

Mental retardation grants

Fiscal Year 1966

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U. S. Department of Health, Education, and Welfare

The Secretary's Committee on Mental Retardation

Washington, D.C., 20201

September, 1966

Discrimination Prohibited

Title VI of the Civil Rights Act of 1964 states: "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." Therefore, the mental retardation grants program, like every program or activity receiving financial assistance from the Department of Health, Education, and Welfare, must be operated in compliance with this law.

Mental Retardation GRANTS

Fiscal Year 1966

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

John W. Gardner, Secretary

Lisle C. Carter, Jr., Assistant Secretary
for Individual and Family Services

The Secretary's Committee on Mental Retardation
Washington, D.C. September, 1966

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and Family Services

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Introduction

This publication lists the grants awarded in the field of mental retardation by the operating agencies of the Department of Health, Education, and Welfare in fiscal year 1966 (July 1, 1965 - June 30, 1966). It is designed primarily for use by State groups involved in planning for comprehensive action to combat mental retardation. The grants are therefore arranged by State.

A subject index of the research and demonstration grants will be found on pages 110-139.

Special note should be made of the following:

1. Many of the grants listed under the heading of a particular State are of national significance. Grants awarded to major universities and national organizations appear under the heading of the States in which they are located. Many of these grants are of interest and relevance to the entire nation.
2. Additional information concerning the grants listed in this publication may be secured from the grantee or the agency awarding the grant. See "Explanation of Format", page iv.
3. A full discussion of the Department's mental retardation programs will be found in the publication Mental Retardation Activities of the Department of Health, Education, and Welfare, January 1966, available from the Superintendent of Documents, Washington, D. C., price 50 cents per copy.
4. Following are other publications of interest to users of this booklet:

Financial Assistance Programs in Mental Retardation of the Department of Health, Education, and Welfare, available from the Superintendent of Documents, Washington, D. C., price 25 cents per copy.

"Mental Retardation Reports". A newsletter issued by the Secretary's Committee on Mental Retardation; describes current program developments in the field of mental retardation. Single copies available from the Secretary's Committee on Mental Retardation, Department of Health, Education, and Welfare, Washington, D. C. 20201. Free.

1965 Mental Retardation Legislation, November 1965. Single copies available from the Secretary's Committee on Mental Retardation, Department of Health, Education, and Welfare, Washington, D.C. 20201. Free.

Explanation of Format

The title of the grant appears first followed by the name and address of the grantee. The dates indicate either the date the grant is awarded, or the inclusive dates for which funds were made available. Designation of the grant as initial or renewal is indicated. The amount of money represents only the funds awarded in fiscal year 1966.

The symbol in parenthesis following each listing indicates the agency making the award:

SPU: Division of Surplus Property Utilization

DCD: Division of Chronic Diseases, Public Health Service

DHMF: Division of Hospital and Medical Facilities, PHS

NICHD: National Institute of Child Health and Human Development, PHS

NINDB: National Institute of Neurological Diseases and Blindness, PHS

NIMH: National Institute of Mental Health, PHS

DRFR: Division of Research Facilities and Resources, PHS

CB: Children's Bureau, Welfare Administration

VRA: Vocational Rehabilitation Administration

OE: Office of Education

Requests for information may be addressed to the agency listed above, Department of Health, Education, and Welfare, Washington, D. C. 20201

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ALABAMA

Research and Demonstration

1. Cytogenetic Studies in Congenital Diseases; Finley, Wayne House University of Alabama, Birmingham; 10/65-9/67 (Renewal); \$34,105. (NICHD)
2. Studies on the Mechanisms of Infectious Teratogenesis; Alford, Charles, University of Alabama, Birmingham; 9/65-8/68 (Initial); \$29,998. (NICHD)
3. Red Cell Changes and Newborn Hyperbilirubinemia; Diseker, Maude, University of Alabama, Birmingham; 1/66-12/68 (Renewal); \$19,206. (NICHD)
4. Stimulus Factors in Verbal Learning of Retardates; Alfred A. Baumeister, University of Alabama, University; 6/66-5/68 (Initial); \$22,720. (NICHD)
5. Neonatal Brain Damage and Behavioral Development; Donald P. Foshee, Auburn University, Auburn; 1/66-12/66 (Renewal); \$14,880. (NINDB)
6. Physical Therapy Department; Joseph E. Barrett, Partlow State School and Hospital, Tuscaloosa; 7/65 (Renewal); \$11,994. (NIMH)
7. Determinants of Learning in the Mentally Retarded; Norman R. Ellis, University of Alabama, University; 9/65 (Renewal); \$26,311. (NIMH)
8. Coordination of a University Program in the Rehabilitation of the Mentally Retarded; Medical College of Alabama, Birmingham; 1/1/66-12/31/66 (Renewal); \$19,874. (VRA)

Training

9. Summer Work Program in a Mental Retardation Clinic; Diagnostic Clinic for Mentally Retarded Children; Medical College of Alabama, Birmingham; 6/1/66-12/31/66 (Initial); \$3,624. (DCD)
10. Regional Training Center in Mental Retardation; University of Alabama, Medical Center, Birmingham; 6/1/66-5/31/77 (Initial); \$72,284. (DCD)
11. Program for the Training of Clinical Psychologists for the Field of Mental Retardation; University of Alabama, University; 6/1/66-5/31/71 (Initial); \$42,480. (DCD)
12. Experimental Psychology; Norman R. Ellis, University of Alabama, University; 2/66-6/67 (Renewal); \$47,060. (NICHD)
13. Inservice Training, Mental Retardation; Partlow State School and Hospital, Tuscaloosa; 7/65 (Renewal); \$19,820. (NIMH)
14. Preparation of Professional Personnel in the Education of Handicapped Children; Alabama A. & M. College, Normal; 6/1/66-6/30/67 (Initial); \$25,200. (OE)
15. Preparation of Professional Personnel in the Education of Handicapped Children; Auburn University, Auburn; 6/1/66-6/30/67 (Initial); \$29,200. (OE)
16. Preparation of Professional Personnel in the Education of Handicapped Children; Tuskegee Institute, Tuskegee; 6/1/66-6/30/67 (Initial); \$31,200. (OE)
17. Preparation of Professional Personnel in the Education of Handicapped Children; University of Alabama, University; 6/1/66-6/30/67 (Initial); \$50,000. (OE)

Alabama (cont'd)

18. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$22,400. (OE)
19. Cytogenetic Studies in Mental Retardation and Associated Malformations; University of Alabama, Birmingham; FY 1966; (Renewal); \$23,004. (CB)

Construction

20. University of Alabama; Tuscaloosa; 11/24/65 (Initial); \$219,976. (DHMF)
21. University of Alabama; Birmingham; 11/24/65 (Initial); \$1,960,518. (DHMF)

Other

22. Mental Retardation Planning and Implementation; University of Alabama Medical Center, Birmingham; 1/1/66-12/31/67 (Initial); \$36,500. (DCD)
23. Consultative Services; Special Education for Handicapped; State Education Agency, Montgomery; 5/4/66 (Initial); \$6,501. (OE)
24. Diagnostic Services for Mentally Retarded Children, Birmingham; Department of Public Health, Montgomery; FY 1966 (Renewal); \$40,000. (CB)
25. Children's Diagnostic and Guidance Center, Montgomery; Department of Public Health, Montgomery; FY 1966 (Renewal); \$55,540. (CB)
26. Macon County-Tuskegee Medical and Hospital Care; Department of Public Health, Montgomery; FY 1966 (Renewal); \$100,000. (CB)
27. Maternity and Infant Care, Mobile; Department of Public Health, Montgomery; 6/1/66-6/30/67 (Initial); \$773,327. (CB)
28. Maternity and Infant Care, Birmingham; Jefferson County Department of Health; 6/1/66-6/30/67 (Initial); \$678,952. (CB)
29. Workshop Improvement Grant; New Hope Industries, Dothan; 6/17/66-6/16/67 (Initial); \$10,962. (VRA)
30. Workshop Improvement Grant; Opportunity Center, Anniston; 6/23/66-6/22/67 (Initial); \$9,594. (VRA)

ALASKA

Training

31. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$16,800. (OE)

Construction

32. Harborview Memorial Hospital; Valdez; 5/5/66 (Initial); \$81,679. (DHMF)

Other

33. Mental Retardation Planning and Implementation; Alaska Department of Health and Welfare, Juneau; 1/1/66-12/31/67 (Initial); \$35,000. (DCD)

Alaska (cont'd)

34. Consultative Services; Curriculum and Consultative Services to Local School Districts; State Education Agency, Juneau; 1/20/66 (Initial); \$88,266. (OE)
35. Child Study Center, Anchorage; Department of Health and Welfare, Juneau; FY 1966 (Renewal); \$42,100. (CB)

ARIZONA

Research and Demonstration

36. A Developmental Program for the Severely Retarded; Gareth E. Thorne, Arizona Children's Colony, Coolidge; 2/66 (Initial); \$99,981. (NIMH)
37. An Operant Conditioning Study of Physical, Social and Emotional Behavior Necessary for the Classroom Admission and Retention of Mentally Retarded Children; Dr. Lee Myerson, Valley of the Sun School for Retarded Children, Phoenix; 6/4/65-6/30/67 (Renewal); \$9,035. (OE)
38. Cooperative Psychological Service Center; Cochise County School Superintendent and the School Districts, Bisbee; 1 year (Initial); \$30,313 (Substantial Part. (OE)

Training

39. Preparation of Professional Personnel in the Education of Handicapped Children; Arizona State University, Tempe; 6/1/66-6/30/67 (Initial); \$28,000. (OE)
40. Preparation of Professional Personnel in the Education of Handicapped Children; Northern Arizona University, Flagstaff; 6/1/66-6/30/67 (Initial); \$17,500. (OE)
41. Preparation of Professional Personnel in the Education of Handicapped Children; University of Arizona, Tucson; 6/1/66-6/30/67 (Initial); \$29,600. (OE)
42. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$24,000. (OE)

Construction

43. Arizona Preschool for Retarded Children; Phoenix; 5/11/66 (Initial); \$60,000. (DHMF)
44. Valley of the Sun School; Phoenix; 5/12/66 (Initial); \$56,115. (DHMF)

Other

45. Mental Retardation Planning and Implementation; Arizona State Department of Health, Phoenix; 1/1/66-6/30/68 (Initial); \$35,000. (DCD)

Arizona (cont'd)

- 46. Child Developmental Center, Maricopa County; Department of Health, Phoenix; FY 1966 (Renewal); \$149,640. (CB)
- 47. Children's Evaluation Center of Southern Arizona; Department of Health, Phoenix; FY 1966 (Initial); \$75,359. (CB)
- 48. Maternity and Infant Care, Pinal County; Department of Health, Phoenix; 2/1/65-6/30/66 (Initial); \$164,510. (CB)

ARKANSAS

Research and Demonstration

- 49. Added Stress and Metabolic Response of the Premature; Beard, Alice G., University of Arkansas, Little Rock; 9/65-8/67 (Renewal); \$14,503. (NICHD)
- 50. Prenatal Effects of Tranquilizers on Offspring; Seager, Lloyd D., University of Arkansas, Little Rock; 1/66-12/67 (Renewal); \$16,615. (NICHD)
- 51. Perinatal Stress and Prematurity; John H. Bornhofen, University of Arkansas, Little Rock; 2/66-1/70 (Initial); \$26,160. (NICHD)
- 52. Improved Care for the Profoundly and Severely Retarded; Charles E. Acuff, Arkansas Children's Colony, Conway; 7/65 (Renewal); \$91,162. (NIMH)
- 53. A Program for Institutionalized Mentally Retarded Adults; Arkansas Rehabilitation Service, Little Rock; 2/1/66-1/31/67 (Renewal); \$102,782. (VRA)

Training

- 54. Summer Service Study Program on Mental Retardation; Arkansas Children's Colony; Conway; 5/1/66-12/31/66 (Initial); \$8,364. (DCD)
- 55. Inservice Training, Mental Retardation; Arkansas Children's Colony, Conway; 7/65 (Initial); \$18,900. (NIMH)
- 56. Preparation of Professional Personnel in the Education of Handicapped Children; Arkansas State College, State College; 6/1/66-6/30/67 (Initial); \$25,600. (OE)
- 57. Preparation of Professional Personnel in the Education of Handicapped Children; Arkansas State Teachers College, Conway; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
- 58. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$44,570. (OE)
- 59. Center for Diagnostic and Remedial Services; Magnolia School District No. 14, Magnolia; 1 year (Initial); \$30,500. (OE)
- 60. Care of Premature Infants; Board of Health, Little Rock; FY 1966 (Renewal); \$25,880. (CB)

Construction

- 61. Arkansas Children's Colony; Conway; 5/20/66 (Initial); \$116,197. (DHMF)

Arkansas (cont'd)

Other

62. Mental Retardation Planning and Implementation; Arkansas State Board of Health, Little Rock; 2/1/66-6/30/68 (Initial); \$35,000. (DCD)
63. Maternity and Infant Care; Board of Health, Little Rock; 4/1/65-6/30/66 (Initial); \$564,925. (CB)
64. Child Development Center; Board of Health, Little Rock; FY 1966 (Renewal); \$66,082. (CB)

CALIFORNIA

Research and Demonstration

65. Demonstration Project Illustrating the Value of Urinary Chromatographic Screening in a Selected Population of Mentally Retarded Children; Children's Hospital of Los Angeles, Department of Pediatrics, University of Southern California, School of Medicine, Los Angeles; 7/1/63-6/30/68 (Renewal); \$44,306. (DCD)
66. Mental Retardation Community Service Center; Children's Hospital of Los Angeles, Los Angeles; 12/1/64-6/30/69 (Renewal); \$159,873. (DCD)
67. Coordination Center for the Mentally Retarded; San Bernardino County Health Department, San Bernardino; 7/1/66-6/30/69 (Initial); \$31,992. (DCD)
68. Biologic & Environmental Factors in Child Development; Yerushalmy, J., Kaiser Foundation Research Institute, Oakland; 4/66-3/69 (Renewal); \$677,988. (NICHD)
69. Blood Grouping Studies; Yerushalmy, J., Kaiser Foundation Research Institute, Oakland; 4/66-3/69 (Renewal); \$143,988. (NICHD)
70. Studies on the Intervillous Space and Fetal Oxygen; Quilligan, Edward J., Los Angeles County Harbor General Hospital, Torrance; 12/65-11/67 (Renewal); \$16,750. (NICHD)
71. Prevention of Iso-Immuneization with Anti-Rh Serum; Jennings, Elmer R., Memorial Hospital of Long Beach, Long Beach; 5/66-4/67 (Renewal); \$11,950. (NICHD)
72. Toxic Effects of Insecticides in the Newborn; Ortega, Paul, Mount Zion Hospital and Medical Center; San Francisco; 5/66-4/67 (Renewal); \$32,912. (NICHD)
73. Factors in Survival of Apneic Newborn Mammals; Goodlin, Robert C., Stanford University, Stanford; 1/66-12/67 (Renewal); \$20,955. (NICHD)
74. Pregnancy Isoimmunization in the Mouse; Goodlin, Robert C., Stanford University, Stanford; 1/66-12/67 (Renewal); \$22,901. (NICHD)
75. Lung Surfactant, Origin and Identity; Klaus, Marshall H., Stanford University, Stanford; 12/65-11/67 (Renewal); \$14,821. (NICHD)
76. Cerebrovascular Response to Embryonic Overgrowth; Burda, Doris J., Stanford University, Stanford; 2/66-1/69 (Initial); \$11,935. (NICHD)

California (cont'd)

77. Chromosome Identification in Congenital Anomalies; Luzzatti, Luigi, Stanford University, Stanford; 2/66-1/69 (Initial); \$34,690. (NICHD)
78. Metabolic and Circulatory Studies in Infants; Adams, Forrest Hood, University of California, Los Angeles; 5/66-4/67 (Renewal); \$20,096. (NICHD)
79. Sleeping and Waking States in Premature Infants; Parmelee, Arthur H., Jr., University of California, Los Angeles; 5/66-4/68 (Renewal); \$97,831. (NICHD)
80. Fetal Lung Fluid; Adams, Forrest Hood; University of California, Los Angeles; 9/65-8/68 (Initial); \$19,216. (NICHD)
81. Development of Bilirubin Metabolism; Ulstrom, Robert A., University of California, Los Angeles; 9/65-8/67 (Renewal); \$24,751. (NICHD)
82. Growth Retardation of the Human Fetus; Wilson, Miriam G., University of Southern California, Los Angeles; 6/66-5/68 (Renewal); \$10,027. (NICHD)
83. Chronic Congenital Rubella; Jones, Margaret H., University of California, Los Angeles; 6/66-5/68; (Initial); \$29,672. (NICHD)
84. Galactosemia Genetics, Incidence and Pathophysiology; Ernest Beutler, City of Hope Medical Center, Duarte; 2/66-1/69 (Initial); \$51,427. (NICHD)
85. Biochemical Disturbances in Downs Syndrome; George N. Donnell, Children's Hospital of Los Angeles, Los Angeles; 6/66-5/69 (Renewal); \$31,721. (NICHD)
86. Study of Meiosis in Relation to Mental Retardation; John Melnyk, Children's Hospital of Los Angeles, Los Angeles; 4/66-3/70 (Renewal); \$25,643. (NICHD)
87. Biochemical and Molecular Basis of Mental Disease; Kenneth N.F. Shaw, Children's Hospital of Los Angeles, Los Angeles; 9/65-8/66 (Renewal); \$75,377. (NICHD)
88. Effect of Amino Acids on Metabolism, EEG, & Behavior; Charles M. McKean, Sonoma State Hospital, Eldridge; 4/65-3/68 (Renewal); \$33,390. (NICHD)
89. Experimental PKU Induced by Enzyme Inhibitors; Chozo Mitoma, Stanford Research Institute, Menlo Park; 2/66-1/69 (Initial); \$22,123. (NICHD)
90. Biochemical Defects Related to Congenital Anomalies; Irwin A. Schafer, Stanford University, Stanford; 1/66-12/66 (Renewal); \$16,784. (NICHD)
91. Biochemical Systems in Experimental Mental Deficiency; Arthur Yuwiler, University of California, Los Angeles; 9/65-8/67 (Renewal); \$27,772. (NICHD)
92. Pathogenesis of Central Nervous System Malformations; Jack G. Chamberlain, University of California, San Francisco; 4/66-3/68 (Renewal); \$15,689. (NICHD)
93. Prenatal Stimulation of Cortical-Neuron Proliferation; Stephen Zamenhof, University of California, Los Angeles; 2/66-1/70 (Initial); \$26,793. (NICHD)
94. Molecular Neurobiology; Joshua Lederberg; Stanford University, Stanford; 12/64-11/65 (Renewal); \$117,217. (NINDB)
95. A Study of Inborn Errors of Spingolipid Metabolism; George Rouser, City of Hope Medical Center, Duarte; 10/65-9/66 (Renewal); \$34,500. (NINDB)
96. Biochemical Studies of Myelinization; Guy M. McKhann, Stanford University School of Medicine, Palo Alto; 5/66-4/67 (Renewal); \$16,958. (NINDB)
97. A Habilitation Program for the Severely Retarded; Sebastian F. Casalaina, Pacific State Hospital, Pomona; 7/65 (Renewal); \$98,770. (NIMH)

California (cont'd)

