57626-01 VIOLA, RONALD E  
MECHANISM OF A KEY ENZYME IN AMINO ACID BIOSYNTHESIS

**UNIVERSITY OF TOLEDO**

1 R15 NS35305-01A2 KIRCHHOFF, JON R  
NEW METHODS FOR EVALUATING CHOLINERGIC TOXICITY

**OKLAHOMA**

**UNIVERSITY OF TULSA**

1 R15 AI41164-01A1 MILLER, KENTON S  
SIALIC ACID REGULATION OF LYMPHOCYTE INTERACTIONS

**OREGON**

**PORTLAND STATE UNIVERSITY**

1 R15 GM57634-01 SMEJTEK, PAVEL K  
MOLECULAR STRUCTURE OF OLIGONUCLEOTIDES

**UNIVERSITY OF PORTLAND**

1 R15 NR04947-01 ANDERSON, DEBRA G  
FACTORS INFLUENCING HOMELESSNESS IN WOMEN

**PENNSYLVANIA**

**BRYN MAWR COLLEGE**

1 R15 GM57647-01 MALLORY, FRANK B  
NANOSCALE POLYCYCLIC AROMATIC HYDROCARBON DERIVATIVES

**DUQUESNE UNIVERSITY**

1 R15 AI43317-01 CASTRIC, PETER A  
GLYCOSYLATION OF P AERUGINOSA PILLI

1 R15 HD35330-01A1 CLEMENS, JEFFREY W  
ANDROGEN RECEPTOR REGULATION IN OVARIAN GRANULOSA CELLS

1 R15 NS37672-01 MELAN, MELISSA A  
MELATONIN MEDIATED REORGANIZATION OF THE CYTOSKELETON

PHILADELPHIA COLLEGE OF OSTEOPATHIC MED

1 R15 HD36650-01 WEINSTEIN, MINDY G  
ANALYSES OF FOUNDER CELLS IN THE EPIBLAST AND SOMITES

SWARTHMORE COLLEGE

1 R15 GM57627-01 HOWARD, KATHLEEN P  
PEPTIDE/LIPID STUDIES IN FIELD ORIENTED MEMBRANES

UNIVERSITY OF PITTSBURGH AT PITTSBURGH

1 R15 DE12976-01 BUCKLEY, MICHAEL J  
MECHANICAL ACTIVITY, NITRIC OXIDE, CARTILAGE HEALTH

UNIVERSITY OF THE SCIENCES PHILADELPHIA

1 R15 HD36786-01 D'MELLO, ANIL P  
PRENATAL STRESS EFFECTS ON GLUCOSE METABOLISM

VILLANOVA UNIVERSITY

1 R15 CA77799-01 KNEPPER, JANICE E  
REGULATORY ELEMENT IN THE MMTV LTR

## **PUERTO RICO**

UNIVERSITY OF PR - HUMACAO UNIVERSITY COLL

1 R15 CA77796-01 ZYPMAN, FREDY R  
MRI ELECTROMAGNETIC FIELDS IN HUMAN TISSUE

## **SOUTH CAROLINA**

CLEMSON UNIVERSITY

1 R15 GM57679-01 KULASEKERA, KARUNARATHNA B  
ISSUES IN MULTIDIMENSIONAL NONPARAMETRIC REGRESSION

MEDICAL UNIVERSITY OF SOUTH CAROLINA

1 R15 NR04465-01A1 BARBOSA, GAIL A  
CORRELATES OF PHYSICAL ABUSE AMONG RURAL, PREGNANT WOMEN

1 R15 NR04719-01 CORBETT, KAREN S  
INFANT FEEDING STYLES OF LOW INCOME BLACK WOMEN

UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA

1 R15 AA11903-01 BOYD, MARY R  
SUBSTANCE ABUSE AMONG RURAL WOMEN OF SOUTH CAROLINA

## **SOUTH DAKOTA**

### **UNIVERSITY OF SOUTH DAKOTA**

1 R15 HD35322-01A1 NEUFELD, DANIEL A  
STIMULATION OF DIGIT TIP REGENERATION BY NAIL ORGAN

1 R15 HL60310-01 GOODMAN, BARBARA E  
REGULATION OF AMILORIDE SENSITIVE NA CHANNELS IN LUNGS

## **TENNESSEE**

### **AUSTIN PEAY STATE UNIVERSITY**

1 R15 HD35349-01A1 WOODS, CHARLES B  
VISUAL TEMPORAL PROCESSING IN MENTAL RETARDATION

### **EAST TENNESSEE STATE UNIVERSITY**

1 R15 AI43310-01 KRISHNASWAMY, G  
MOLECULAR STUDIES OF HUMAN CORD BLOOD DERIVED MAST CELLS

1 R15 AI43391-01 MUSICH, PHILLIP R  
ALTERNATE RRNA GENES IN T VAGINALIS

2 R15 DC02301-02 SCHERER, NANCY J  
LANGUAGE IMPAIRMENT IN PRESCHOOLERS WITH CLEFT PALATE

1 R15 DK52570-01A1 ECAY, TOM W  
VESICULAR TRAFFICKING IN RENAL AND GI EPITHELIA