98. Training Program for Retarded Blind and Deaf Children; D. M. Bramwell, Sonoma State Hospital, Eldridge; 9/65 (Initial); \$93,604. (NIMH)
99. Habilitation of Disturbed Adolescent Male Retardates; James T. Shelton, Porterville State Hospital, Porterville; 6/66 (Initial); \$95,700. (NIMH)
100. Mental Retardation Referral Information Center; Ralphhyne MacDonald, San Francisco Department of Public Health, San Francisco; 11/65 (Renewal); \$69,400. (NIMH)
101. Neuropathology in Mental Illness and Deficiency; John S. Woodard, Camarillo State Hospital, Camarillo; 1/66 (Renewal); \$34,885. (NIMH)
102. Sociobehavioral Study Center for Mental Retardation; Harvey F. Dingman, Pacific State Hospital, Pomona; 10/65 (Renewal); \$431,285. (NIMH)
103. Sociobehavioral Study Center for Mental Retardation; Harvey F. Dingman, Pacific State Hospital, Pomona; 6/66 (Renewal); \$37,861. (NIMH)
104. Establishment of Correct Use of Pronouns and Prepositions in Schizophrenic and Retarded Children; Dr. O. Ivar Lovaas, University of California, Los Angeles; 3/16/66 - 3/16/67 (Initial); \$19,841. (OE)
105. Improving the Social Behavior of Young, Educable Mental Retardates; Dr. Sheila A. Ross; 6/1/66 - 3/31/67 (Initial); \$9,059. (OE)
106. A Comparison of Mentally Retarded High School Students in Work Study Versus Traditional Programs; Clifford E. Howe, Long Beach Unified School District, Long Beach; 6/1/66 - 11/30/67 (Initial); \$6,924. (OE)
107. The Use of Games to Facilitate the Learning of Basic Number Concepts in Preschool Educable Mentally Retarded Children; Dr. Dorothea M. Ross, Stanford University School of Medicine, Palo Alto; 6/1/66 - 5/31/67 (Initial); \$26,823. (OE)
108. The Relationship Between Intentional Learning, Incidental Learning and Type of Reward in Preschool Educable Mental Retardates; Dr. Dorothea M. Ross, Stanford University, Stanford; 2/1/66 - 12/31/66 (Initial); \$9,516. (OE)
109. Groundsman - Gardner for Special Class Students (Educable Mentally Retarded Youth); Oakland Unified School District, Oakland; 6/15/66 - 9/30/66 (Initial); \$3,800. (OE)
110. Personal - Social and Vocational Scale for the Mentally Retarded; San Francisco State College, San Francisco; 7/1/64 - 6/30/66 (Renewal); \$43,172. (OE)
111. A Pilot Project in Curriculum for Work, Experience and Occupation Course for Educable Mentally Retarded Students; Oakland Unified School District, Oakland; 7/1/65 - 7/31/66 (Initial); \$7,034. (OE)
112. Planning a Regional Program of Individualized Instruction for Special Education Pupils Using Multi-professional and Cooperative Effort; Downey Unified School District, Downey; 1 year (Initial); \$42,600. (OE)
113. School Non-success and Pre-School Preventive Intervention; Office of Contra Costa County Superintendent of Schools, Pleasant Hill; 1 year (Initial); \$129,700. (OE)
114. A Redirection of School of Nursing Services in Culturally Deprived Neighborhoods; Oakland Public Schools, Oakland; 4/1/66 - 3/31/67 (Renewal); \$42,172. (CB)

California (cont'd)

115. Effect of Sensorimotor Activity on Perception and Learning in the Neurologically Handicapped Child; University of Southern California, Los Angeles; 7/1/66 - 6/30/67 (Initial); \$14,249. (CB)
116. The Impact of the Law Upon the Mental, Physical and Moral Health of the Family Unit; University of California, Berkeley; 1/1/66 - 12/31/66 (Renewal); \$84,952. (CB)
117. Community Organization Action Plan for the Mentally Retarded; Co-Ord Council on Mental Retardation, San Francisco; 8/1/65 - 10/31/66 (Initial); \$53,535. (VRA)
118. Coordination of Workshops for the Mentally Retarded in a Metropolitan and Suburban Area; Exceptional Children Foundation, Los Angeles; 10/1/65 - 9/30/66 (Renewal); \$79,730. (VRA)
119. Occupational Training Center for the Mentally Retarded; Hope for Retarded Children, San Jose; 11/1/65 - 10/31/66 (Renewal); \$18,425. (VRA)
120. Coordination of Rehabilitation Services for the Retarded in a Large Metropolitan Area through Legally Constituted Joint Public Authority; Mental Retardation Services Board of Los Angeles County, Los Angeles; 8/1/65 - 7/31/66 (Initial); \$35,140. (VRA)

Training

121. University Faculty Member Support for Full-Time Commitment to Planning for a University-Affiliated Residential and Training Oriented Mental Retardation Center; University of California Medical Center, San Francisco; 7/1/65 - 6/30/67 (Renewal); \$16,978. (DCD)
122. Mental Retardation Clinical Facilities Planning Grant; University of California, Neuro-Psychiatric Institute, Los Angeles; 7/1/65 - 6/30/66 (Renewal); \$34,949. (DCD)
123. Training Program in Medical Genetics; University of California, Center for the Health Sciences, Los Angeles; 7/1/67 - 6/30/70 (Initial); \$93,182. (DCD)
124. Planning for Inter-disciplinary Programs, Demonstration Projects, and Facilities for Professional Training in Mental Retardation; University of Southern California, University Park, Los Angeles; 11/1/65 - 4/30/66 (Renewal); \$15,296. (DCD)
125. Biophysical Cytogenetics, Emphasizing Human Genetics; Theodore J. Regimbal, Jr., University of California, Berkeley; 7/65 - 6/66 (Renewal); \$13,038. (NICHD)
126. Brain Lipids - Cerebral Disorders of Lipid Metabolism; John S. O'Brien, University of Southern California, Los Angeles; 4/66 - 3/67 (Initial); \$18,850. (NICHD)
127. Pediatrics - Hereditary Metabolic Diseases; Kenneth Tsuboi, Stanford University, Stanford; 7/66 - 6/67 (Renewal); \$180,928. (NICHD)
128. Pulmonary Capillary Blood Flow in the Newborn Infant; Hermann B.P. Meyer, Stanford University, Stanford; 7/65 - 6/66 (Renewal); \$500. (NICHD)

California (cont'd)

129. Learning Disturbances of Children - Neuropsychology; Robert E. Schell, Stanford University, Stanford; 9/65 - 8/66 (Renewal); \$500. (NICHD)
130. Developmental Psychology; Paul Mussen, University of California, Berkeley; 7/66 - 6/71 (Initial); \$85,365. (NICHD)
131. Verbal Learning in Children; Harriett Amster, University of California, Berkeley; 7/65 - 6/67 (Renewal); \$16,156. (NICHD)
132. Pilot - Psychiatric Nursing; University of California, Berkeley; 7/65 (Renewal); \$29,735. (NIMH)
133. Psychiatry - Special Areas; University of California, San Francisco; 7/65 (Renewal); \$66,746. (NIMH)
134. Inservice Training, Mental Retardation; Fairview State Hospital, Costa Mesa; 7/65 (Renewal); \$25,000. (NIMH)
135. Inservice Training, Mental Retardation; Pacific State Hospital, Pomona; 7/65 (Renewal); \$25,000. (NIMH)
136. Inservice Training, Mental Retardation; Porterville State Hospital, Porterville; 7/65 (Renewal); \$20,442. (NIMH)
137. Inservice Training, Mental Retardation; Sonoma State Hospital, Eldridge; 7/65 (Initial); \$24,840. (NIMH)
138. Preparation of Professional Personnel in the Education of Handicapped Children; California State College, Fullerton; 6/1/66 - 6/30/67 (Initial); \$28,000. (OE)
139. Preparation of Professional Personnel in the Education of Handicapped Children; California State College, Long Beach; 6/1/66 - 6/30/67 (Initial); \$22,400. (OE)
140. Preparation of Professional Personnel in the Education of Handicapped Children; California State College, Los Angeles; 6/1/66 - 6/30/67 (Initial); \$50,400. (OE)
141. Preparation of Professional Personnel in the Education of Handicapped Children; Sacramento State College, Sacramento; 6/1/66 - 6/30/67 (Initial); \$22,400. (OE)
142. Preparation of Professional Personnel in the Education of Handicapped Children; San Francisco State College, San Francisco; 6/1/66 - 6/30/67 (Initial); \$84,000. (OE)
143. Preparation of Professional Personnel in the Education of Handicapped Children; San Jose State College, San Jose; 6/1/66 - 6/30/67 (Initial); \$44,800. (OE)
144. Preparation of Professional Personnel in the Education of Handicapped Children; University of Southern California, Los Angeles; 6/1/66 - 6/30/67 (Initial); \$33,600. (OE)
145. Preparation of Professional Personnel in the Education of Handicapped Children; Education State Agency; 6/1/66 - 6/30/67 (Initial); \$43,800. (OE)
146. Screening for Potential Reading Difficulties; Fresno City Unified School District, Fresno; 3 years (Initial); \$176,500. (OE)
147. Training in Audiology; Stanford University, Palo Alto; FY 1966 (Renewal); \$77,482. (CB)
148. Training Program in Mental Retardation; University of California, Berkeley; FY 1966 (Renewal); \$137,096. (CB)

California (cont'd)

- 149. Mental Retardation and Community Services; University of California, Berkeley; FY 1966 (Initial); \$15,985. (CB)
- 150. Preparation of Nurses in Mental Retardation; University of California, San Francisco; FY 1966 (Renewal); \$34,933. (CB)
- 151. Cytogenetic Unit; Children's Hospital of Los Angeles; FY 1966 (Renewal); \$72,325. (CB)
- 152. Conference of Mental Retardation Clinic Directors; Children's Hospital of Los Angeles; 3/1/66-7/31/66 (Initial); \$34,706. (CB)
- 153. Collaborative Study of Treated PKU Children; Children's Hospital of Los Angeles; 9/1/65-6/30/66 (Initial); \$43,376. (CB)
- 154. Services for Mentally Retarded Children; Children's Hospital of Los Angeles, Department of Public Health, Berkeley; FY 1966 (Renewal); \$126,565. (CB)
- 155. Center for Short-Term Training Courses; California State College, Los Angeles; 2/1/66-8/31/66 (Initial); \$23,928. (VRA)
- 156. Field Instruction of Social Work Students; University of California, Los Angeles; 9/1/65-8/31/66 (Initial); \$46,233. (VRA)

Construction

- 157. The Home of Guiding Hands, Lakeside; 12/10/65 (Initial); \$625,669. (DHMF)
- 158. Youth Activity Center; Stockton; 12/10/65 (Initial); \$30,877. (DHMF)
- 159. Las Trampas School, Lafayette; 4/11/66 (Initial); \$231,049. (DHMF)
- 160. Dubnoff School for Educational Therapy, North Hollywood; 4/7/66 (Initial); \$96,841. (DHMF)
- 161. St. Vincent's School, Santa Barbara; 4/7/66 (Initial); \$144,452. (DHMF)
- 162. Salem Christian School for the Handicapped, Ontario; 4/12/66 (Initial); \$179,677. (DHMF)
- 163. Spastic Children's Foundation, Los Angeles; 5/19/66 (Initial); \$275,019. (DHMF)
- 164. Neuropsychiatric Institute; University of California, Los Angeles; 1/20/66 (Initial); \$1,660,000. (DRFR)
- 165. Project Development Grants; Fresno Community Workshop, Fresno; 6/17/66-6/16/67 (Initial); \$8,703. (VRA)

Other

- 166. Mental Retardation Planning and Implementation; California Health and Welfare Agency, Sacramento; 2/1/66-6/30/68 (Initial) \$193,900. (DCD)
- 167. Services and Studies of Heritable Diseases of the Newborn; Department of Public Health, Berkeley; FY 1966 (Renewal); \$149,950. (CB)
- 168. Northern California Regional Child Development Center, Children's Hospital of East Bay, Oakland; Department of Public Health, Berkeley; FY 1966 (Renewal); \$127,622. (CB)
- 169. Maternity and Infant Care; San Francisco Department of Public Health; 6/1/65-6/30/66 (Initial); \$147,144. (CB)
- 170. Maternity and Infant Care; Los Angeles County Health Department; 6/1/66-6/30/67 (Initial); \$1,668,386. (CB)

Colorado (cont'd)

171. Maternity and Infant Care; Berkeley Department of Public Health; 3/1/66-6/30/67 (Initial); \$254,505. (CB)
172. Workshop Improvement Grant; Community Rehabilitation, Inc., Long Beach; 6/30/66-6/29/67 (Initial); \$29,675. (VRA)
173. Workshop Improvement Grant; Contra Costa Community Workshop, Richmond; 6/17/66-6/16/67 (Initial); \$19,845. (VRA)
174. Workshop Improvement Grant; Goodwill Industries of the Inland Co., San Bernardino; 6/20/66-6/19/67 (Initial); \$18,390. (VRA)
175. Workshop Improvement Grant; Ontario Pomona Assoc. for Retarded Children, Ontario; 6/20/66-6/19/67 (Initial); \$13,982. (VRA)
176. Workshop Improvement Grant; Sacramento Assoc. for Retarded Children; Sacramento; 6/25/66-6/24/67 (Initial); \$16,560. (VRA)
177. Workshop Improvement Grant; Stanislaus County Society for Crippled Children & Adults, Inc., Modesto; 6/20/66-6/19/67 (Initial); \$24,349. (VRA)
178. Workshop Improvement Grant; Ukiah Valley Assoc. for Retarded Children, Ukiah; 6/15/66-6/14/67 (Initial); \$40,689. (VRA)

COLORADO

Research and Demonstration

179. Pueblo Community Interagency Mental Retardation Program; Pueblo Inter-Agency Citizen's Council for the Seriously Handicapped and Mentally Retarded, Pueblo; 9/15/65-9/14/67 (Renewal); \$10,260. (DCD)
180. Intermediary Metabolism in Premature Infants; Brazie, Joseph V., University of Colorado, Denver; 9/65-8/67 (Renewal); \$26,209. (NICHD)
181. Mammalian Chromosomes as Genetic Markers in Vitro; Puck, Theodore T., University of Colorado, Denver; 10/65-9/67 (Renewal); \$82,425. (NICHD)
182. Perceptual Development as Related to Reading Progress; Rudnick, Mark; University of Colorado, Denver; 5/66-4/69 (Initial); \$19,279. (NICHD)
183. Development of Phenylketonurics Controlled from Birth; William K. Frankenburg, University of Colorado, Denver; 9/65-8/66 (Renewal); \$33,847. (NICHD)
184. Aromatic Amino Acid Metabolism in Retarded Children; Donough O'Brien, University of Colorado, Denver; 6/66-5/68 (Renewal); \$29,886. (NICHD)
185. Program Improvement for Institutionally Deprived Males; Robert M. Porter, State Home and Training School, Grand Junction; 7/65 (Renewal); \$93,451. (NIMH)
186. Habilitative Planning - Severe to Moderate Retardates; Merlin W. Zier, State Home and Training School, Wheat Ridge; 7/65 (Renewal); \$98,540. (NIMH)
187. Research Conference in Special Education Services in Sparsely Populated Areas; Dr. James R. Galloway, Western Interstate Commission for Higher Education; Boulder; 2/3/66-2/2/67 (Initial); \$18,377. (OE)
188. Protecting the Child Victim of Sex Crimes Committed by Adults; American Human Association; Denver; 7/1/66-6/30/67 (Renewal); \$68,426. (CB)

Colorado (cont'd)

189. Training Mental Retardates with Severe Defects for a Productive Occupation: Laradon Hall Society, Denver: 7/1/65-12/31/66 (Renewal): \$20,414. (VRA)

Training

190. Occupational Therapy Student Work-Experience Program in Mental Retardation: Denver Board for Mental Retardation and Seriously Handicapped, Denver: 6/1/66-12/31/66 (Initial): \$6,132. (DCD)
191. Multi-disciplinary Training Program in Mental Retardation; University of Colorado Medical Center, Denver: 7/1/66-6/30/67 (Initial); \$113,648. (DCD)
192. Mental Retardation: C. Henry Kempe, University of Colorado, Denver; 7/66-6/67 (Renewal); \$44,554. (NICHD)
193. Study of Inherited Metabolic Defects in Childhood; Donough O'Brien, University of Colorado, Denver; 7/66-6/67 (Renewal); \$29,061. (NICHD)
194. Hypercoagulability, RDS and Intracranial Hemorrhage; Marguerite Markarian, University of Colorado, Denver; 1/66-12/66 (Renewal); \$6,500. (NICHD)
195. Inservice Training, Mental Retardation; State Home and Training School, Grand Junction; 7/65 (Renewal); \$23,148. (NIMH)
196. Inservice Training, Mental Retardation; State Home and Training School, Wheat Ridge; 7/65 (Renewal); \$23,097. (NIMH)
197. Preparation of Professional Personnel in the Education of Handicapped Children: Colorado State College, Greeley; 6/1/66-6/30/67 (Initial); \$84,800. (OE)
198. Preparation of Professional Personnel in the Education of Handicapped Children; Loretto Heights College, Loretto; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
199. Preparation of Professional Personnel in the Education of Handicapped Children; University of Denver, Denver: 6/1/66-6/30/67 (Initial); \$42,400. (OE)
200. Preparation of Professional Personnel in the Education of Handicapped Children: State Education Agency; 6/1/66-6/30/67 (Initial); \$16,300. (OE)
201. Laboratory Studies in Biochemistry and Cytogenetics in Relation to Mental Retardation; University of Colorado, Denver; FY 1966 (Renewal); \$20,276. (OA)
202. Nursing Management for the Mentally Retarded; University of Colorado, Denver; 1/1/66-4/1/66 (Initial); \$6,020. (CB)
203. University of Colorado Premature Program; Department of Public Health, Denver; FY 1966 (Renewal); \$85,000. (CB)
204. Field Instruction of Social Work Students; University of Denver, Denver; 6/1/66-5/31/67 (Renewal); \$42,476. (VRA)
205. Institute on Mental Retardation for Clergymen: Colorado State College, Greeley; 11/22/66-4/30/66 (Initial); \$4,250. (VRA)

Construction

206. Laradon Hall School for Exceptional Children, Denver; 6/6/66 (Initial); \$61,200. (DHMF)

Colorado (cont'd)

- 207. Residential and Training Facility for Mentally Retarded Children; Julesburg: 6/27/66 (Initial); \$33,750. (DHMF)
- 208. University of Colorado Medical Center; Boulder; 1/3/66 (Initial); \$369,000. (DHMF)

Other

- 209. Mental Retardation Planning and Implementation; Colorado Department of Institutions, Denver; 2/1/66-6/30/68 (Initial); \$30,000. (DCD)
- 210. The Battered Child Syndrome; University of Colorado, Denver; FY 1966 (Renewal); \$28,762. (CB)
- 211. Maternity and Infant Care: Denver City and County Department of Health and Hospitals; 6/1/65-6/30/66 (Initial); \$195,352 (CB)
- 212. Maternity and Infant Care; Tri-County District (Health Department; Aurora; 6/1/65-6/30/66 (Initial); \$186,335. (CB)
- 213. Rehabilitation for Mentally Retarded Children; Department of Public Health, Denver; FY 1966 (Renewal); \$220,491. (CB)

CONNECTICUT

Research and Demonstration

- 214. A Project to Demonstrate New Direction in Community Programming for the Severely Retarded Adult; Parents and Friends of Mentally Retarded Children of Bridgeport, Inc., Bridgeport; 9/20/66-9/19/70 (Initial); \$54,625 (DCD)
- 215. Biochemical Development of Surfactant of Lung: Gluck, Louis, Yale University, New Haven: 10/65-9/70 (Initial); \$35,808. (NICHD)
- 216. Electronic Evaluation of Fetal EGG and Heart Rate: Hon, Edward Harry, Yale University, New Haven: 9/65-8/66 (Renewal); \$47,659. (NICHD)
- 217. Cytogenetic Studies in Mental Retardation; W. Roy Berg, Southbury Training School, Southbury; 5/66-4/69 (Renewal); \$39,740. (NICHD)
- 218. Classical Conditioning of Eye Movements in Retardates; David Zeaman, University of Connecticut, Storrs: 9/65-8/68 (Initial); \$24,318. (NICHD)
- 219. Mansfield Resident Improvement Plan; Francis P. Kelley, Mansfield State Training School, Mansfield Depot; 7/65 (Renewal); \$100,000. (NIMH)
- 220. A Plan to Reduce Institutionalization of the Retarded; Fred F. Finn, Seaside Regional Center, Waterford; 7/65 (Renewal); \$65,753. (NIMH)
- 221. Training Program for Profoundly and Severely Retarded; Frank R. Giliberty, Southbury Training School, Southbury; 7/65 (Renewal); \$68,503. (NIMH)
- 222. Pre-placement Group Training Program; Frank R. Giliberty, Southbury Training School, Southbury; 7/65 (Renewal); \$13,609. (NIMH)

Connecticut (cont'd)

- 223. Learning and Transfer Processes in Mental Defectives; David Zeaman, University of Connecticut, Storrs; 9/65 (Renewal); \$42,504. (NIMH)
- 224. Motivational Factors in the Performance of Retardates; Edward F. Zigler, Yale University, New Haven; 9/65 (Renewal); \$52,200. (NIMH)
- 225. A Program Demonstration by Teachers of the Mentally Handicapped; Dr. John F. Cawley and John O. Goodman, the University of Connecticut, Storrs; 6/1/65-5/31/67 (Renewal); \$2,880. (OE)
- 226. A Coordinated Program of Special Education and Vocational Rehabilitation Services for the Mentally Retarded; Department of Education, Hartford; 3/1/66-2/28/67 (Renewal); \$49,668. (VRA)
- 227. Comprehensive Community Based Services for the Retarded; Parents & Friends of Mentally Retarded Children of Bridgeport, Bridgeport; 11/1/65-10/30/66 (Renewal); \$109,763. (VRA)

Training

- 228. Student Summer Work-Experience Program; Southbury Training School, Southbury; 5/1/66-12/31/66 (Initial); \$24,000. (DCD)
- 229. A Short-Term Mental Retardation Learning Experience for a Faculty of a Baccalaureate School of Nursing; University of Connecticut School of Nursing, Storrs; 5/1/66 -12/31/66 (Initial); \$3,921. (DCD)
- 230. Mental Retardation; Sam. L. Witryol, University of Connecticut, Storrs; 7/66-6/67 (Renewal); \$47,187. (NICHD)
- 231. Retardate Discrimination Learning and Attention; David Zeaman, University of Connecticut, Storrs; 7/66-6/67 (Renewal); \$25,474. (NICHD)
- 232. Distractibility in Mental Retardates; John M. Belmont, Yale University, New Haven; Not Yet Activated; (Initial); \$5,579. (NICHD)
- 233. Evaluation of Fetal Distress by Electronic Techniques; Edward Harry Hon, Yale University, New Haven; 10/65-9/66 (Renewal); \$24,900. (NICHD)
- 234. Developmental Processes in Normal and Abnormal Infants; Sally Ann Provence, Yale University, New Haven; 7/66-6/67 (Renewal); \$18,150. (NICHD)
- 235. Lipids Surface and Fibrinolytic Activity in the Lung; Arthur I. Eidelman, Yale University, New Haven; 7/65-6/66 (Renewal); \$500. (NICHD)
- 236. Cognition and Environment in Adaptive Development; Thomas M. Achenbach, Yale University, New Haven; Not yet activated (Initial); \$5,084. (NICHD)
- 237. Research Training Program in Reproductive Physiology, Leon I. Mann, Yale University, New Haven; Not yet activated (Initial); \$9,305. (NICHD)
- 238. Inservice Training, Mental Retardation; Mansfield State Training School and Hospital, Mansfield Depot; 7/65 (Renewal); \$24,650. (NIMH)
- 239. Inservice Training, Mental Retardation; New Haven Regional Center for Mentally Retarded, New Haven; 7/65 (Renewal); \$23,900. (NIMH)
- 240. Inservice Training, Mental Retardation; Seaside Regional Center, Waterford; 7/65 (Renewal); \$18,987. (NIMH)
- 241. Inservice Training, Mental Retardation; Southbury Training School, Southbury; 7/65 (Renewal); \$24,932. (NIMH)
- 242. Preparation of Professional Personnel in the Education of Handicapped Children; St. Joseph College, West Hartford; 6/1/66-6/30/67 (Initial); \$21,600. (OE)

Connecticut (cont'd)

- 243. Preparation of Professional Personnel in the Education of Handicapped Children; Southern Connecticut State College, New Haven; 6/1/66-6/30/67; (Initial); \$47,600. (OE)
- 244. Preparation of Professional Personnel in the Education of Handicapped Children; University of Connecticut, Storrs; 6/1/66-6/30/67 (Initial); \$29,600. (OE)
- 245. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$5,600. (OE)
- 246. Evaluation and Counseling Program for Mentally Retarded Children, New Haven; Department of Health, Hartford; FY 1966 (Renewal); \$64,585. (WA)
- 247. Field Instruction of Social Work Students; University of Connecticut, Storrs; 9/1/65-8/31/66 (Renewal); \$31,358. (VRA)

Construction

- 248. Hartford Regional Center for Mental Retarded, Newington; 5/16/66 (Initial); \$50,000. (DHMF)
- 249. New Haven Regional Center for Mentally Retarded, New Haven; 5/25/66 (Initial); \$50,000. (DHMF)

Other

- 250. Mental Retardation Planning and Implementation; Connecticut Department of Health, Hartford; 1/1/66-12/31/67 (Initial); \$35,000. (DCD)
- 251. Maternity and Infant Care; Hartford Department of Health; 3/1/66-6/30/67 (Initial); \$412,800. (CB)
- 252. Extension and Improvement of Services for Mentally Retarded Clients Through a Comprehensive Team Approach; Connecticut Division of Vocational Rehabilitation; 7/13/65 (Initial); \$32,977. (VRA)

DELAWARE

Research and Demonstration

- 253. Influences of an Advance Organizer on the Verbal Learning and Retention of Educable Mentally Retardates; John Neisworth and Robert Smith, University of Delaware; Newark; 6/1/66-5/31/67 (Initial); \$27,660. (OE)
- 254. Work Experience for the Mentally Retarded in Their Last Year of School; Opportunity Center, Wilmington; 1/1/66-12/31/66 (Renewal); \$38,260. (VRA)

Training

- 255. Preparation of Professional Personnel in the Education of Handicapped Children; University of Delaware; 6/1/66-6/30/67 (Initial); \$22,400. (OE)

Delaware (cont'd)

256. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$38,800. (OE)

Construction

257. Hospital for the Mentally Retarded, Georgetown; 6/8/66 (Initial); \$100,000. (DHMF)

Other

258. Mental Retardation Planning and Implementation; Delaware Commission on Children and Youth, Dover; 6/1/66-6/30/68 (Initial): \$26,250. (DCD)

DISTRICT OF COLUMBIA

Research and Demonstration

259. Evaluating State Institutions for the Retarded; American Association on Mental Deficiency, Regency House, Washington; 7/1/66-6/30/69 (Initial); \$74,058. (DCD)
260. Expansion of a Unified Approach in Mental Retardation with Neurological and Sensory Disorders; prenatal, perinatal, and postnatal, Georgetown University School of Medicine, Washington; 4/1/63-3/31/68 (Renewal); \$91,500. (DCD)
261. Development of EEG & Behavioral Responses to Stimuli: Barnet, Ann B., Children's Hospital of D.C., Washington; 11/65-10/66 (Initial); \$50,415. (NICHD)
262. Testing the Hearing of Subnormal Children; Edgar F. Waldon, Catholic University of America, Washington, D.C.; 4/66-3/67 (Renewal); \$11,714. (NICHD)
263. Physiologically Active Substances from Neural Tissue; Alfred B. Chaet, The American University, Washington, D.C.; 9/65-8/66 (Renewal); \$6,165. (NINDB)
264. Physiologic Stages in the Neonatal Period; Richmond S. Paine, Research Foundation of Children's Hospital of the D.C., Washington, D.C.; 9/65-12/66 (Renewal); \$18,696. (NINDB)
265. The Mentally Retarded and The Law; Richard C. Allen, George Washington University, Washington; 12/65 (Renewal); \$16,728. (NIMH)
266. Paired Associate Learning in Retarded Children; Norman A. Milgram, Catholic University of America, Washington; 1/66 (Renewal); \$10,056. (NIMH)
267. Prevention of Culturally Determined Retardation; Reginald S. Lourie, Children's Hospital, Washington; 10/65 (Renewal); \$75,772. (NIMH)
268. A Group Day Care Program for Culturally Deprived Children and Parents; George Washington University, Washington; 8/1/66-7/31/67 (Renewal); \$37,775. (CB)

District of Columbia (cont'd)

- 269. A Group Day Care Program for Culturally Deprived Children and Parents; Howard University, Washington; 8/1/66-7/31/67 (Renewal); \$19,998. (CB)
- 270. Law, Mental Disorder and Juvenile Processes; Washington Center for Metropolitan Studies; Washington; 7/1/66-6/30/67 (Initial); \$73,044. (CB)
- 271. State DVR Role in Implementation of the Federal Program of Employment of the Mental Retardates; Department of Vocational Rehabilitation, Washington; 3/1/66-2/28/67 (Renewal); \$25,542. (VRA)
- 272. Coordinated Program of DVR and Public Schools for Mentally Retarded; Department of Vocational Rehabilitation, Washington; 9/1/65-10/31/66 (Initial); \$50,000. (VRA)
- 273. New Work Opportunities for the Mentally Retarded; National Association of Sheltered Workshops & Homebound Program; 6/1/66-5/31/67 (Initial); \$92,210. (VRA)

Training

- 274. Field Instruction for Social Workers in Mental Retardation; Howard University, School of Social Work, Washington; 7/1/66-6/30/71 (Initial); \$22,180. (DCD)
- 275. Differential Diagnosis of Mental Retardates Related to Speech and Hearing Problems; The Catholic University of America, Washington; 4/30/66-12/31/66 (Initial); \$10,630. (DCD)
- 276. Preparation of Professional Personnel in the Education of Handicapped Children; Catholic University of America, Washington; 6/1/66-6/30/67 (Initial); \$39,200. (OE)
- 277. Preparation of Professional Personnel in the Education of Handicapped Children; George Washington University, Washington; 6/1/66-6/30/67 (Initial); \$49,600. (OE)
- 278. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$11,200. (OE)
- 279. Chromosomal Studies of Children with Congenital Anomalies or Mental Retardation; Children's Hospital of D.C.; FY 1966 (Renewal); \$15,614. (CB)
- 280. Metabolic and Cytogenetic Laboratories; Howard University, Washington; FY 1966 (Renewal); \$114,563. (CB)
- 281. Training in Child Development; Howard University, Washington; FY 1966 (Initial); \$108,791. (CB)

Construction

- 282. St. Gertrude's School of Arts and Crafts, Washington; 6/30/66 (Initial); \$108,274. (DHMF)
- 283. Jewish Foundation for Retarded Children, Inc., Washington; 6/30/66 (Initial); \$108,275. (DHMF)

District of Columbia (cont'd)

Other

- 284. Mental Retardation Planning and Implementation; District of Columbia Department of Health, Washington; 1/1/66-12/31/67 (Initial); \$35,000. (DCD)
- 285. Personality Development in Chronic Handicapping Diseases of Children; Children's Hospital of D.C.; FY 1966 (Renewal); \$72,586. (CB)
- 286. Maternity and Infant Care; District of Columbia Department of Public Health; Washington; 6/1/65-6/30/66 (Initial); \$1,240,188. (CB)
- 287. Clinic for Mentally Retarded Children; Department of Public Health, Washington; FY 1966 (Renewal); \$131,610. (CB)

FLORIDA

Research and Demonstration

- 288. One Day Diagnostic and Evaluation Clinic; American Legion Children Hospital, St. Petersburg; 7/1/66-6/30/68 (Initial); \$20,663. (DCD)
- 289. Services for Communication Disorders in a Community Program for the Mentally Retarded; McDonald Training Center Foundation, Tampa; 1/1/66-12/31/68 (Initial); \$23,508. (DCD)
- 290. Speech Development for the Mentally Retarded - A Training Film for Volunteer in Antillary Personnel Working with the Mentally Retarded; McDonald Training Center Foundation, Research and Education Division, Tampa; 7/1/66-6/30/67 (Initial); \$25,742. (DCD)
- 291. Physiological Aspects of Placental Permeability; Blechmer, Jack N., University of Florida, Gainesville; 8/65-7/68 (Initial); \$24,874. (NICHD)
- 292. Abnormal Amino Acid Metabolism in Mental Retardation; Melvin Greer, University of Florida, Gainesville; 1/66-12/66 (Renewal); \$9,463. (NICHD)
- 293. Amino Acid Interrelations in Human Metabolic Disease; William L. Nyhan, University of Miami, Miami; 6/66-5/71 (Renewal); \$37,360. (NICHD)
- 294. Refining of Urine Screening Test for Chondroitins; Charles H. Carter, Sunland Hospital at Orlando; Orlando; 4/66-3/67 (Renewal); \$11,500. (NINDB)
- 295. Evoked Potentials-Sensory Interaction in Retardate; Thorne Shipley, Miami University School of Medicine, Coral Gables; 6/66 (Initial); \$4,200. (NIMH)
- 296. Further Development, Comparison and Evaluation of Programmed Instruction for Retarded Children; Leslie Malpass, Alden S. Gilmore and Charles Williams, University of South Florida, Tampa; 5/1/65-8/31/67 (Renewal); \$22,420. (OE)
- 297. Occupational Training Center for the Mentally Retarded; Lee County Association for Retarded Children, Fort Myers; 11/1/65-10/31/66 (Renewal); \$14,337. (VRA)
- 298. Three Approaches to Group Counseling Involving Motion Pictures with Mentally Retarded Young Adults; McDonald Training Center Foundation, Tampa; 7/1/65-3/31/66 (Renewal); \$34,100. (VRA)
- 299. "You're It" - A Training Film for Recreation Leaders Working with the Mentally Retarded; McDonald Training Center Foundation, Tampa; 1/1/66-6/30/66 (Initial); \$18,825. (VRA)

Florida (cont'd)

Training

- 300. Summer Work Experience in Mental Retardation; Division of Mental Retardation, Tallahassee; 6/15/66-12/31/66 (Initial); \$49,955. (DCD)
- 301. Training Program in the Management of Programs for the Mentally Retarded; Florida State University, Tallahassee; 7/1/66-6/30/71 (Initial); \$51,795. (DCD)
- 302. Comprehensive Social Work Training in Mental Retardation; Florida State University, Department of Social Work, Tallahassee; 11/1/65-11/30/70 (Renewal); \$57,132. (DCD)
- 303. Multi-interdisciplinary Traineeship Program; University of Miami, Department of Pediatrics, Miami; 7/1/66-12/31/66; \$8,044. (DCD)
- 304. Mental Retardation Facility: Planning Project; University of Miami, School of Medicine, Department of Pediatrics, Miami; 11/1/65-4/30/67 (Renewal); \$23,505. (DCD)
- 305. Pediatric Research; Douglas H. Sandberg, University of Miami, Coral Gables; 7/66-6/67 (Renewal); \$41,229. (NICHD)
- 306. Preparation of Professional Personnel in the Education of Handicapped Children; Florida State University, Tallahassee; 6/1/66-6/30/67 (Initial); \$62,400. (OE)
- 307. Preparation of Professional Personnel in the Education of Handicapped Children; University of Florida, Gainesville; 6/1/66-6/30/67 (Initial); \$29,600. (OE)
- 308. Preparation of Professional Personnel in the Education of Handicapped Children; University of Miami, Coral Gables; 6/1/66-6/30/67 (Initial); \$29,600. (OE)
- 309. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; University of South Florida, Tampa; 6/1/66-6/30/67 (Initial); \$51,200. (OE)
- 310. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$27,600. (OE)
- 311. Service Laboratory for Biochemical Genetics; University of Miami, Coral Gables; FY 1966 (Renewal); \$71,505. (CB)
- 312. Developmental Evaluation Clinic; Board of Health, Jacksonville; FY 1966 (Renewal); \$199,632. (QB)
- 313. Training Unit in Mental Retardation in West Palm Beach District Office of State Department of Public Welfare; Florida State University, School of Social Welfare, Tallahassee; 7/1/66-6/30/67 (Initial); \$16,759. (CB)
- 314. Field Instruction of Rehabilitation Counseling Students; University of Florida, Gainesville; 9/1/65-8/31/66 (Initial); \$30,236. (VRA)

Construction

- 315. Sunland Training Center, Miami; 4/13/66 (Initial); \$278,117. (DHMF)

Florida (cont'd)

Other

- 316. Mental Retardation Planning and Implementation; Florida Division of Mental Retardation, Tallahassee; 1/1/66-12/31/67 (Initial); \$61,200. (DCD)
- 317. Tampa Mental Retardation Project; Board of Health, Jacksonville; 3/1/66-6/30/66 (Initial); \$23,108. (CB)
- 318. Maternity and Infant Care, Dade County; State Department of Health, Jacksonville; 4/1/65-6/30/66 (Initial); \$553,231. (CB)
- 319. Maternity and Infant Care, Gainesville; State Department of Health, Jacksonville; 6/1/66-6/30/67 (Initial); \$545,460. (CB)
- 320. Maternity and Infant Care, Ft. Lauderdale; State Department of Health, Jacksonville; 6/1/66-6/30/67 (Initial); \$287,588. (CB)
- 321. Maternity and Infant Care, Orange County; State Department of Health, Jacksonville; 6/1/66-6/30/67 (Initial); \$392,990. (CB)
- 322. Maternity and Infant Care, Palm Beach County; State Department of Health, Jacksonville; 6/1/66-6/30/67 (Initial); \$568,497 (CB)
- 323. Workshop Improvement Grant; Palm Beach County Association for Retarded Children, Inc., Lake Worth; 6/15/66-6/14/67 (Initial); \$11,232. (VRA)

GEORGIA

Research and Demonstration

- 324. Implementing a Cooperative Program to Provide a Comprehensive Communication Improvement Counseling Service to Mentally Retarded Children; Augusta Speech and Hearing Center, University Hospital, Augusta; 9/1/65-8/31/69 (Renewal); \$27,878. (DCD)
- 325. Cytogenetic Studies of Human Malformations; Hollowell, Joseph G., Jr., Medical College of Georgia, Augusta; 1/66-12/67 (Renewal); \$5,572. (NICHD)
- 326. Biochemical Defects in Mentally Retarded Children; W. Knowlton Hall, Medical College of Georgia, Augusta; 1/66-12/67 (Renewal); \$101,703. (NICHD)
- 327. Development of a Comprehensive Cottage Life Program; Norman B. Pursley, Gracewood State School and Hospital, Gracewood; 7/65 (Renewal); \$100,000. (NIMH)
- 328. Learning of Basal Reading Skills by Mentally Handicapped and Non-Mentally Handicapped Pupils; Dr. Kathryn A. Blake, University of Georgia; Athens; 6/1/64-5/31/67 (Renewal); \$5,296. (OE)
- 329. A Program to Investigate Reproduction Wastage (Including Related Forms of Mental Retardation and Neurological Damage) in a Very High Risk Urban Indigent Population; Emory University, Atlanta; 7/1/66-6/30/67 (Renewal); \$83,382. (CB)
- 330. Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded; Service for Exceptional Children, Atlanta; 11/1/65-10/31/66 (Renewal); \$25,308. (VRA)

Georgia (cont'd)

331. A Preliminary Investigation of Personal-Social Interaction in Job-Opportunities Available to the Retarded; University of Georgia, Athens; 5/1/66-4/30/67 (Initial); \$14,785. (VRA)

Training

332. Atlanta Association for Retarded Children's Summer Work Program; Atlanta Association for Retarded Children, Inc., Atlanta; 6/20/66-12/31/66 (Initial); \$3,000. (DCD)
333. Planning for University Affiliated Training Programs in the Georgia Retardation Center; Georgia Department of Public Health, Atlanta; 7/1/66-6/30/67 (Initial); \$27,000. (DCD)
334. Teaching Social and Self Care Skills to the Mentally Retarded. A Training Film; Southern Regional Educational Board, Atlanta; 11/15/65-11/14/66 (Renewal); \$23,450. (DCD)
335. Social Work Field Instruction and Curriculum Enrichment in Mental Retardation; University of Georgia, School of Social Work, Athens; 7/1/66-6/30/71 (Initial); \$53,955. (DCD)
336. A Program for Preparing Speech Pathologists to work with the Mentally Retarded; University of Georgia, Athens; 7/1/66-6/30/71 (Initial); \$30,732. (DCD)
337. Inservice Training, Mental Retardation; Gracewood State School and Hospital, Gracewood; 7/65 (Renewal); \$20,956. (NIMH)
338. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; Atlanta University, Atlanta; 6/1/66-6/30/67 (Initial); \$28,000. (OE)
339. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; Georgia State College, Atlanta; 6/1/66-6/30/67 (Initial); \$34,800. (OE)
340. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; University of Georgia, Athens; 6/1/66-6/30/67 (Initial); \$66,800. (OE)
341. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; West Georgia College, Carrollton; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
342. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$30,500. (OE)
343. Clinical Practice of Speech Pathology and Audiology Students; University of Georgia, Athens; 9/1/65-8/31/66 (Renewal); \$25,304. (VRA)
344. Coordination of Vocational Rehabilitation and Special Education Programs for the Mentally Retarded; University of Georgia, Athens; 11/15/65-6/30/66 (Initial); \$8,300 (VRA)

Construction

345. Georgia Retardation Center, Doraville; 6/28/66 (Initial); \$543,383. (DHMF)

Georgia (cont'd)