1 R15 GM57779-01 CHAMPNEY, WILLIAM S  
ANTIBIOTIC INHIBITION OF BACTERIAL RIBOSOME FORMATION

### **MEHARRY MEDICAL COLLEGE**

1 R15 AI43309-01 VALENZUELA, MANUEL S  
GENES FOR T CRUZI KINETOPLAST DNA ASSOCIATED PROTEINS

### **UNIVERSITY OF MEMPHIS**

1 R15 AR45297-01 RHO, JAE-YOUNG  
AGE RELATED LAMELLAR BONE PROPERTY CHANGES

1 R15 CA74362-01A1 RAY, PARTHA S  
PYRIMIDOAZEPINE BASED FOLATE--POTENTIAL ANTITUMOR AGENT

1 R15 DK54235-01 FAMILONI, BABAJIDE O  
FEASIBILITY OF GASTRIC ELECTRICAL STIMULATION

1 R15 GM57653-01 BRIDSON, PETER K  
3-AMINOXANTHINES AS ADENOSINE RECEPTOR LIGANDS

2 R15 HL56369-02 GARTNER, THEODORE K  
MECHANISM OF PLATELET ACTIVATION BY THE PEPTIDE LSARLAF

1 R15 HL60589-01 TURITTO, VINCENT T  
TISSUE FACTOR ACTIVATION OF FACTOR X MEDIATED BY FLOW

## **TEXAS**

### UNIVERSITY OF TEXAS - AUSTIN

1 R15 NR04459-01A1 ACTON, GAYLE J  
CAREGIVING INTERVENTIONS--A META-ANALYSIS

1 R15 NR04475-01A1 HORNER, SHARON D  
INFLUENCING ASTHMA CARE BY CHILDREN AND THEIR PARENTS

1 R15 NR04481-01A1 TIMMERMAN, GAYLE M  
DIETING, DEPRIVATION AND NONPURGE BINGE EATING IN WOMEN

### UNIVERSITY OF TEXAS HLTH SCI CTR - HOUSTON

1 R15 NR04720-01 MCNEILL, JEANETTE A  
A SPANISH OUTCOME MEASURE OF ACUTE PAIN MANAGEMENT

## **UTAH**

### BRIGHAM YOUNG UNIVERSITY

1 R15 AR45296-01 SIMMONS, DANIEL L  
CYCLOOXYGENASE/NUCLEOBINDIN INTERACTION

1 R15 GM57644-01 KASPAR, ROGER L  
TARGETED MRNA CLEAVAGE BY 3 TRNASE AND SMALL GUIDE RNAS

## **VERMONT**

### MIDDLEBURY COLLEGE

1 R15 MH58453-01 BULT, ABEL  
MODEL TO STUDY THE ROLE OF AVP, PKC, AND FOS IN THE SCN

## **VIRGINIA**

### GEORGE MASON UNIVERSITY

1 R15 DA11833-01 SMITH, ROBERT F  
ANIMAL MODEL OF ADOLESCENT DRUG PROGRESSION

**OLD DOMINION UNIVERSITY**

1 R15 AI43029-01 HYNES, WAYNE L  
STREPTOCOCCAL HYALURONIDASE--PRODUCTION AND REGULATION

**VIRGINIA COMMONWEALTH UNIVERSITY**

1 R15 NR04730-01 GRAP, MARY J  
BACKREST POSITION AND ORAL HEALTH--EFFECT ON VAP

**WASHINGTON**

**WESTERN WASHINGTON UNIVERSITY**

1 R15 GM57805-01 TRENT, CAROL  
SEX DETERMINATION IN THE WASP NASONIA VITRIPENNIS

**WEST VIRGINIA**

**WEST VIRGINIA UNIVERSITY**

1 R15 GM57630-01 GANNETT, PETER M  
ANTISENSE AND TRIPLEX DNA FORMATION IN CELLS BY ESR

**WISCONSIN**

**MARQUETTE UNIVERSITY**

1 R15 AR45294-01 EDDINGER, THOMAS J  
DETERMINANTS OF SHORTENING IN SINGLE SMOOTH MUSCLE CELLS

1 R15 DK54309-01 UNSWORTH, BRIAN R  
REGULATION OF PNMT ACTIVITY BY ALTERNATIVE MRNA SPLICING

1 R15 GM55987-01A1 YI, CHAE S  
RUTHENIUM CATALYZED ALKYNE COUPLING REACTIONS

1 R15 GM57775-01 NOEL, KENNETH D  
HOST INDUCED BACTERIAL SURFACE MODIFICATION

1 R15 HL60567-01 COOK, BERNARD C  
ADHESION OF PLATELETS TO FIBRIN(OGEN) COATED SURFACES

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1 R15 GM58392-01 FORST, STEVEN A  
MULTIFUNCTIONAL ROLE OF OMPR IN XENORHABDUS NEMATOPHILUS

1 R15 NR04750-01 DEVINE, ELIZABETH C  
COGNITIVE/BEHAVIORAL INTERVENTIONS FOR PAIN