Other

- 346. Mental Retardation Planning and Implementation; Georgia Department of Public Health, Atlanta; 1/1/66-12/31/66 (Initial); \$46,000. (DCD)
- 347. Maternity and Infant Care; Fulton-DeKalb Hospital Authority, Atlanta; 3/1/65-6/30/66 (Initial); \$1,106,305. (CB)
- 348. Maternity and Infant Care, Augusta; Richmond County Health Department; FY 1966 (Renewal); \$302,255. (CB)
- 349. Services for Preschool Mentally Retarded Children and their Families, District 35; Department of Public Health, Atlanta; FY 1966 (Renewal); \$48,225 (CB)
- 350. Comprehensive Evaluation Center for Mentally Retarded Children, District 36; Department of Public Health, Atlanta; FY 1966 (Renewal); \$82,225.(CB)
- 351. Comprehensive Evaluation Clinic for Mentally Retarded Children, District 37; Department of Public Health, Atlanta; FY 1966 (Initial); \$62,236.(CB)
- 352. To Provide In-Service Training for Pre-vocational Training Instructors, Specialists and Counselors Participating in the Cooperative Programs with Special Education; Georgia Division of Vocational Rehabilitation; 7/1/65 (Renewal); \$18,832. (VRA)
- 353. Laurens County Health Center, Dublin; 5.4 acres of land, VA Reservation, Dublin - site for District Public Health Center, combining all health activities, including mental health and mental retardation; \$673 AC; \$3,500 FV; 6/24/66 (SPU)
- 354. State Department of Public Health, Atlanta; 207.8 acres of land and 131 buildings, VA domiciliary, Thomasville - Hospital for mentally ill and retarded; \$3,598,763 AC; \$1,144,000 FV; 6/14/66 (SPU)

HAWAII

Research and Demonstration

- 355. Infant Psychophysiological Systems; Crowell, David H., University of Hawaii, Honolulu; 9/65-8/69; (Renewal); \$75,568. (NICHD)
- 356. Improved and Extended Patient Care at Waimano; Angie Connor, Waimano Training School and Hospital, Pearl City; 7/65 (Renewal); \$79,800. (NIMH)
- 357. Intensive Program for Community Placement; Angie Connor, Waimano Training School and Hospital, Pearl City; 7/65 (Renewal); \$33,911. (NIMH)

Training

- 358. Student Work Experience and Training Program; Hawaii Association for Retarded Children, Honolulu; 6/1/66-12/31/66 (Initial); \$3,300. (DCD)
- 359. Field Work Instructions in Medical Social Work; University of Hawaii, School of Social Work, Honolulu; 7/1/64-6/30/69 (Renewal); \$19,427 (DCD)
- 360. Development and Training Grant in Mental Retardation; University of Hawaii, Honolulu; 3/1/66-2/28/68 (Initial); \$21,924 (DCD)

Hawaii (cont'd)

- 361. Inservice Training - Mental Retardation; Waimano Training School and Hospital, Pearl City; 7/65 (Renewal); \$25,000. (NIMH)
- 362. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; University of Hawaii; 6/1/66-6/30/67 (Initial); \$44,800. (OE)

Construction

- 363. Ho'opono Annex (Lanakila Crafts), Honolulu; 6/29/66 (Initial); \$100,000. (DHMF)

Other

- 364. Mental Retardation Planning and Implementation; Hawaii Department of Health, Honolulu; 1/1/66-12/31/67 (Initial); \$34,706. (DCD)
- 365. Maternity and Infant Care; State Department of Health, Honolulu; 1/1/66-6/30/67 (Initial); \$279,414. (CB)
- 366. Evaluation Clinics for Mentally Retarded Children; Department of Health, Honolulu; FY 1966 (Renewal); \$157,861. (CB)

IDAHO

Research and Demonstration

- 367. Home Living Training Program: Goal, Habilitation; Erwin C. Sage, Idaho State School and Hospital, Nampa; 2/66 (Initial); \$90,837. (NIMH)
- 368. Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded; Pocatello School District No. 25, Pocatello; 11/1/65-10/31/66 (Renewal); \$25,072. (VRA)

Training

- 369. Mental Retardation Summer Work Program; Idaho Department of Health, State House, Boise; 6/1/66-12/31/66 (Initial); \$16,000. (DCD)
- 370. Inservice Training, Mental Retardation; Idaho State School and Hospital, Nampa; 7/65 (Initial); \$25,000. (NIMH)
- 371. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; Idaho State University, Pocatello; 6/1/66-6/30/67 (Initial); \$36,400. (OE)
- 372. Grant Program for the Preparation of Professional Personnel in the Education of Handicapped Children; University of Idaho, Moscow; 6/1/66-6/30/67 (Initial); \$14,000. (OE)
- 373. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$20,000. (OE)

Idaho (cont'd)

Construction

- 374. Idaho State School and Hospital, Nampa; 5/17/66 (Initial); \$194,700. (DHMF)
- 375. Idaho State School and Hospital, Nampa; 6/27/66 (Initial); \$50,526. (DHMF)

Other

- 376. Mental Retardation Planning and Implementation; Idaho Department of Health, Boise; 1/1/66-12/30/68 (Initial); \$28,336. (DCD)
- 377. Community Mental Retardation Program and Genetics Lab.; Department of Health, Boise; FY 1966 (Renewal); \$73,223. (CB)
- 378. Maternity and Infant Care; State Department of Health, Boise; 6/1/66-6/30/67 (Initial); \$136,643. (CB)

ILLINOIS

Research and Demonstration

- 379. Demonstration of New Pathways for Services to the Homebound Mentally Retarded Child; Charles S. Read Zone Center, Chicago; 6/1/66-5/31/71 (Initial); \$79,755. (DCD)
- 380. Consequences of Early Brain Damage; Berkson, Gershon B., Illinois State Pediatric Institute; Chicago; 8/65-7/67 (Initial); \$16,860. (NICHD)
- 381. Carbohydrate Metabolism in Neonate; Cornblath, Marvin, University of Illinois, Chicago; 9/65-8/69 (Renewal); \$27,480. (NICHD)
- 382. Isosensitization Caused by Pregnancy or Transfusion; Stern, Kurt, University of Illinois, Chicago; 4/66-3/69 (Renewal); \$15,069. (NICHD)
- 383. Intelligence and the Acquisition of Conservation; Brison, David W., University of Illinois; Urbana; 8/65-1/67 (Initial); \$24,346. (NICHD)
- 384. Biochemical Investigation of Mental Retardation; Stanley Berlow, Michael Reese Hospital & Medical Center, Chicago; 9/65-8/68 (Initial); \$12,000. (NICHD)
- 385. Studies of Cognitive Function in Turner's Syndrome; David C. Garron, Presbyterian-St. Luke's Hospital, Chicago; 9/65-8/67 (Initial); \$10,260. (NICHD)
- 386. Experimental CNS Lesions and Psychosomatic Maturation; Arthur Kling, University of Illinois, Chicago; 3/66-5/67 (Initial); \$65,677. (NICHD)
- 387. Brain Lipids of the Fetus and Young Animals; Lloyd A. Witting, Elgin State Hospital, Elgin, Illinois; 9/65-8/66 (Renewal); \$11,467. (NINDB)
- 388. Phosphoethanolamine Metabolism in Developing Brain; Maynard M. Cohen, Presbyterian-St. Luke's Hospital, Chicago, Illinois; 9/65-8/66 (Initial); \$15,120. (NINDB)
- 389. Improved Uses of Institutional and Community Resources; David Edelson, Dixon State School, Dixon; 7/65 (Renewal); \$100,000. (NIMH)

Illinois (cont'd)

- 390. An Institutional Program - Preparation for Independent Life; Joseph Albaum, Lincoln State School, Lincoln; 6/1/66 (Initial); \$32,625. (NIMH)
- 391. Chicago Area Plan for Workers' Mental Health, Arnold Abrams, Roosevelt University, Chicago; 3/66 (Renewal); \$114,137. (NIMH)
- 392. Psycholinguistic Methods for Classifying Aphasia; Joseph M. Wepman, University of Chicago, Chicago; 11/65 (Renewal); \$29,130 (NIMH)
- 393. Psycholinguistic Methods for Classifying Aphasia; Joseph M. Wepman, University of Chicago, Chicago; 5/66 (Renewal); \$23,908. (NIMH)
- 394. Remediation of Disturbed and Retarded Children; Herbert C. Quay, University of Illinois, Urbana; 9/65 (Renewal); \$239,892. (NIMH)
- 395. Experimental Analysis of Behavior in Retardates; Sidney W. Bijou, University of Illinois; 9/65 (Initial); \$30,349 (NIMH)
- 396. Experimental Analysis of Behavior in Retardates; Sidney W. Bijou, University of Illinois; 4/66 (Renewal); \$42,330. (NIMH)
- 397. Peptiduria in Mental Retardation; Stanley Berlow, Michael Reese Hospital, Chicago; 9/65 (Initial); \$11,400. (NIMH)
- 398. Research in Remedial Guidance of Young Retarded Children with Behavior Problems which Interfere with Academic Learning and Adjustment; Sidney W. Bijou, Board of Trustees of the University of Illinois, Urbana; 10/1/65-6/30/66 (Renewal); \$26,119. (OE)
- 399. Development of Comparable Obstetric Gynecologic and Infant Terminology and Clinical Statistics; The American College of Obstetricians and Gynecologists, Chicago; 8/1/66-7/31/67 (Initial); \$40,680. (CB)
- 400. Studies to Improve Diagnosis and Treatment of Fetal Intrauterine Malnutrition; Michael Reese Hospital and Medical Center, Chicago; 7/1/66-6/30/67 (Initial); \$36,930 (CB)
- 401. A Prospective Study of Handicapped Children; University of Illinois Hospitals, Chicago; 8/1/66-7/31/67 (Initial); \$76,798. (CB)

Training

- 402. Conference for Volunteer Service Personnel; Board of Mental Health Commissioners, Chicago; 2/1/66-12/31/66 (Initial); \$3,900. (DCD)
- 403. NU-STEP Special Therapeutic Exercise Project; Northwestern University, Medical School, Chicago; 2/1/66-1/31/67 (Initial); \$43,772. (DCD)
- 404. Student Work Experience with the Mentally Retarded; Southern Illinois University, Carbondale; 6/1/66-12/31/66 (Initial); \$19,000. (DCD)
- 405. Summer Student Work Experience in Mental Retardation; Warren G. Murray, Children's Center, Centralia; 6/1/66-12/31/66 (Initial); \$15,430. (DCD)
- 406. Human Biochemical Genetics; David Yi-Yung Hsia, Children's Memorial Hospital, Chicago; 7/66-6/67 (Renewal); \$7,560. (NICHD)
- 407. Development of Serotonin Metabolism in the Human; Julian L. Berman, Northwestern University, Chicago; Not yet activated; (Initial); \$9,900. (NICHD)
- 408. Inservice Training, Mental Retardation; Warren G. Murray Children's Center, Centralia; 7/65 (Initial); \$22,103. (NIMH)

Illinois (cont'd)

- 409. Preparation of Professional Personnel in the Education of Handicapped Children; DePaul University, Chicago; 6/1/66-6/30/67 (Initial); \$22,400. (OE)
- 410. Preparation of Professional Personnel in the Education of Handicapped Children; Illinois State University, Normal; 6/1/66-6/30/67 (Initial); \$69,600. (OE)
- 411. Preparation of Professional Personnel in the Education of Handicapped Children; MacMurray College, Jacksonville; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 412. Preparation of Professional Personnel in the Education of Handicapped Children; Northern Illinois University, DeKalb; 6/1/66-6/30/67 (Initial); \$25,200. (OE)
- 413. Preparation of Professional Personnel in the Education of Handicapped Children; Southern Illinois University, Carbondale; 6/1/66-6/30/67 (Initial); \$46,000. (OE)
- 414. Preparation of Professional Personnel in the Education of Handicapped Children; University of Illinois, Urbana; 6/1/66-6/30/67 (Initial); \$153,600. (OE)
- 415. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$39,600. (OE)
- 416. Child Developmental Clinic, Children's Hospital, Chicago; Department of Public Health, Springfield; FY 1966 (Renewal); \$50,000. (dB)
- 417. Evaluation and Therapeutic Center for Multiple Handicapped Children; University of Illinois, Chicago; FY 1966 (Renewal); \$68,000. (CB)
- 418. Training in Child Development; University of Illinois, Chicago; 2/1/66-6/30/66 (Initial); \$24,182. (CB)
- 419. Training in Epilepsy; University of Illinois, Chicago; FY 1966 (Renewal); \$25,500. (CB)
- 420. Field Instruction of Rehabilitation Counseling Students; Southern Illinois University, Carbondale; 9/1/65-8/31/66 (Renewal); \$39,446. (VRA)
- 421. Day Camps for the Mentally Retarded; Southern Illinois University, Carbondale; 3/28/66-5/31/66 (Renewal); \$17,975. (VRA)
- 422. Coordination of Vocational Rehabilitation and Secondary School Instruction of the Mentally Retarded; University of Illinois, Urbana; 4/15/66-12/31/66 (Initial); \$7,228 (VRA)

Construction

- 423. Park Lawn School and Activity Center, Oak Lawn; 6/3/66 (Initial); \$171,809. (DHMF)
- 424. Little City Facility for the Mentally Retarded, Palatine; 6/3/66 (Initial); \$142,116. (DHMF)
- 425. Clearbrook Center for the Retarded, Rolling Meadows; 5/24/66 (Initial); \$42,097 (DHMF)
- 426. Warren Achievement School for Handicapped Children, Monmouth; 5/2/66 (Initial); \$96,982. (DHMF)

Illinois (cont'd)

Other

- 427. Mental Retardation Planning and Implementation; Illinois Department of Mental Health, Springfield; 1/1/66-12/31/67 (Initial); \$112,500. (DCD)
- 428. Maternity and Infant Care, Chicago; State Department of Public Health, Springfield; FY 1966 (Renewal); \$3,181,687. (CB)
- 429. Establishment of a Prevocational Evaluation and Training Center, LaGrange Area Department of Special Education; Illinois Division of Vocational Rehabilitation; 7/1/65 (Renewal); \$1,129. (VRA)
- 430. Workshop Improvement Grant; Community Workshop & Training Center, Inc., Peoria; 6/30/66-6/29/67 (Initial); \$24,122. (VRA)
- 431. State Department of Mental Hygiene, Springfield; 3.4 acres of land and 19 buildings, VA Hospital, Dwight - Hospital for Mentally Retarded Children over 6 Years of Age; \$1,702,546 AC; \$1,161,406 FV; 2/15/66 (SPU)

INDIANA

Research and Demonstration

- 432. Family Centered Mental Retardation Nursing; Muscatatuck State Hospital and Training Center, Butlerville; 10/1/66-9/30/71 (Initial); \$31,159. (DCD)
- 433. Human Cytogenetics; Palmer, Catherine Gardella, Indiana University, Bloomington; 2/66-1/69 (Renewal); \$21,240. (NICHD)
- 434. Programmed Tutoring of Elementary Reading; Douglas G. Ellson, Indiana University, Bloomington; 6/65-5/67; (Renewal); \$68,435. (NICHD)
- 435. Nutrition and Growth of Mentally Retarded Children; William J. Culley, Muscatatuck State School, Butlerville; 1/65-12/68 (Renewal); \$20,993. (NICHD)
- 436. Study of Diffuse Degenerative CNS Diseases; Wolfgang Zeman; Indiana University Medical Center, Indianapolis; 9/65-8/66 (Renewal); \$22,843. (NINDB)
- 437. Effect of Diet on Lipids and Amino Acids of Brain; Edwin T. Mertz, Purdue University, Lafayette, Indiana; 5/65-4/66 (Renewal); \$16,489 (NINDB)
- 438. Functional Training Program at Fort Wayne State School; Bernard Dolnick, Fort Wayne State School, Fort Wayne; 7/65 (Renewal); \$99,903. (NIMH)
- 439. University Collaboration for Hospital Improvement; Donald H. Jolly, Muscatatuck State Hospital and Training Center, Butlerville; 6/66 (Initial); \$81,038. (NIMH)
- 440. Self-Care Development and Vocational Habilitation; William E. Murray, New Castle State Hospital, New Castle; 6/66 (Initial); \$99,706. (NIMH)
- 441. The Development and Evaluation of a Diagnostically Based Curriculum for Pre-School Psycho-Socially Deprived Children; Dr. Boyd R. McCandless and Dr. W.L. Hodges, Indiana University Foundation for and on Behalf of Indiana University; Bloomington; (6/1/64-8/31/67 (Renewal); \$73,711.(OE)

Indiana (cont'd)

- 442. Diagnostic, Counseling, and Remedial Center; Vigo County School Corp., Terre Haute; 3 Years (Initial); \$179,100 Substantial Part. (OE)
- 443. A Cooperative Demonstration Work Experience for Mentally Retarded Adolescents; Crossroads Rehabilitation Center, Indianapolis; 7/1/65-6/30/66 (Initial); \$50,028. (VRA)
- 444. Coordinated Program of Vocational Rehabilitation and Special Education for the Mentally Retarded; Vigo County School Corp., Terre Haute; 7/1/65-6/30/66 (Renewal); \$13,000. (VRA)

Training

- 445. Improving Nursing Care of Patients with Cerebral Dysfunction Originating in Childhood; Indiana University Foundation, Bloomington; 7/1/66-6/30/71 (Initial); \$52,671. (DCD)
- 446. Summer Day Camp for Severely Retarded and Multiple Handicapped Children; Lake Company Association for Retarded Children, Inc., Gary; 6/1/66-12/31/66 (Initial); \$10,200. (DCD)
- 447. Biochemistry of Mental Retardation; Edwin T. Mertz, Purdue University, Lafayette; 9/65-6/70 (Initial); \$19,687. (NICHD)
- 448. Inservice Training, Mental Retardation; Fort Wayne State School, Fort Wayne; 7/65 (Initial); \$20,100. (NIMH)
- 449. Preparation of Professional Personnel in the Education of Handicapped Children; Bell State University, Muncie; 6/1/66-6/30/67 (Initial); \$44,000. (OE)
- 450. Preparation of Professional Personnel in the Education of Handicapped Children; Indiana State University, Terre Haute; 6/1/66-6/30/67 (Initial); \$33,200. (OE)
- 451. Preparation of Professional Personnel in the Education of Handicapped Children; Indiana University, Bloomington; 6/1/66-6/30/67 (Initial); \$81,200. (OE)
- 452. Preparation of Professional Personnel in the Education of Handicapped Children; St. Mary's College, Notre Dame; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 453. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$16,800. (OE)

Construction

- 454. Wabash Center for the Mentally Retarded, Inc., Lafayette; 5/17/66 (Initial); \$188,500. (DHMF)
- 455. Green Acres, Richmond; 5/17/66 (Initial); \$173,428 (DHMF)
- 456. Mental Retardation Comprehensive Center (Council for the Retarded of St. Joseph County, Inc.) South Bend; 6/30/66 (Initial); \$392,646. (DHMF)
- 457. University of Indiana; Indianapolis; 12/9/65 (Initial); \$2,140,352. (DHMF)
- 458. University of Indiana; Bloomington; 12/9/65 (Initial); \$1,016,879. (DHMF)

Other

- 459. Mental Retardation Planning and Implementation; Indiana Department of Mental Health, Indianapolis; 1/1/66-12/31/66 (Initial); \$51,700. (DCD)

IOWA

Research and Demonstration

- 460. Interagency Case Information Service; The Mental Retardation Planning Unit, Division of Mental Health, Board of Control of State Institutions - Des Moines; 1/1/66-12/31/70 (Initial); \$107,633. (DCD)
- 461. Studies of Mongolism and Related Conditions; Hans Zellweger, State University of Iowa, Iowa City; 4/66-12/66 (Renewal); \$26,624. (NICHD)
- 462. Study of Mental Retardation and Neurological Diseases of Children; John C. MacQueen, State University of Iowa, Iowa City, Iowa; 10/65-9/66 (Renewal); \$145,186. (NINDB)
- 463. Altering Bilirubin Metabolism and Kernicterus by Drugs; James L. Spratt, State University of Iowa; Iowa City, Iowa; 9/65-8/66 (Renewal); \$21,782 (NINDB)
- 464. A Diagnostic-Evaluative Brief Care Program; William C. Wildberger, Woodward State Hospital and School, Woodward; 7/65 (Renewal); \$91,482. (NIMH)
- 465. A Summer School Outdoor Educational Program for Culturally Disadvantaged Educable Mentally Retarded Children; Dr. Louis F. Brown, University Hospital School, Pine School Section, University of Iowa; 6/31/66-9/30/66 (Initial); \$4,155. (OE)

Training

- 466. Summer Work Program in Mental Retardation; Center for Mentally Retarded Children; Des Moines; 5/1/66-12/31/66 (Initial); \$850. (DCD)
- 467. Student Summer Work Program; Glenwood State Hospital; Glenwood; 6/1/66-12/31/66 (Initial); \$14,155. (DCD)
- 468. Iowa Career Motivation Program - Mental Retardation; Iowa Association for Retarded Children, Des Moines; 6/1/66-5/31/67 (Initial); \$64,140. (DCD)
- 469. Planning Personnel Training Program for the Mentally Retarded; State University of Iowa University Hospital School, Iowa City, Iowa; 11/1/65-10/31/66 (Renewal); \$16,200. (DCD)
- 470. Pediatric and Psychology; Gerald Solomons, University of Iowa; Iowa City; 7/66-6/71 (Initial); \$52,666. (NICHD)
- 471. Inservice Training, Mental Retardation; Glenwood State School, Glenwood; 7/65-(Initial); \$25,000. (NIMH)
- 472. Inservice Training, Mental Retardation; Woodward State Hospital and School, Woodward; 7/65 (Renewal); \$25,000. (NIMH)
- 473. Preparation of Professional Personnel in the Education of Handicapped Children; Drake University, Des Moines; 6/1/66-6/30/67 (Initial); \$32,400. (OE)
- 474. Preparation of Professional Personnel in the Education of Handicapped Children; State College of Iowa, Cedar Falls; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
- 475. Preparation of Professional Personnel in the Education of Handicapped Children; State University of Iowa, Iowa City; 6/1/66-6/30/67 (Initial); \$51,600. (OE)

Iowa (cont'd)

- 476. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$17,830. (OE)
- 477. Clinical Training in Speech Pathology; University of Iowa, Iowa City; FY 1966 (Renewal); \$21,430. (CB)
- 478. Continuing Education Program for Nurses in Mental Retardation; University of Iowa; Iowa City; FY 1966 (Renewal); \$42,255. (CB)
- 479. Training in Audiology; University of Iowa, Iowa City; FY 1966 (Renewal); \$61,068. (CB)

Construction

- 480. Black Hawk Development Center, Waterloo; 4/20/66 (Initial); \$296,904. (DHMF)

Other

- 481. Mental Retardation Planning and Implementation; Iowa Board of Control of State Institutions, Des Moines; 7/1/66-6/30/68 (Initial); \$20,452. (DCD)
- 482. Field Clinic Services for Mentally Retarded Patients; University of Iowa, Iowa City; FY 1966 (Renewal); \$64,243. (CB)
- 483. Clinical Research in Speech and Language Skills of Retarded Children; University of Iowa, Iowa City; FY 1966 (Renewal); \$38,515. (CB)
- 484. Clinical Research in Mental Retardation; University of Iowa, Iowa City; FY 1966 (Renewal); \$82,945. (CB)
- 485. Clinical Research, Care and Follow-up of Phenylketonuria; University of Iowa, Iowa City; FY 1966 (Renewal); \$14,265. (CB)
- 486. Follow-up Care for Prematures and Other High-Risk Patients; University of Iowa, Iowa City; FY 1966 (Renewal); \$36,380. (CB)

KANSAS

Research and Demonstration

- 487. A Demonstration Program for Intensive Training of Institutionalized Mentally Retarded Girls; Bureau of Child Research, University of Kansas, Lawrence; 7/1/65-6/30/70 (Renewal); \$76,800. (DCD)
- 488. The Control of Vascular Resistance in the Fetal Lung; Lauer, Ronald M., University of Kansas, Kansas City; 4/66-3/68 (Renewal); \$9,366. (NICHD)
- 489. Respiratory Distress Syndrome of Newborn Infants; Miller, Herbert C., University of Kansas, Kansas City; 9/65-11/66 (Renewal); \$12,112 (NICHD)
- 490. Communication Disorders of the Mentally Retarded; R.L. Schiefelbusch, University of Kansas; 10/65-9/70 (Renewal); \$365,699. (NICHD)
- 491. Community Transitional Adjustment Program for Mental Retardation; Howard V. Blair, Parsons State Hospital and Training Center, Parsons; 7/65 (Renewal); \$87,942. (NIMH)

Kansas (cont'd)

- 492. Speech Pathology Audiology Improvement Program; B.L. Gardner, Winfield State Hospital and Training Center, Winfield; 7/65 (Renewal); \$41,712. (NIMH)
- 493. Intensive Training Unit, M/R Multi-Handicapped WSH and TC; B.F. Gardner, Winfield State Hospital and Training Center, Winfield; 9/65 (Initial); \$56,225 (NIMH)
- 494. Improved Physical Therapy Service Program; William E. Sigurdson, Kansas Neurological Institute, Topeka; 6/66 (Initial); \$45,617. (NIMH)
- 495. Therapy for Retardates with Communication Disorders; Richard L. Schiefelbusch, University of Kansas, Lawrence; 9/65 (Renewal); \$43,961. (NIMH)
- 496. A Study of Early Diagnosis and Clinical Education of Children with Learning Disabilities; Dr. Norris G. Haring, Children's Rehabilitation Unit, University of Kansas Medical Center; Kansas City; 6/1/64-8/31/67 (Renewal); \$16,508. (OE)
- 497. A Demonstration of the Use of the Teacher Initiated Step-by-Step Teaching Sequences in Classrooms for Mildly Educable Mentally Retarded; Dr. Marguerite Thorsell, Kansas State Department of Public Instruction, Topeka; 6/1/66-5/31/67 (Initial); \$44,731. (OE)
- 498. Student Work Program in Mental Retardation; Parsons State Hospital and Training Center, Parsons; 6/1/66-12/31/66 (Initial); \$20,615. (DCD)
- 499. A Learning Disabilities Center Planning Study; Unified School District No. 305, Salina; 1 Year (Initial); \$27,354 (Major Portion) (OE)
- 500. A Supplemental Education Center Planning Project: Special Educational Services for Pupils in the Greater Wichita Area; Unified School District No. 259, Wichita; 1 Year (Initial); \$9,303 (Substantial Part) (OE)
- 501. Vocational Training of Mentally Retarded Youth in Public High Schools; University of Kansas Medical Center, Kansas City; 9/1/65-8/31/66 (Renewal); \$39,788. (VRA)

Training

- 502. Summer Orientation Program in Mental Retardation; Kansas Neurological Institute, Topeka; 6/1/66-12/31/66 (Initial); \$6,060. (DCD)
- 503. Mental Retardation; R.L. Schiefelbusch, University of Kansas, Lawrence; 7/66-6/71 (Initial); \$105,846. (NICHD)
- 504. Academic Pediatrics; Herbert C. Miller, University of Kansas, Kansas City; 7/66-6/67 (Renewal); \$14,244 (NICHD)
- 505. Inservice Training, Mental Retardation; Kansas Neurological Institute, Topeka; 7/65 (Initial); \$23,261. (NIMH)
- 506. Inservice Training, Mental Retardation; Parsons State Hospital and Training Center, Parsons; 7/65 (Renewal); \$22,261. (NIMH)
- 507. Inservice Training, Mental Retardation; Winfield State Hospital and Training Center, Winfield; 7/65 (Initial); \$17,450. (NIMH)
- 508. Preparation of Professional Personnel in the Education of Handicapped Children; Fort Hays Kansas State College, Hays; 6/1/66-6/30/67 (Initial); \$14,000. (OE)

Kansas (cont'd)

- 509. Preparation of Professional Personnel in the Education of Handicapped Children; Kansas State College, Pittsburgh; 6/1/66-6/30/67 (Initial); \$11,200. (OE)
- 510. Preparation of Professional Personnel in the Education of Handicapped Children; Kansas State Teachers College, Emporia; 6/1/66-6/30/67 (Initial); \$46,000. (OE)
- 511. Preparation of Professional Personnel in the Education of Handicapped Children; University of Kansas, Lawrence; 6/1/66-6/30/67 (Initial); \$57,200. (OE)
- 512. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$11,577. (OE)
- 513. Children's Rehabilitation Unit; Kansas University, Kansas City; FY 1966 (Renewal); \$198,682 (CB)
- 514. Development of Teaching Materials in Mental Retardation; Parsons State Hospital and Training Center, Parsons; 5/1/66-4/30/67 (Renewal); \$49,065. (VRA)

Construction

- 515. Lakemary Center (Paola Center for Retarded Children), Paola; 6/27/66 (Initial); \$424,000. (DHMF)
- 516. Children's Rehabilitation Unit, Kansas City, Kansas; University of Kansas, Kansas City; 1/20/66 (Initial); \$1,271,660. (DRFR)
- 517. Center for Research in Child Development, Lawrence, Kansas; Lawrence; 1/20/66 (Initial); \$486,340. (DRFR)
- 518. Parsons State Hospital Research Center; University of Kansas, Lawrence and State Department of Social Welfare, Topeka; (Facility at Parsons State Hospital); 1/20/66 (Initial); \$346,200. (DRFR)

Other

- 519. Mental Retardation Planning and Implementation; Kansas State Board of Social Welfare, Topeka; 1/1/66-6/30/68 (Initial); \$28,000. (DCD)
- 520. Consultative Services; Special Education; State Education Agency, Topeka; 6/8/66 (Initial); \$2,630. (OE)
- 521. Workshop Improvement Grant; Parsons State Hospital and Training Center, Parsons; 6/17/66-6/16/67 (Initial); \$29,020. (VRA)
- 522. Workshop Improvement Grant; Topeka Association for Retarded Children, Inc., Topeka; 6/17/66-6/16/67 (Initial); \$5,000. (VRA)

KENTUCKY

Research and Demonstration

- 523. Development of Individual Potential of Trainable Retarded through Physical Education; Blue Grass Association for Retarded Children, Lexington; 7/1/66-6/30/69 (Initial); \$49,712. (DCD)

Kentucky (cont'd)

- 524. Studies in Neonatal Immunity; Lipton, Murray M., University of Louisville, Louisville; 1/66-12/66 (Renewal); \$17,928. (NICHD)
- 525. Center for Human Behavior Genetics; Vandenberg, Steven G., University of Louisville, Louisville; 9/65-8/68 (Renewal); \$85,843. (NICHD)
- 526. Development of High Voltage Electrophoresis Uses; C. Chariton Mabry, University of Kentucky, Lexington; 2/66-1/70 (Renewal); \$15,477 (NICHD)
- 527. Group Work Rehabilitation with the Retarded; John J. Wernert, Frankfort State Hospital and School, Frankfort; 7/65 (Renewal); \$39,402 (NIMH)
- 528. Self-Care Program for Adult Retardates; Billie R. Downing, Outwood State Hospital and School, Dawson Springs; 7/65 (Renewal); \$42,431. (NIMH)
- 529. Program Planning in Home Economics for Educables; Billie R. Downing, Outwood State Hospital and School, Dawson Springs; 7/65 (Renewal); \$20,617. (NIMH)
- 530. Therapeutic Program with the Severely Retarded; John J. Wernert, Frankfort State Hospital, Frankfort; 7/65 (Renewal); \$52,501. (NIMH)
- 531. Buckhorn Day Care Project; Kentucky Department of Child Welfare, Frankfort; 7/1/66-6/30/67 (Renewal); \$39,955. (CB)
- 532. Specialized Foster Home Care for Deprived Mentally Retarded Children; Kentucky Department of Child Welfare, Frankfort; 2/1/66-1/31/67 (Renewal); \$58,498. (CB)
- 533. Cooperative Efforts of Schools and Rehabilitation Services for the Mentally Retarded; Bourbon County Schools, Paris; 11/1/65-10/30/66 (Renewal); \$16,389. (VRA)
- 534. Coordinated Program of Vocational Rehabilitation and Special Education for the Mentally Retarded (Harlan County); Bureau of Rehabilitation Services, Frankfort; 7/1/65-6/30/66 (Renewal); \$30,978. (VRA)
- 535. Coordinated Program of Vocational Rehabilitation for the Mentally Retarded (Rickcastle County); Bureau of Rehabilitation Services, Frankfort; 7/1/65-6/30/66 (Renewal); \$34,708. (VRA)
- 536. Coordinated Program of Vocational Rehabilitation and Special Education for the Mentally Retarded (Floyd County); Bureau of Rehabilitation Services, Frankfort; 7/1/65-6/30/66 (Renewal); \$35,224. (VRA)
- 537. Jefferson County Occupational Training Center; Council for Retarded Children of Jefferson County, Louisville; 7/1/65-6/30/66 (Renewal); \$31,781. (VRA)
- 538. Occupational Training Center for the Mentally Retarded; Goodwill Industries, Covington; 1/1/66-12/31/66 (Renewal); \$33,055 (VRA)

Training

- 539. Inservice Training, Mental Retardation; Frankfort State Hospital and School, Frankfort; 7/65 (Renewal); \$21,237. (NIMH)
- 540. Inservice Training, Mental Retardation; Outwood State Hospital, Dawson Springs; 7/65 (Renewal); \$21,785. (NIMH)

Kentucky (cont'd)

- 541. Preparation of Professional Personnel in the Education of Handicapped Children; Dresula College, Owensboro; 6/1/66-6/30/67 (Initial); \$18,000 (OE)
- 542. Preparation of Professional Personnel in the Education of Handicapped Children; University of Kentucky, Lexington; 6/1/66-6/30/67 (Initial); \$58,800. (OE)
- 543. Preparation of Professional Personnel in the Education of Handicapped Children; University of Louisville, Louisville; 6/1/66-6/30/67 (Initial); \$33,600 (OE)
- 544. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$44,800. (OE)
- 545. Field Instruction of Social Work Students; University of Louisville, Louisville; 6/1/66-5/31/67 (Renewal); \$28,133. (VRA)
- 546. Curriculum Content on Mental Retardation in Social Work Education; University of Louisville, Louisville; 3/15/66-12/31/66 (Initial); \$20,909. (VRA)

Other

- 547. Consultative Services; Special Education; State Education Agency, Lexington; 5/6/66 (Initial); \$1,833. (OE)
- 548. Child Multiple Handicapped Center; State Department of Health, Frankfort; FY 1966 (Initial); \$150,000. (CB)
- 549. Maternity and Infant Care; State Department of Health, Frankfort; 6/1/65-6/30/66 (Initial); \$393,348. (CB)

LOUISIANA

Research and Demonstration

- 550. Normal and Abnormal Cerebral Electrical Maturation; Ferriss, Gregory S., Louisiana State University, New Orleans; 5/66-4/67 (Renewal); \$49,160. (NICHD)
- 551. Human Chromosomal Anomalies, Sternberg, William H., Tulane University, New Orleans; 6/66-5/67 (Renewal); \$36,038. (NICHD)
- 552. Carbohydrates in Anesthesia, Hypothermia and Asphyxia; Miller, James Albert, Jr., Tulane University, New Orleans; 6/66-5/67 (Renewal); \$28,125 (NICHD)
- 553. Asphyxial Resistance in the Newborn and Premature; 12/65-7/66 (Renewal); \$14,068. (NICHD)
- 554. Hyperprolinemia: Clinical and Biochemical Family Study; 5/66-4/67 (Initial); \$7,346 (NICHD)
- 555. Normal and Abnormal Cerebral Electrical Maturation; Gregory S. Ferriss, L.S.U. Medical Center, New Orleans; 5/65-4/66 (Renewal); \$40,977. (NINDB)
- 556. Reward Training and Behavior Shaping; Coates Stuckey, Pinecrest State School, Pineville; 7/65 (Renewal); \$58,003. (NIMH)

Louisiana (cont'd)

Training

- 557. Stimulating Student Experiences Toward Mental Retardation Service Careers; Pinecrest State School, Pineville; 5/1/66-12/31/66 (Initial); \$18,540. (DCD)
- 558. Inservice Training, Mental Retardation; Pinecrest State School, Pineville; 7/65 (Renewal); \$25,000. (NIMH)
- 559. Inservice Training, Mental Retardation; Ruston State School, Ruston, 7/65 (Renewal); \$19,608. (NIMH)
- 560. Preparation of Professional Personnel in the Education of Handicapped Children; Grambling College, Grambling; 6/1/66-6/30/67 (Initial); \$21,600. (OE)
- 561. Preparation of Professional Personnel in the Education of Handicapped Children; Louisiana State University, New Orleans; 6/1/66-6/30/67 (Initial); \$28,000. (OE)
- 562. Preparation of Professional Personnel in the Education of Handicapped Children; Louisiana State University A. & M. College, Baton Rouge; 6/1/66-6/30/67 (Initial); \$22,400 (OE)
- 563. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$44,000. (OE)
- 564. Field Instruction of Social Work Students; Tulane University, New Orleans; 6/1/66-8/31/66 (Initial); \$4,401. (VRA)

Construction

- 565. Project Development Grants; Committee to Plan Rehabilitation Facilities, Inc., Shreveport; 6/25/66-6/24/67 (Initial); \$5,850. (VRA)
- 566. Ruston State School, Ruston; 5/24/66 (Initial); \$252,000. (DHMF)
- 567. Ruston State School, Ruston; 6/6/66 (Initial); \$108,000 (DHMF)

Other

- 568. Mental Retardation Planning and Implementation; Louisiana Department of Hospitals, Baton Rouge; 1/1/66-6/30/68 (Initial); \$26,335. (DCD)
- 569. Consultative Services; Special Education; State Education Agency, Baton Rouge; 5/27/66 (Initial); \$13,548. (OE)

MAINE

Research and Demonstration

- 570. Studies of Neonatal Blood Disorders; Bernstein, Seldon E., Jackson Laboratory, Bar Harbor; 12/65-11/70 (Renewal); \$23,198. (NICHD)
- 571. Speech and Hearing Center; Peter W. Bowman, Pownal; 7/65 (Renewal); \$20,595. (NIMH)

Maine (cont'd)

- 572. Occupational Training Center; Committee for Intellectually Handicapped, Auburn; 4/1/66-3/31/67 (Renewal); \$22,873. (VRA)
- 573. A Work-Experience Program for Retarded Students in Their Last Year of School; Greater Portland Association for Retarded Children, South Portland; 12/1/65-11/30/66 (Renewal); \$28,292. (VRA)
- 574. Factors Contributing to Successful and Non-Successful Community Adjustment of Discharged Retardates; Pineland Hospital & Training Center, Pownall; 7/1/65-6/30/66 (Renewal); \$18,695. (VRA)

Training

- 575. Inservice Training, Mental Retardation; Pineland Hospital and Training Center, Pownall; 7/65 (Renewal); \$10,361. (NIMH)
- 576. Preparation of Professional Personnel in the Education of Handicapped Children; Farmington State Teachers College, Farmington; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 577. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$16,800. (OE)

Construction

- 578. Opportunity Training Center for Retarded Children, Presque Isle; 6/24/66 (Initial); \$101,500. (DHMF)

Other

- 579. Mental Retardation Planning and Implementation; Maine Committee on Problems of the Mentally Retarded, Augusta; 1/1/66-12/31/66 (Initial); \$35,000. (DCD)
- 580. Diagnostic and Evaluation Clinic for Mentally Retarded Children; Department of Health and Welfare, Augusta; FY 1966 (Renewal); \$34,000. (CB)

MARYLAND

Research and Demonstration

- 581. The Development, Chemical Analysis and Clinical Use of New Menu Items for the Phenylketonuric Diet; Maryland State Department of Health, Baltimore, and College of Home Economics, University of Maryland, College Park; 7/1/63-6/30/66 (Renewal); \$7,528. (DCD)
- 582. Medicopedagogic Liaison in the Diagnosis and Treatment of Dyslexia; Johns Hopkins University School of Medicine, Baltimore; 1/1/66-12/31/70 (Initial); \$38,076. (DCD)
- 583. Respiratory Studies in the Newborn Period; Avery, Mary Ellen; Johns Hopkins Hospital, Baltimore; 9/65-8/68 (Renewal); \$36,120. (NICHD)

Maryland (cont'd)

- 584. Longitudinal and Related Psychohormonal Studies; Money, John; Johns Hopkins University, Baltimore; 6/66-5/70 (Renewal); \$30,013. (NICHD)
- 585. Studies in Human Genetics; Childs, Barton; Johns Hopkins University, Baltimore; 10/65-9/68 (Renewal); \$36,521 (NICHD)
- 586. Children's Word Associations; Entwisle, Doris R.; Johns Hopkins University, Baltimore; 9/65-8/66 (Renewal); \$12,480. (NICHD)
- 587. Fetal Distress and Associated Placental Changes; Gruenwald, Peter; Sinai Hospital of Baltimore, Baltimore; 9/65-8/68 (Renewal); \$41,830. (NICHD)
- 588. Biologic Effects of ABO Heterospecific Pregnancy; Kaplan, Eugene; Sinai Hospital of Baltimore; 4/66-3/70 (Renewal); \$43,700. (NICHD)
- 589. Value of Continuous Fetal Heart Monitoring in Labor; Seitchik, Joseph N.; Sinai Hospital of Baltimore, Baltimore; 2/66-1/69 (Initial); \$73,218.
- 590. Brain Metabolism and Systemic Diseases; Samuel P. Bessman, University of Maryland; Baltimore; 7/65-8/66 (Renewal); \$50,872. (NINDB)
- 591. Metabolism of γ -Hydroxybutyric Acid in Animals and Man; Samuel P. Bessman, Friends of Psychiatric Research, Inc., Baltimore; 9/65-8/66 (Renewal); \$29,453. (NINDB)
- 592. Collaborative Project on Cerebral Palsy; Robert E. Cooke, Johns Hopkins University, Baltimore; 10/65-9/66 (Renewal); \$412,339. (NINDB)
- 593. Enzymatic Formation of Bile Pigments; Ephriam Y. Levin; Johns Hopkins University, School of Medicine, Baltimore; 6/65-5/66 (Renewal); \$13,911. (NINDB)
- 594. Metabolic Diseases of the Brain; John H. Menkes, Johns Hopkins University School of Medicine, Baltimore; 4/66-3/67 (Renewal); \$32,911. (NINDB)
- 595. Energy Supply Disorders Affecting the Fetal-Infantile CNS; Angel Pentschew; Maryland Medical-Legal Foundation, Baltimore; 9/65-8/66 (Renewal); \$44,268. (NINDB)
- 596. Cortical Dendrites of Maze-bright and Maze-dull rats; Paul D. Coleman, University of Maryland School of Medicine, Baltimore; 9/65-8/66 (Renewal); \$14,378 (NINDB)
- 597. Intensive Habilitation of Severely Retarded Children; T. Glyne Williams, Rosewood State Hospital, Owings Mill; 7/65 (Renewal); \$68,517 (NIMH)
- 598. Gateway to Better Living; Edgars M. Maculans, Henryton State Hospital, Henryton; 1/66 (Initial); \$87,999 (NIMH)
- 599. In-Service Program for Teachers of Educable Mentally Retarded Children; Dr. Jean R. Hebeler, College of Education, University of Maryland, College Park; 6/1/64-5/31/66 (Renewal); \$1,027. (OE)
- 600. Plan to Promote and Study the Effective Utilization of Non-Professional Personnel in Children's Bureau Retardation Centers; Johns Hopkins University, Baltimore; 7/1/66-6/30/67 (Renewal); \$34,762. (OE)
- 601. Psychological Assessment of the Preschool Child; Johns Hopkins University School of Medicine, Baltimore; 12/1/65-11/30/66 (Initial); \$18,350. (OE)

Maryland (cont'd)

- 602. Epidemiology of Mental Retardation in a Rural County; Johns Hopkins University, Baltimore; 12/1/65-11/30/66 (Renewal); \$82,823. (CB)
- 603. Long Term Study of Prematures; Johns Hopkins University, Baltimore; 11/1/65-10/31/66 (Renewal); \$9,973. (CB)
- 604. Homocystinuria in Cases of Ectopia Lentis and/or Presumed Marfan Syndrome; Johns Hopkins University, Baltimore; 7/1/66-6/30/67 (Renewal); \$17,789. (CB)

Training

- 605. Summer Work Experience for College and Graduate Students in the Social Service Department of a State Hospital for the Retarded; Rosewood State Hospital, Owings Mills; 6/1/66-12/31/66 (Initial); \$5,550. (DCD)
- 606. Genetics of Mental Defect in Amish; Robert J. Clayton, Johns Hopkins Hospital, Baltimore; 8/65-9/65 (Renewal); \$854. (NICHD)
- 607. Metabolic Regulatory Mechanisms; Harold M. Nitowsky, Sinai Hospital of Baltimore, Baltimore; 1/66-12/66 (Initial); \$22,945. (NICHD)
- 608. Human Genetics; Barton Childs, Johns Hopkins University, Baltimore; 7/66-6/67 (Renewal); \$20,053. (NICHD)
- 609. Biological Maturation; Gerard B. Odell, Johns Hopkins University, Baltimore; 7/66-6/67 (Renewal); \$85,789. (NICHD)
- 610. Studies in Human Genetics; Barton Childs, Johns Hopkins University, Baltimore; 7/66-6/67 (Renewal); \$27,475. (NICHD)
- 611. Lung Biochemistry as Related to Function; George W. Brumley, Johns Hopkins University, Baltimore; 2/66-2/67 (Initial); \$10,670. (NICHD)
- 612. Inservice Training, Mental Retardation; D.C. Children's Center, Laurel; 7/65 (Initial); \$24,993. (NIMH)
- 613. Inservice Training, Mental Retardation; Rosewood State Hospital, Owings Mills; 7/65 (Initial); \$25,000. (NIMH)
- 614. Preparation of Professional Personnel in the Education of Handicapped Children; Coppin State College; Baltimore; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 615. Preparation of Professional Personnel in the Education of Handicapped Children; University of Maryland, College Park; 6/1/66-6/30/67 (Initial); \$64,800. (OE)
- 616. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$44,800. (OE)
- 617. Workshop in Field Instruction Courses in Mental Retardation Settings Serving Children; University of Maryland School of Social Work, Baltimore; 4/1/66-12/31/66 (Initial); \$7,968. (CB)
- 618. University of Maryland Epilepsy Program; Department of Health, Baltimore; FY 1966 (Renewal); \$44,229. (CB)
- 619. Nurse-Midwifery Program; Johns Hopkins University, Baltimore; FY 1966 (Renewal); \$56,081. (CB)
- 620. Training in Audiology and Speech Pathology; Johns Hopkins University, Baltimore; FY 1966 (Renewal); \$69,411. (CB)
- 621. Training Pediatricians in the Handicapping Conditions of Childhood and Adolescence; Johns Hopkins University, Baltimore; FY 1966 (Renewal); \$98,195. (CB)

Maryland (cont'd)

Construction

622. Metropolitan Washington Center for Mentally Retarded, Beltsville; 5/16/66 (Initial); \$137,888. (DHMF)

Other

623. Mental Retardation Planning and Implementation; Maryland Board of Health and Mental Hygiene, Baltimore; 6/1/66-12/31/66 (Initial); \$36,800. (DCD)
624. Mt. Sinai Hospital, Genetics Counseling Clinic; Department of Health, Baltimore; 1/1/66-6/30/66 (Initial); \$23,675. (CB)
625. Maternity and Infant Care; Baltimore City Health Department; FY 1966 (Renewal); \$1,417,140. (CB)
626. Extension of Services to the Mentally Ill and the Mentally Retarded; Maryland Division of Vocational Rehabilitation; 7/1/65 (Renewal); \$15,279. (VRA)

MASSACHUSETTS

Research and Demonstration

627. Pregnancy Wastage -- Infectious and Diabetes Mellitus; Driscoll, Shirley G., Boston Lying-in Hospital, Boston; 9/65-8/66 (Renewal); \$1,337. (NICHD)
628. Neurological Development - Infants of Diabetic Mothers; Hubbell, John P., Jr., Boston Lying-In Hospital, Boston; 6/66-5/72 (Renewal); \$33,667 (NICHD)
629. Studies in Experimental Erythroblastosis Fetalis; Jackson, Benjamin T., Boston University, Boston; 1/66-12/67 (Renewal); \$20,782. (NICHD)
630. Studies of Child Development - Normal and Retarded; Bogoch, Samuel, Foundation for Research on Nervous System, Boston; 4/66-3/67 (Renewal); \$50,288. (NICHD)
631. Sensorimotor Development in Human Infants; White, Burton L., Harvard University, Cambridge; 9/65-3/67 (Initial); \$37,800. (NICHD)
632. Cerebrospinal Fluid Enzymes in Hydrocephalus; Bertram Silverstone, New England Center Hospital, Boston; 4/66-3/67 (Renewal); \$16,560. (NICHD)
633. Environmental Lead Intoxication in Children; Harriet L. Hardy, Massachusetts Institute of Technology, Cambridge; 4/66-3/70 (Renewal); \$9,349 (NICHD)
634. Salivary Gland Physiology in Mongolism; Richard A. Winer, Tufts University, Boston; 2/66-1/69 (Initial); \$21,094 (NICHD)
635. Metabolic Errors Associated with Mental Deficiency; Emily M. Bixby, Wrentham State School, Wrentham; 9/65-8/67 (Renewal); \$17,319 (NICHD)
636. Adaptive Behavior and EEG in Mental Retards; Karoly J. Kun, Wrentham State School, Wrentham; 7/65-6/68 (Initial); \$27,544 (NICHD)

Massachusetts (cont'd)

- 637. Human Chromosomal Abnormalities in Mental Deficiency; Leonard Atkins, Massachusetts General Hospital, Boston; 9/65-12/66 (Renewal); \$40,002. (NINDB)
- 638. Perinatal Factors in the Origin of the Cerebral Palsies and Mental Retardation; Steward H. Clifford, Boston Lying-in Hospital, Boston; 10/65-9/66 (Renewal); \$671,334. (NINDB)
- 639. Study of Hyperbilirubinemia in the Newborn; Louis K. Diamond, Children's Hospital Medical Center, Boston; 7/65-6/66 (Renewal); \$28,179. (NINDB)
- 640. Quantitative Histochemical Studies upon Cerebral Cortex; Alfred Pope, McLean Hospital, Belmont; 9/65-8/66 (Renewal); \$24,337. (NINDB)
- 641. Proline and Hydroxyproline in Cerebral Disease; Mary L.S. Efron, Massachusetts General Hospital, Boston; 1/66-12/66 (Renewal); \$27,948. (NINDB)
- 642. Perinatal Factors in the Origin of Cerebral Palsies; Charles A. Janeway, The Children's Hospital Medical Center, Boston; 2/66-1/67 (Renewal); \$331,765. (NINDB)
- 643. Study of Copper Proteins in Normal and Diseased Brain; Huntington Porter, New England Center Hospital, Boston; 9/65-8/66 (Renewal); \$19,405. (NINDB)
- 644. Study of Subdural Effusions in Infants and Experimental Animals; Edward F. Rabe; Tufts University School of Medicine; Boston; 4/65-3/66 (Renewal); \$8,260. (NINDB)
- 645. Behavioral Classification of Neurological Patients; Murray Sidman, Massachusetts General Hospital, Boston; 5/65-4/66 (Renewal); \$78,074. (NINDB)
- 646. Pathogenesis of Inherited Developmental Brain Disease; Richard L. Sidman, Harvard Medical School, Boston; 6/65-5/66 (Renewal); \$35,368 (NINDB)
- 647. Studies of Hypertonicity in Animals and Man; Philip R. Dodge, Massachusetts General Hospital, Boston; 9/64-8/66 (Renewal); \$15,004 (NINDB)
- 648. Ip and Associated Mutations; Kathryn F. Stein, Mt. Holyoke College, South Hadley; 10/65-9/66 (Renewal); \$12,360. (NINDB)
- 649. A Child Experience Enrichment Program; John L. Smalldon, Paul A. Dever State School, Taunton; 9/65 (Initial); \$99,777. (NIMH)
- 650. Training Severely Retarded Adults from the Back Wards; Malcolm J. Farrell, Walter E. Fernald State School, Waverly; 9/65 (Initial); \$72,870. (NIMH)
- 651. An Improved Program for Habilitation of the Retarded; Lawrence P. Bowser, Belchertown State School, Belchertown; 1/66 (Initial); \$98,395 (NIMH)
- 652. Training the "Untrainable" at Wrentham State School; Edward Meshorer, Wrentham State School, Wrentham; 9/65 (Initial); \$80,203. (NIMH)
- 653. A Behavior Evaluation Program for Retarded Children; Beatrice H. Barrett, Walter E. Fernald State School, Waverly; 9/65 (Renewal); \$30,202. (NIMH)
- 654. Learning Potential Among the Educable Retarded; Milton Budoff, Cambridge Mental Health Association, Cambridge; 9/65 (Renewal); \$23,918. (NIMH)
- 655. An Educational Test of the Learning Potential Hypothesis with Adolescent Mentally Retarded Special Class Children; Dr. Milton Budoff, Cambridge Mental Health Association, Cambridge; 2/1/66-1/31/68 (Initial); \$54,350. (OE)
- 656. The Development and Evaluation of Three Types of Physical Education Programs for Educable Mentally Retarded Boys; Royal L. Goheen, Boston University, Boston; 2/1/66-10/31/66 (Initial); \$7,546. (OE)

Massachusetts (cont'd)

- 657. Detection of Metabolic and Other Inherited Diseases in Children; Children's Hospital Medical Center, Boston; 7/1/66-6/30/67 (Renewal); \$38,400. (CB)
- 658. Patterns of Pediatric Health Care Among Low Income Families; Harvard University, Boston; 7/1/66-6/30/67 (Renewal); \$118,293. (CB)
- 659. Task Training Methods for the Severely Mentally Retarded; Goodwill Industries, Springfield; 5/1/66-10/31/67 (Initial); \$75,000. (VRA)
- 660. A Coordinated Program of Vocational Rehabilitation and Special Education Services for Mentally Retarded Youth; West Springfield Public Schools, West Springfield; 7/1/65-6/30/66 (Initial); \$44,195. (VRA)
- 661. The Worcester Area Occupational Training Center for the Mentally Retarded; Worcester Area Association for Retarded Children, Worcester; 7/1/65-6/30/66 (Renewal); \$9,507 (VRA)

Training

- 662. Workshop for Nurses in Mental Retardation; Boston University School of Nursing, Chestnut Hill; 6/20/66-12/13/67 (Initial); \$19,368. (DCD)
- 663. Demonstration Project in Intensive Nursing Care for Mentally Retarded Children; Boston University School of Nursing, Chestnut Hill; 8/1/66-12/31/66 (Initial); \$3,272. (DCD)
- 664. Social Work Trainees in Mental Retardation; Social Work Careers Program, Inc.; Boston; 5/1/66-12/31/66 (Initial); \$20,525. (DCD)
- 665. Summer Work Experience at Wrentham State School; Wrentham State School; Wrentham; 6/6/66-12/31/66 (Initial); \$13,141. (DCD)
- 666. Aminoaciduria in the Mentally Retarded; Harvey L. Levy, Harvard Medical School, Boston; Not yet activated; (Initial); \$7,500. (NICHD)
- 667. Inservice Training, Mental Retardation; Belchertown State School, Belchertown; 7/65 (Initial); \$18,601. (NIMH)
- 668. Psychiatry--Child; Walter E. Fernald State School, Waverly; 7/65 (Renewal); \$49,634. (NIMH)
- 669. Inservice Training, Mental Retardation; Walter E. Fernald State School, Waverly; 7/65 (Renewal); \$24,439. (NIMH)
- 670. Inservice Training, Mental Retardation; Wrentham State School, Wrentham; 7/65 (Renewal); \$24,946. (NIMH)
- 671. Preparation of Professional Personnel in the Education of Handicapped Children; Boston College, Chestnut Hill; 6/1/66-6/30/67 (Initial); \$46,000. (OE)
- 672. Preparation of Professional Personnel in the Education of Handicapped Children; Boston University, Boston; 6/1/66-6/30/67 (Initial); \$74,000. (OE)
- 673. Preparation of Professional Personnel in the Education of Handicapped Children; State College at Fitchburg, Fitchburg; 6/1/66-6/30/67 (Initial); \$25,200 (OE)
- 674. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66 6/30/67 (Initial); \$35,200. (OE)
- 675. Training in Mental Retardation; Massachusetts General Hospital, Boston; 10/1/65-6/30/66 (Initial); \$85,003. (CB)

Massachusetts (cont'd)

- 676. Training in Epilepsy; Children's Hospital Medical Center, Boston; FY 1966 (Initial); \$61,793. (CB)
- 677. Field Instruction of Social Work Students; Boston-Simmons College, Boston; 9/1/65-8/31/66 (Renewal); \$37,633. (VRA)

Construction

- 678. Children's Hospital Medical Center; Boston; 7/1/65 (Initial); \$863,250. (DHMF)
- 679. New School for the Mentally Retarded, Hathorne State School, Danvers; 5/25/66 (Initial); \$206,828. (DHMF)
- 680. Child Development Research and Evaluation Center; Children's Hospital Medical Center, Boston; 1/20/66 (Initial); \$2,470,000. (DRFR)

Other

- 681. Mental Retardation Planning and Implementation; Massachusetts Department of Mental Health, Boston; 6/1/66-12/31/66 (Initial); \$74,228. (DCD)
- 682. Cambridge Children's Developmental Clinic; Department of Public Health, Boston; FY 1966 (Renewal); \$61,333. (CB)
- 683. Galactosemia - MSUD Screening Project; Department of Public Health, Boston; FY 1966 (Renewal); \$85,319. (CB)
- 684. Workshop Improvement Grant; Charles River Association for Retarded Children, Inc., Needham; 6/28/66-6/27/67 (Initial); \$8,753. (VRA)
- 685. Charles River Association for Retarded Children, Inc., Needham; 6.3 acres of land and buildings, Nike Site B-63, Needham - School for mentally retarded children and adults; \$321,281 AC; \$104,200 FV; 5/16/66 (SPU)
- 686. Department of Mental Health, Boston; .28 acres of land and 1 building, Army Reserve Center, Greenfield - Mental Health Clinic; \$22,750 AC; \$25,000 FV; 11/9/65 (SPU)

MICHIGAN

Research and Demonstration

- 687. Transplacental Passage of Fetal Erythrocytes; Cohen, Flossie, Child Research Center of Michigan, Detroit; 4/66-3/70 (Renewal); \$46,495. (NICHD)
- 688. Congenital Hypothyroidism and Mental Retardation; William H. Beierwaltes, University of Michigan, Ann Arbor; 4/66-3/67 (Renewal); \$61,080 (NICHD)
- 689. Effects of Radiation on Morphologic and Behavioral Development with Special Reference to Visual and Homeostatic functions; Samuel P. Hicks, University of Michigan Medical Center, Ann Arbor; 9/65-8/66 (Renewal); \$41,454. (NINDB)
- 690. Morphology and Cytochemistry of Developing Synapses; Edith A. Maynard, The University of Michigan, Ann Arbor; 9/65-8/66 (Renewal); \$18,544 (NINDB)

Michigan (cont'd)

- 691. Enzyme Histochemistry of Brain in Mental Disease; Jacob L. Chason, Wayne State University School of Medicine; Detroit, Mich., 9/65-8/66 (Renewal); \$10,040. (NINDB)
- 692. Patient Progress Through an Improved Nursing Program; Willard W. Dickerson, Caro State Hospital for Epileptics, Caro; 7/65 (Renewal); \$100,000. (NIMH)
- 693. Enriched Environment for Young Retarded Patients; Scott T. Harris, Plymouth State Home and Training School, Northville; 7/65 (Renewal); \$53,997. (NIMH)
- 694. Reconstructive Surgery and Coordinated Habilitation; Anthony M. Abruzzo, Lapeer State Home and Training School, Lapeer; 7/65 (Renewal); \$100,000. (NIMH)
- 695. Habit Training of the Severely Retarded; William L. Harrigan, Pleasant State Home and Training School, Mt. Pleasant; 7/65 (Renewal); \$100,000 (NIMH)
- 696. The Vocational Development of Mentally Retarded Adolescents; Dr. Lee S. Shulman, College of Education, Michigan State Univ., East Lansing; 6/1/65-12/31/66 (Renewal); \$3,676. (OE)
- 697. Intervention in the Cognitive Development of the Culturally Deprived and Functionally Retarded Negro Preschool Child; State Department of Public Instruction; 1/1/64-12/31/67 (Renewal); \$30,840. (OE)
- 698. Public Awareness About Mental Retardation; A Survey and Analysis; Dr. Henry L. Gotwald, Eastern Michigan University, Ypsilanti; 6/15/66-6/14/67 (Initial); \$43,137. (OE)
- 699. The Effect of Special Class Placement on the Self Concept of Ability of the Educable Mentally Retarded Child; Mr. Lee M. Joiner, Michigan State University, East Lansing; 9/1/65-8/31/66 (Initial); \$5,383. (OE)
- 700. Relationship Between the Training, Experience, and Selected Personality Characteristics of Teachers and the Progress of Trainable Mentally Handicapped Children; Allen L. Bernstein and June P. England, State Department of Public Instruction, Lansing; 7/1/64-12/31/68 (Renewal); \$19,680. (OE)
- 701. Neurological Findings and Specific Learning Deficits in Preschool Children; The University of Michigan, Ann Arbor; 12/31/65-11/30/66 (Initial); \$11,480. (CB)
- 702. University of Michigan Region V Research Program in Maternal and Child Health and Crippled Children's Services; University of Michigan, Ann Arbor; 7/1/66-6/30/67 (Renewal); \$159,200. (CB)

Training

- 703. Dental Training for Dental Pedodontic Students with the Mentally Retarded; Plymouth State Home and Training School, Northville; 7/1/64-6/30/67 (Renewal); \$14,140. (DCD)
- 704. Summer Student Experience Work Program; Plymouth State Home and Training School, Northville; 5/1/66-12/31/66 (Initial); \$20,210. (DCD)
- 705. Planning of University Affiliated Clinical Facilities for Mentally Retarded Patients; University of Michigan, Ann Arbor; 7/1/65-6/30/67 (Renewal); \$15,000. (DCD)

Michigan (cont'd)

- 706. Mental Retardation Training Program; M. Ray Denny, Michigan State University, East Lansing; 5/66-6/69 (Initial); \$44,784. (NICHD)
- 707. Inservice Training, Mental Retardation; Caro State Hospital for Epileptics, Caro; 7/65 (Renewal); \$21,984. (NIMH)
- 708. Inservice Training, Mental Retardation; Coldwater State Home and Training, Coldwater; 7/65 (Initial); \$23,211. (NIMH)
- 709. Inservice Training, Mental Retardation; Ft. Custer State Home, Augusta; 7/65 (Renewal); \$13,533. (NIMH)
- 710. Inservice Training, Mental Retardation; Gaylord State Home, Gaylord; 7/65 (Initial); \$14,530. (NIMH)
- 711. Inservice Training, Mental Retardation; Howell State Hospital, Howell; 7/65 (Initial); \$25,000. (NIMH)
- 712. Inservice Training, Mental Retardation; Lapeer State Home and Training School, Lapeer; 7/65 (Initial); \$24,257. (NIMH)
- 713. Inservice Training, Mental Retardation; Mt. Pleasant State Home and Training School, Mt. Pleasant; 7/65 (Renewal); \$23,891. (NIMH)
- 714. Inservice Training, Mental Retardation; Plymouth State Home and Training School, Northville; 7/65 (Initial); \$20,166. (NIMH)
- 715. Pilot--Psychiatric Nursing; Wayne State University, Detroit; 7/65 (Renewal); \$41,329. (NIMH)
- 716. Preparation of Professional Personnel in the Education of Handicapped Children; Central Michigan University, Mt. Pleasant; 6/1/66-6/30/67 (Initial); \$10,800. (OE)
- 717. Preparation of Professional Personnel in the Education of Handicapped Children; Eastern Michigan University, Ypsilanti; 6/1/66-6/30/67 (Initial); \$56,800. (OE)
- 718. Preparation of Professional Personnel in the Education of Handicapped Children; Michigan State University, East Lansing; 6/1/66-6/30/67 (Initial); \$46,000. (OE)
- 719. Preparation of Professional Personnel in the Education of Handicapped Children; Northern Michigan University, Marquette; 6/1/66-6/30/67 (Initial); \$21,600. (OE)
- 720. Preparation of Professional Personnel in the Education of Handicapped Children; University of Michigan, Ann Arbor; 6/1/66-6/30/67 (Initial); \$74,000. (OE)
- 721. Preparation of Professional Personnel in the Education of Handicapped Children; Wayne State University, Detroit; 6/1/66-6/30/67 (Initial); \$73,600. (OE)
- 722. Preparation of Professional Personnel in the Education of Handicapped Children; Western Michigan University, Kalamazoo; 6/1/66-6/30/67 (Initial); \$55,200. (OE)
- 723. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$41,750. (OE)
- 724. Mental Study Unit; Department of Health, Lansing; FY 1966. (Renewal); \$100,000. (CB)
- 725. Graduate Program for Physicians in the Field of Mental Retardation and Associated Conditions; University of Michigan, Ann Arbor; FY 1966 (Renewal); \$6,229. (CB)

Michigan (cont'd)

- 726. Field Instruction of Speech Pathology and Audiology Students; Michigan State University, East Lansing; 9/1/65-8/31/66 (Renewal); \$17,373. (VRA)
- 727. Field Instruction of Rehabilitation Counseling Students; Michigan State University, East Lansing; 9/1/65-8/31/66 (Renewal); \$69,519. (VRA)
- 728. Field Instruction of Social Work Students; University of Michigan, Ann Arbor; 9/1/65-8/31/66 (Renewal); \$67,722. (VRA)
- 729. Mental Health and Retardation for Civic Leaders, University of Michigan Medical Center, Ann Arbor; 9/1/65- 12/31/65 (Initial); \$15,000. (VRA)

Construction

- 730. Lansing Training and Evaluation Center; Lansing; 6/15/66 (Initial); \$361,429. (DHMF)

Other

- 731. Mental Retardation Planning and Implementation; Michigan Department of Mental Health, Lansing; 1/1/66-12/31/67 (Initial); \$86,800. (DCD)
- 732. Child Appraisal Center; Department of Health, Lansing; 5/1/66-6/30/66 (Initial); \$5,570. (WA)
- 733. Maternity and Infant Care, Detroit; Michigan Department of Public Health, Lansing; FY 1966 (Renewal); \$687,529. (WA)

MINNESOTA

Research and Demonstration

- 734. A Comprehensive Clinical and Laboratory Study of Mentally Retarded and Neurologically Handicapped Children; Ancker Hospital, St. Paul; 1/1/66-12/31/70 (Initial); \$117,828. (DCD)
- 735. Immunologic Reactivity & Etiology of Erythroblastosis; Polesky, Herbert F., Minneapolis Ware Memorial Blood Bank, Minneapolis; 5/66-4/67 (Renewal); \$8,849. (NICHD)
- 736. A Center for Research in Human Learning; Darley, John G., University of Minnesota, Minneapolis; 9/65-8/67 (Renewal); \$94,904. (NICHD)
- 737. Electron Microscopy of Developing Human Lung; Burke, Barbara A., University of Minnesota, Minneapolis; 1/66-12/67 (Renewal); \$20,596. (NICHD)
- 738. Behavioral Correlates of Phenylketonuria; V. Elving Anderson, University of Minnesota, Minneapolis; 1/66-12/66 (Renewal); \$25,029. (NICHD)
- 739. Dermatoglyphics in Mental Retardation; Milton Alter, University of Minnesota, Minneapolis; 7/65-6/68 (Initial); \$14,955. (NICHD)
- 740. Intestinal Transport of Amino Acids in PKU; Marina T. Yarbro, University of Minnesota, Minneapolis; 7/65-6/67 (Initial); \$13,691. (NICHD)

Minnesota (cont'd)

- 741. Amino Acid Flux in Developing Brain; Kenneth F. Swaiman, University of Minnesota, Minneapolis; 2/66-1/69 (Initial); \$28,694. (NICHD)
- 742. Collaborative Study of Cerebral Palsy; John A. Anderson, University of Minnesota; Minneapolis; 9/65-8/66 (Renewal); \$479,578. (NINDB)
- 743. Direct and Indirect Calorimetry in Newborns; John A. Anderson, University of Minnesota; Minneapolis; 9/65-8/66 (Renewal); \$27,283. (NINDB)
- 744. Glucose and Amino Acid Oxidation in Immature Brain; Kenneth P. Swaiman, University of Minnesota, Minneapolis; 12/65-11/66 (Renewal); \$14,448. (NINDB)
- 745. Longitudinal Study of EEG Patterns in Children; Fernando Torres, University of Minnesota, Minneapolis; 9/65-8/66 (Renewal); \$14,826. (NINDB)
- 746. Improvements in Independent Living; C.M. Henderson, Owatonna State School, Owatonna; 7/65 (Renewal); \$37,192. (NIMH)
- 747. Three Projects for Hospital Improvement; E.J. Engberg, Faribault State School and Hospital, Faribault; 7/65 (Renewal); \$5,970. (NIMH)
- 748. Psychiatric Treatment Program for Adolescents; Galen H. Adkins, Cambridge State School and Hospital, Cambridge; 7/65 (Renewal); \$78,722 (NIMH)
- 749. Intensive Habit - Training of Severely Retarded Adults; Harold W. Peterson, Brainerd State School and Hospital, Brainerd; 7/65 (Initial); \$100,000. (NIMH)
- 750. A Pilot Demonstration of the Application of Educational Television to the In-Service Training Needs of Teachers of the Mentally Retarded; Minnesota State Department of Education, St. Paul; 5/1/65-6/30/66; \$3,683. (OE)
- 751. A Proposal for a Center for Special Services for Children to Serve Mower County, Minnesota and Environs; Independent School District No. 492, Austin; 1 Year (Initial); \$24,100 Substantial Part (OE)
- 752. Occupational Training Center for the Mentally Retarded; Christ Child Extension School for Retarded Children, St. Paul; 12/1/65-11/30/66 (Renewal); \$25,000. (VRA)
- 753. A Study and Demonstration of Means of Realizing Vocational Rehabilitation Goals Through Special Occupational Training Services for High School Age Educable Retarded Youth; Minneapolis Public Schools, Minneapolis; 1/1/66-12/31/66 (Renewal); \$2,000. (VRA)
- 754. Inter-District School Rehabilitation Program for Less Able Retarded Adolescents; University of Minnesota, Minneapolis; 7/1/65-6/30/66 (Initial); \$139,632. (VRA)

Training

- 755. Child Development Technical Training Program; St. Mary's Junior College, Minneapolis; 2/1/66-6/30/71 (Initial); \$52,671. (DCD)
- 756. Human Learning, John G. Darley, University of Minnesota, Minneapolis; 7/66-6/68 (Renewal); \$109,708 (NICHD)
- 757. Inservice Training, Mental Retardation; Faribault State School and Clinic; Faribault; 7/65 (Initial); \$24,312. (NIMH)

Minnesota (cont'd)

- 758. Inservice Training, Mental Retardation; Owatonna State School, Owatonna; 7/65 (Renewal); \$25,000. (NIMH)
- 759. Preparation of Professional Personnel in the Education of Handicapped Children; Mankato State College, Mankato; 6/1/66-6/30/67 (Initial); \$25,600. (OE)
- 760. Preparation of Professional Personnel in the Education of Handicapped Children; Moorhead State College, Moorhead; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
- 761. Preparation of Professional Personnel in the Education of Handicapped Children; St. Cloud State College, St. Cloud; 6/1/66-6/30/67 (Initial); \$12,800. (OE)
- 762. Preparation of Professional Personnel in the Education of Handicapped Children; University of Minnesota; Minneapolis; 6/1/66-6/30/67 (Initial); \$96,000. (OE)
- 763. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$21,380. (OE)
- 764. Conference on PKU; University of Minnesota, Minneapolis; 11/1/65-6/30/66 (Initial); \$19,209 (GB)

Construction

- 765. Louise Whitbeck Fraser School, Richfield; 5/31/66 (Initial); \$141,572. (DHMF)
- 766. Hammer School, Inc., Wayzata; 5/31/66 (Initial); \$104,250. (DHMF)
- 767. Project Development Grants; Duluth Welfare Council, Duluth; 6/20/66-6/19/67 (Initial); \$12,868. (VRA)
- 768. Project Development Grants; Community Work & Development Center of the Iron Range, Inc., Virginia; 6/23/66-6/22/67 (Initial); \$3,600. (VRA)

Other

- 769. Mental Retardation Planning and Implementation; Minnesota Department of Public Welfare, St. Paul; 1/1/66-12/31/67 (Initial); \$37,777. (DCD)
- 770. Maternity and Infant Care; Minneapolis Health Department; FY 1966 (Renewal); \$125,457. (CB)
- 771. Maternity and Infant Care; St. Paul Bureau of Health; 6/1/66-6/30/67 (Initial); \$300,671. (CB)
- 772. Child Study Center, Owatonna; Department of Health, St. Paul; FY 1966 (Renewal); \$38,134. (CB)
- 773. Child Development Center, Fergus Falls, Department of Health, St. Paul; FY 1966 (Renewal); \$60,000. (CB)
- 774. Development of Visual Aids to be used in Vocational Preparation for Job Placement of Mental Retardates; Div. of Vocational Rehabilitation, Minnesota; 3/1/66 (Initial); \$14,400. (VRA)

Minnesota (cont'd)

- 775. Workshop Improvement Grant; Lake Region Sheltered Workshop, Inc., Fergus Falls; 6/25/66-6/24/67 (Initial); \$6,030 (VRA)
- 776. Workshop Improvement Grant; Opportunity Workshop, Inc., Minneapolis; 6/28/66-6/27/67 (Initial); \$18,458. (VRA)

MISSISSIPPI

Research and Demonstration

- 777. Neonatal Brain Damage and Behavioral Development; Donald P. Foshee, University of Mississippi Medical Center, Jackson; 9/64-8/65 (Renewal); \$16,864 (NINDB)
- 778. Ellisville State School Improvement Plan; Chalmers Lane, Ellisville State School, Ellisville; 7/65 (Renewal); \$54,885. (NIMH)

Training

- 779. Medical Student Management and Diagnostic Work Experience--Child Development Clinic; University of Mississippi; School of Medicine, Jackson; 6/1/66-5/31/71 (Initial); \$4,509. (DCD)
- 780. Summer Work Experience for Collegiate Nursing Students Child Development Clinic; University of Mississippi Medical School, Jackson; 6/1/66-12/31/66 (Initial); \$12,303. (DCD)
- 781. Training in Mental Retardation as an Aspect of Graduate Training in Psychology; University of Mississippi, University; 10/1/65-9/30/66 (Renewal); \$24,113. (DCD)
- 782. Preparation of Professional Personnel in the Education of Handicapped Children; Jackson State College, Jackson; 6/1/66-6/30/67 (Initial); \$28,800. (OE)
- 783. Preparation of Professional Personnel in the Education of Handicapped Children; Mississippi State University; 6/1/66-6/30/67 (Initial); \$13,300. (OE)
- 784. Preparation of Professional Personnel in the Education of Handicapped Children; University of Mississippi; University; 6/1/66-6/30/67 (Initial); \$10,800. (OE)
- 785. Preparation of Professional Personnel in the Education of Handicapped Children; University of Southern Mississippi, Hattiesburg; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 786. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$40,825. (OE)
- 787. Chromosome Analysis in Mental Retardation; University of Mississippi, Jackson; FY 1966 (Renewal); \$14,256. (CB)
- 788. Child Development Clinic; University of Mississippi, Jackson; 10/1/65-6/30/66 (Initial); \$69,854. (CB)

Mississippi (cont'd)

Other

- 789. Mental Retardation Planning and Implementation; Mississippi Board of Health, Jackson; 7/1/66-6/30/67 (Initial); \$35,000. (DCD)
- 790. Regional Child Development Clinic, Tupela; Board of Health, Jackson; FY 1966 (Renewal); \$60,918. (CB)
- 791. Maternal and Medical Care Program; Board of Health, Jackson; FY 1966. (Renewal); \$35,000. (CB)
- 792. Maternity and Infant Care; Hinds-Rankin County; Board of Health, Jackson; 4/1/66-6/30/67 (Initial); \$188,975. (CB)
- 793. A Study of the Effectiveness of the Cooperative Special Education, Vocational Rehabilitation Program in Training Mentally Retarded; Mississippi Vocational Rehabilitation Division; 7/1/66 (Renewal); \$1,380. (VRA)

MISSOURI

Research and Demonstration

- 794. Application of Community Organization Techniques in Providing Mental Retardation Services in Non-Metropolitan and Rural Areas; Missouri Association for Retarded Children, Inc., Jefferson City; 9/1/64-8/31/66 (Renewal); \$17,508. (DCD)
- 795. To Study the Complete Operation of Regional Diagnostic Clinics for the Mentally Retarded; Section on Mental Retardation Division of Mental Diseases, Jefferson City; 1/1/66-9/30/69 (Initial); \$27,750. (DCD)
- 796. A Diagnostic Laboratory for Mental Retardation; The Curators of the University of Missouri, Columbia; 9/1/65-8/31/70 (Renewal); \$31,800. (DCD)
- 797. Metabolic Studies of Children with Mongolism; Ernest E. McCoy, University of Missouri, Columbia; 5/66-4/68 (Renewal); \$38,558. (NICHD)
- 798. Effects of Anoxia on Brain Metabolism in the Newborn; Jean H. Thurston, Department of Pediatrics, Washington University Medical School, St. Louis, Missouri; 10/65-9/66 (Initial); \$30,997. (NINDB)
- 799. Integration of Educable Retardates in Normal Groups; Muriel W. Pumphrey, Jewish Community Centers Association, St. Louis, 6/66 (Renewal); \$68,193. (NIMH)
- 800. Work Experience Program for Mentally Retarded in Their Last Year of School; Jewish Vocational & Employment Service, St. Louis; 6/1/66-5/31/67 (Renewal); \$40,160. (VRA)

Training

- 801. Program Development Planning for Training Professional Personnel in Services for the Mentally Retarded; St. Louis University, Department of Pediatrics, School of Medicine, St. Louis; 7/1/65-12/31/66 (Initial); \$17,442. (DCD)

Missouri (cont'd)

- 802. Mental Retardation; Ernest E. McCoy, University of Missouri, Columbia; 9/65-6/70 (Initial); \$41,664. (NICHD)
- 803. Vitamin B6 Alk Phosphatase and Kynureninase in Mongols; Ernest E. McCoy, University of Missouri, Columbia; 7/65-6/66 (Initial); \$23,948. (NICHD)
- 804. Preparation of Professional Personnel in the Education of Handicapped Children; Central Missouri State College, Warrensburg; 6/1/66-6/30/67 (Initial); \$14,400 (OE)
- 805. Preparation of Professional Personnel in the Education of Handicapped Children; Northeast Missouri State College, Kirksville; 6/1/66-6/30/67 (Initial); \$22,000. (OE)
- 806. Preparation of Professional Personnel in the Education of Handicapped Children; Southeast Missouri State College, Cape Girardeau; 6/1/66-6/30/67 (Initial); \$17,500 (OE)
- 807. Preparation of Professional Personnel in the Education of Handicapped Children; St. Louis University, St. Louis; 6/1/66-6/30/67 (Initial); \$40,400. (OE)
- 808. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$44,800. (OE)
- 809. Occupational Therapy Seminar on Perceptual-Motor Dysfunction; Washington University, St. Louis; 12/1/65-6/30/66 (Initial); \$39,328. (CB)
- 810. Multiple Handicap Clinic; University of Missouri, Columbia; FY 1966 (Renewal); \$147,014. (CB)
- 811. St. Louis University Child Development Clinic; Department of Public Health & Welfare, Jefferson City; FY 1966 (Renewal); \$166,200. (WA)
- 812. Training Unit in Mental Retardation at St. Louis State Training School and Hospital; St. Louis School of Social Work, St. Louis; 7/1/66-6/30/67 (Renewal); \$12,415. (CB)

Construction

- 813. Hannibal Regional Diagnostic Clinic Mental Retardation, Hannibal; 4/15/66 (Initial); \$214,097. (DHMF)
- 814. Sikeston Regional Diagnostic Clinic-Mental Retardation, Sikeston; 6/8/66 (Initial); \$210,717. (DHMF)

Other

- 815. Mental Retardation Planning and Implementation; Missouri Department of Public Health and Welfare, Jefferson City; 1/1/66-6/30/68 (Initial); \$37,840. (DCD)
- 816. Maternity and Infant Care; Department of Health and Hospitals, St. Louis; 5/1/65-6/30/66 (Initial); \$705,578. (CB)
- 817. Maternity and Infant Care; St. Louis County Health Department; 4/1/66-6/30/67 (Initial); \$154,759. (CB)
- 818. Surveying, Evaluating and Planning Expansion of On-Going Cooperative Program in Serving the Mentally Retarded and Severely Disabled; Missouri Vocational Rehabilitation; 7/1/65 (Renewal); \$6,750. (VRA)

MONTANA

Research and Demonstration

- 819. To Establish a Clinic in Missoula, Montana, for the Diagnosis and Evaluation of the Retarded in Western Montana, and to Provide a Training Ground for Professional Persons in the Retardation Field; Montana State Board of Health, Coggswell Bldg., Helena; 7/1/66-6/30/69 (Initial); \$62,078. (DCD)
- 820. Staff Development Program; Steven J. Chiovaro, State Training School and Hospital, Boulder; 7/65 (Renewal); \$90,082. (NIMH)

Training

- 821. Student Work Experience Program; Montana State Training School and Hospital, Boulder; 5/1/66-12/31/66 (Initial); \$8,520. (DCD)
- 822. Inservice Training, Mental Retardation; Montana State Training School, Boulder; 7/65 (Initial); \$23,300 (NIMH)
- 823. Preparation of Professional Personnel in the Education of Handicapped Children; Eastern Montana College of Education, Billings; 6/1/66-6/30/67 (Initial); \$66,000. (OE)
- 824. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$37,410 (OE)

Construction

- 825. Montana State Training School and Hospital, Boulder; 6/20/66 (Initial); \$100,000. (DHMF)

Other

- 826. Mental Retardation Planning and Implementation; Montana Department of Health, Helena; 1/1/66-6/30/68 (Initial); \$31,995. (DCD)

NEBRASKA

Research and Demonstration

- 827. Mental Retardation Clinical Research Center; Cecil L. Wittson, University of Nebraska, Omaha; 10/65-9/68 (Renewal); \$470,045. (NICHD)
- 828. Role of Folates and Derivatives in Phenylketonuria; John H. Copenhaver, University of Nebraska, Lincoln; 1/66-12/67 (Renewal); \$12,891. (NICHD)
- 829. Development of Brain Electrical Activity of Infants; Robert J. Ellingson, University of Nebraska, Lincoln; 1/66-12/66 (Initial); \$63,525. (NINDB)
- 830. A Plan for Training Retarded Patients for Job Placement; M.E. Wyant, Beatrice State Home, Beatrice; 7/65 (Renewal); \$75,862. (NIMH)

Nebraska (cont'd)

831. The Use of Extrinsic Rewards in Teaching Machine Programs for the Mentally Retarded; Dr. John W. Newton & Dr. D.T. Pedrini, The Municipal University of Omaha, Omaha; 6/1/65-6/30/67 (Renewal); \$13,639. (OE)

Training

832. Summer Work Program; Nebraska Psychiatric Institute, Omaha; 7/1/66-12/31/66 (Initial); \$5,775. (DCD)
833. University Planning in Mental Retardation; University of Nebraska, Lincoln; 9/1/66-8/31/67 (Initial); \$25,650. (DCD)
834. Mental Retardation; Robert J. Ellingson, University of Nebraska, Lincoln; 7/66-6/71 (Initial); \$32,137. (NICHD)
835. Inservice Training, Mental Retardation; Beatrice State Home for Mentally Retarded, Beatrice; 7/65 (Renewal); \$24,710. (NIMH)
836. Preparation of Professional Personnel in the Education of Handicapped Children; Municipal University of Omaha; 6/1/66-6/30/67 (Initial); \$27,600. (OE)
837. Preparation of Professional Personnel in the Education of Handicapped Children; University of Nebraska, Lincoln; 6/1/66-6/30/67 (Initial); \$60,800. (OE)
838. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$13,400. (OE)
839. A Mental Retardation Evaluation and Counseling Clinic; University of Nebraska, Lincoln; FY 1966 (Renewal); \$165,840. (GB)

Other

840. Mental Retardation Planning and Implementation; Nebraska State Department of Health, Lincoln; 6/1/66-6/30/68 (Initial); \$35,000. (DCD)
841. Maternity and Infant Care, Omaha; State Department of Health, Lincoln; FY 1966 (Initial); \$150,834. (CB)
842. Workshop Improvement Grant; Goodwill Industries of Omaha, Omaha; 6/25/66-6/24/67 (Initial); \$25,000. (VRA)

NEVADA

Training

843. Student Work Experience Program; Bureau of Mental Retardation; Reno; 6/13/66-12/31/66 (Initial); \$11,000. (DCD)
844. Washoe Association for Retarded Children Development Center, Reno, 6/28/66 (Initial); \$49,724. (DHMF)
845. Inservice Training, Mental Retardation; Nevada State Hospital, Reno; 7/65 (Initial); \$20,576. (NIMH)

Nevada (cont'd)

- 846. Preparation of Professional Personnel in the Education of Handicapped Children; University of Nevada, Reno; 6/1/66-6/30/67 (Initial); \$25,200. (OE)
- 847. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$9,200. (OE)

Construction

- 848. Opportunity Center, Las Vegas; 6/30/66 (Initial); \$73,739. (DHMF)
- 849. Mental Retardation Planning and Implementation; Nevada Department of Health and Welfare, Carson City; 1/1/66-12/31/67 (Initial); \$35,000. (DCD)
- 850. Maternity and Infant Care; City and County District Health Department, Reno; 6/1/66-6/30/67 (Initial); \$81,119. (CE)
- 851. Diagnostic, Preventive and Therapeutic Service for Preschool Children with Developmental Retardation; Department of Health and Welfare, Carson City; FY 1966 (Renewal); \$58,900. (CE)
- 852. Establishment of an Occupational Training Center Workshop for the Mentally Retarded; Nevada Division of Vocational Rehabilitation; 7/1/65 (Renewal); \$15,000. (VRA)

NEW HAMPSHIRE

Research and Demonstration

- 853. Visus-cell Interaction Replication and Differentiation; George Margolis, Dartmouth College, Hanover, New Hampshire; 9/65-8/66 (Renewal); \$49,255. (NINDB)
- 854. Therapeutic Milieu for the Rehabilitation of Mental Retardates; Arthur E. Toll, Laconia State School, Laconia; 7/65 (Renewal); \$44,121. (NIMH)

Training

- 855. Inservice Training, Mental Retardation; Laconia State School, Laconia; 7/65 (Renewal); \$24,200. (NIMH)
- 856. Preparation of Professional Personnel in the Education of Handicapped Children; Keene State College, Keene; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 857. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$29,600. (OE)

Construction

- 858. Laconia State School, Laconia; 5/10/66 (Initial); \$175,000. (DHMF)
- 859. Mental Retardation Planning and Implementation; New Hampshire Department of Health and Welfare, Concord; 1/1/66-6/30/68 (Initial); \$35,000. (DCD)

New Hampshire (cont'd)

Other

860. Consultative Services; Improvement and Expansion of Instructional Services to Local School Districts; State Education Agency, Concord; 1/17/66 (Initial); \$2,377. (OE)

NEW JERSEY

Research and Demonstration

861. Evaluation and Consultation Service for Mental Retardation in the Union County Area of Northern New Jersey; Newark State College, Child Study Center, Union; 9/1/66-8/31/71 (Initial); \$106,220. (DCD)
862. Comparative Biochemistry of Mucopolids; Rev. Owen W. Garrigan, Seton Hall University, South Orange, New Jersey; 1/66-12/66 (Renewal); \$8,870. (NINDB)
863. A Biochemical Approach to Problems in Mental Retardation; George Rendina, The Training School at Vineland; Vineland, New Jersey, 8/65-7/66 (Renewal); \$30,878. (NINDB)
864. Therapeutic Recreation - Profoundly Mentally Retarded; Harry Von Bulow, State Colony; 7/65 (Renewal); \$31,954 (NIMH)
865. Improvement of Language Skills in Retarded Children; Dennis J. Buttimore, North Jersey Training School, Totowa; 7/65 (Renewal); \$70,410 (NIMH)
866. Physio and Speech Therapy for Handicapped Retardates; Herbert F. Schultz, Vineland State School, Vineland, N.J.; 7/65-(Renewal); \$41,632. (NIMH)
867. Habilitation Program for Male Retardates; Francis W. Russell, State Colony at New Lisbon, New Lisbon; 7/65 (Renewal); \$70,270. (NIMH)
868. Concentrated Dormitory Services; Joseph J. Parnicky, Edward Johnstone Training and Research Center, Bordentown; 7/65 (Renewal); \$90,812. (NIMH)
869. Maximal Stimulation and Care for Severely Retarded; Herbert F. Schultz; Vineland State School, Vineland; 9/65 (Renewal); \$50,000. (NIMH)
870. Improved Care for the Aging Retardate; Harry Von Bulow, State Colony, Woodbine; 1/66 (Initial); \$62,259. (NIMH)
871. Effect of a New Institution on a Waiting List Cohort; Maurice G. Kott, New Jersey Division of Mental Retardation, Trenton; 2/66 (Renewal); \$37,431. (NIMH)
872. The Effects of Learning to Categorize on Memory Tasks in Retarded Youth; Army Gerjuoy, E.T. Johnstone Training Research, Bordentown; 4/1/66-11/30/66 (Initial); \$4,022. (OE)
873. Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded; Board of Education, East Orange; 9/1/65-8/31/66 (Renewal); \$28,072. (VRA)
874. The Development of A Cooperative Vocational Pattern for In-School Mentally Retarded Youth; Occupational Center of Essex County, Orange; 3/1/66-2/28/67 (Renewal); \$58,007. (VRA)
875. Vocational Interest and Sophistication Assessment; E.R. Johnstone Training & Research Center, Bordentown; 7/1/65-6/30/66 (Renewal); \$44,851. (VRA)

New Jersey (cont'd)

- 876. A Program of Graduated Habilitation of Mentally Retarded Youth from Institutional to Community Living; E.R. Johnstone Training & Research Center, Bordentown; 7/1/65-9/30/66 (Renewal); \$41,087. (VRA)
- 877. A Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded; South Gloucester County Regional High, Franklinville; 1/1/66-12/31/66 (Renewal); \$23,097 (VRA)

Training

- 878. A Summer Work Experience in Mental Retardation; Bancroft School, Haddonfield; 6/1/66-12/31/66 (Initial); \$6,000. (DCD)
- 879. Introduction to Mental Retardation Project; Johnstone Training and Research Center, Bordentown; 6/1/66-12/31/66 (Initial); \$9,096. (DCD)
- 880. Inservice Training, Mental Retardation; Edward R. Johnstone Training and Research Center, New Jersey State Department of Institutions and Agencies, Bordentown; 7/65 (Renewal); \$19,215. (NIMH)
- 881. Inservice Training, Mental Retardation; State Colony, Woodbine; 7/65 (Renewal); \$23,705. (NIMH)
- 882. Inservice Training, Mental Retardation; Vineland State School, Vineland; 7/65 (Renewal); \$22,623. (NIMH)
- 883. Inservice Training, Mental Retardation; Woodbridge State School, Woodbridge; 7/65 (Initial); \$21,804. (NIMH)
- 884. Preparation of Professional Personnel in the Education of Handicapped Children; Glassboro State College, Glassboro; 6/1/66-6/30/67 (Initial); \$22,000. (OE)
- 885. Preparation of Professional Personnel in the Education of Handicapped Children; Jersey City State College, Jersey City; 6/1/66-6/30/67 (Initial); \$42,000. (OE)
- 886. Preparation of Professional Personnel in the Education of Handicapped Children; Newark State College, Union; 6/1/66-6/30/67 (Initial); \$66,400. (OE)
- 887. Preparation of Professional Personnel in the Education of Handicapped Children; Trenton State College, Trenton; 6/1/66-6/30/67 (Initial); \$33,600. (OE)
- 888. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$37,200. (OE)
- 889. Field Instruction of Social Work Students; Rutgers, The State University; New Brunswick; 9/1/65-8/31/66 (Renewal); \$64,334. (VRA)

Construction

- 890. Passaic County Day Care Center; Totowa; 4/5/66 (Initial); \$124,117; (DHMF)

New Jersey (cont'd)

- 891. Mercer County Day Care Center; Trenton; 4/5/66 (Initial); \$123,737. (DHMF)
- 892. Somerset County Day Care Center, Manville; 5/19/66 (Initial); \$37,670. (DHMF)
- 893. Camden County Day Care Center, Ashland; 4/5/66 (Initial); \$123,737 (DHMF)
- 894. Project Development Grants; Mt. Carmel Guild Archdiocese of Newark, Newark; 6/15/66-6/1/ 67 (Initial); \$10,000. (VRA)

Other

- 895. Mental Retardation Planning and Implementation; New Jersey Department of Institutions and Agencies, Trenton; 1/1/66-6/30/68 (Initial); \$58,253. (DCD)
- 896. Maternity and Infant Care, Newark; State Department of Health, Trenton; 5/15/65-6/30/66 (Initial); \$753,982. (GB)
- 897. Extension and Improvement of Services to the Mentally Retarded of the Trenton School System and the Johnstone Training and Research Center; New Jersey Rehabilitation Commission; 7/1/65 (Renewal); \$8,180. (VRA)
- 898. Workshop Improvement Grant; Bergen-Passaic Unit N.J.A.R.C., Inc., Hackensack; 6/15/66-6/14/67 (Initial); \$6,300. (VRA)
- 899. Workshop Improvement Grant; Camden County Unit, Inc., N.J.A.R.C. Occupational Training Center, Lindenwold; 6/17/66-6/16/67 (Initial); \$5,973. (VRA)
- 900. Workshop Improvement Grant; Cumberland-Salem Unit, N.J.A.R.C., Vineland; 6/17/66-6/16/67 (Initial); \$6,108. (VRA)
- 901. Workshop Improvement Grant; Occupational Training Center for Handicapped, Morristown; 6/17/66-6/16/67 (Initial); \$10,926. (VRA)
- 902. Workshop Improvement Grant; Occupational Training Center of Burlington County, Inc., Mount Holly; 6/20/66-6/19/67 (Initial); \$6,096. (VRA)

NEW MEXICO

Research and Demonstration

- 903. Improved Medical Service Project; Phil Carter, Los Lunas Hospital and Training School, Los Lunas; 7/65 (Renewal); \$56,608. (NIMH)

Training

- 904. Inservice Training, Mental Retardation; Los Lunas Hospital and Training, Los Lunas; 7/65 (Renewal); \$18,207. (NIMH)
- 905. Preparation of Professional Personnel in the Education of Handicapped Children; Eastern New Mexico University, Portales; 6/1/66-6/30/67 (Initial); \$36,400. (OE)

New Mexico (cont'd)

- 906. Preparation of Professional Personnel in the Education of Handicapped Children; University of New Mexico, Albuquerque; 6/1/66-6/30/67 (Initial); \$15,000. (OE)
- 907. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$40,400. (OE)

Construction

- 908. Vista Larga Center, Albuquerque; 6/28/66 (Initial); \$100,000. (DHMF)

Other

- 909. Child Development Center, Santa Fe; Department of Public Health, Santa Fe; FY 1966 (Renewal); \$70,000. (CB)
- 910. Child Study Center, Albuquerque; Department of Public Health, Santa Fe; FY 1966 (Renewal); \$97,800. (CB)
- 911. Maternity and Premature Infant Care, Las Vegas; Department of Public Health, Santa Fe; FY 1966 (Renewal); \$90,000. (CB)
- 912. Project Development Grants; Santa Fe County Association for Retarded Children, Santa Fe; 6/30/66-6/29/67 (Initial); \$6,242. (VRA)
- 913. Mental Retardation Planning and Implementation; New Mexico State Planning Office, Santa Fe; 1/1/66-6/30/68 (Initial); \$28,000. (DCD)
- 914. Workshop Improvement Grant; Goodwill Industries of New Mexico, Albuquerque; 6/29/66-6/28/67 (Initial); \$18,585 (VRA)

NEW YORK

Research and Demonstration

- 915. Satellite Day Centers for Retarded Adults; The Association for the Help of Retarded Children, New York; 3/1/66-2/28/71 (Initial); \$68,915. (DCD)
- 916. Effect of Dietary Protein on Prematurely Born Infants; Davidson, Murray; Bronx-Lebanon Hospital Center, New York; 5/66-4/69 (Initial); \$47,819. (NICHD)
- 917. The Effect of Plasim in Hyaline Membrane Disease; Weintraub, David H., Children's Hospital of Buffalo, Buffalo; 9/65-8/67 (Renewal); \$19,598 (NICHD)
- 918. Conjugation Mechanisms During Development; Yaffe, Sumner, J., Children's Hospital of Buffalo; Buffalo; 5/66-4/67 (Renewal); \$26,478. (NICHD)
- 919. Early Intellectual Training and School Performance; Palmer, Francis H., City University of New York, New York; 6/66-5/70 (Initial); \$84,244. (NICHD)
- 920. A New Experimental Rh Antibody Preparation; Freda, Vincent J., Columbia University, New York; 4/66-3/67 (Renewal); \$15,075. (NICHD)

New York (cont'd)

921. Prevention of Hemolytic Disease of the Newborn; Gorman, John G., Columbia University, New York; 2/66-1/71 (Initial); \$14,695. (NICHD)
922. Development of Conceptions of Psychological Causality; Whiteman, Martin; Columbia University, New York; 6/66-5/68 (Initial); \$21,969. (NICHD)
923. Cytological and Biochemical Studies in Human Genetics; German, James Lafayette III, Cornell University, New York; 9/65-8/67 (Initial); \$63,674. (NICHD)
924. Electrophysiology of Normal and Abnormal Children; Hodes, Robert, Mount Sinai Hospital; New York; 5/66-4/67 (Renewal); \$40,274. (NICHD)
925. Amniotic Fluid Constituents in Fetal Erythroblastosis; Cherry, Sheldon H., Mount Sinai Hospital, New York; 6/66-5/70 (Initial); \$27,282. (NICHD)
926. Cytological and Biochemical Genetics in Human Disease; Hirschhorn, Kurt; New York University, New York; 9/65-8/66 (Renewal); \$36,648. (NICHD)
927. Fetal Effects of Virus Disease in Pregnancy; Siegel, Morris; State University of New York, New York; 1/66-12/66 (Renewal); \$34,854. (NICHD)
928. Maternal Contact and Premature Infant Development; Silberstein, Richard M., Staten Island Mental Health Society, Staten Island; 1/66-2/67 (Renewal); \$73,470. (NICHD)
929. Maternal Complications, Fetal Oxygen and Circulation; Plotz, E.J., Union University, Albany; 1/66-12/66 (Renewal); \$21,443. (NICHD)
930. The Effect of Coxsackie Virus Infection in Pregnancy; Soike, Kenneth F., Jr., Union University, Albany; 5/66-4/67 (Renewal); \$10,579. (NICHD)
931. Obstruction and the Respiratory Distress Syndrome; Milley, Paul S., University of Rochester, Rochester; 1/66-12/67 (Renewal); \$6,204. (NICHD)
932. Intermediary Metabolism in the Newborn and Premature; Gross, Ruth T., Yeshiva University, New York; 3/66-2/67 (Renewal); \$18,405. (NICHD)
933. Social Class and Cognitive Development in Infancy; Golden, Mark, Yeshiva University, New York; 6/66-5/68 (Initial); \$55,268. (NICHD)
934. Effects of Malnutrition in Early Life; Richard H. Barnes; Cornell University, Ithaca; 4/66-3/71 (Renewal); \$41,102 (NICHD)
935. Developmental Diagnostic Studies in Mental Deficiency; Joseph Wortis, Jewish Hospital of Brooklyn, New York; 9/65-8/67 (Renewal); \$67,877. (NICHD)
936. The Infants' Vocalizations; Samuel Karelitz, Long Island Jewish Hospital, New Hyde Park; 4/66-3/70 (Renewal); \$26,148 (NICHD)
937. Chemical Study of Congenital Mental Defects; L. Emmett Holt, Jr., New York University, New York; 9/65-8/66 (Renewal); \$34,047. (NICHD)
938. Study of Infants Heterozygous for the Gene PKU; Albert J. Schneider, State University of New York, Syracuse; 6/66-5/68 (Renewal); \$27,049. (NICHD)
939. Biochemical Causes of Mental Retardation; Hossein Ghadimi, State University of New York, Brooklyn; 4/66-3/69 (Initial); \$57,037. (NICHD)
940. Center for Normal and Aberrant Adaptive Development; Herbert G. Birch; Yeshiva University, New York; 10/65-9/68 (Renewal); \$264,896. (NICHD)

New York (cont'd)

941. Research in Mental Retardation and Human Development; Harry H. Gordon, Yeshiva University, New York; 9/65-8/69 (Initial); \$56,737 (NICHD)
942. Evoked EEG Potentials and Diet of Premature Infants; Harry H. Gordon, Yeshiva University, New York; 1/65-12/68 (Renewal); \$116,202. (NICHD)
943. Studies in Tay-Sachs Disease; John A. Balint, Albany Medical College, Albany; 1/66-12/66 (Renewal); \$12,001. (NINDB)
944. Inhibition Assay - Detection and Study of Inborn Errors; Robert Guthrie, Research Foundation of State University of New York, Albany; 4/66-3/67 (Renewal); \$40,256 (NINDB)
945. Study of Brain Ganglioside Structures; Robert W. Ledeen, Albert Einstein College of Medicine of Yeshiva University, Bronx; 9/65-8/66 (Renewal); \$16,222. (NINDB)
946. Enzymatic Histochemistry of CNS in Spingolipidoses; Bruce W. Volk, Isaac Albert Research Institute of the Jewish Chronic Disease Hospital, Brooklyn; 4/65-3/66 (Renewal); \$33,592. (NINDB)
947. Histopathologic Patterns in the Brain of the Perinatal Period; Kornel L. Terplan, Children's Hospital at Buffalo, Buffalo; 9/65-8/66 (Renewal); \$20,127. (NINDB)
948. Factors Affecting the Neurological Status of Children and Methods for Early Recognition; Milton C. Westphal, Jr., Children's Hospital at Buffalo, Buffalo; 12/65-11/66 (Renewal); \$365,825. (NINDB)
949. Studies on the Pathogenesis of Cerebral Palsy; Marguerite J. Gates, College of Physicians and Surgeons, Columbia University, New York; 1/66-12/66 (Renewal); \$217,870. (NINDB)
950. Functional Analysis of the Human Skull; Melvin L. Moss, Columbia University, New York; 9/65-3/66 (Renewal); \$5,010 (NINDB)
951. Phylogeny and Ontogeny of the Cerebral Cortex; Charles R. Noback, Columbia University, New York; 9/65-8/66 (Renewal); \$15,001. (NINDB)
952. Brain Functions in Metabolic Disorders; Jerome D. Posner, Cornell University Medical College, New York; 12/65-11/66 (Renewal); \$21,145. (NINDB)
953. Clincoopathologic Correlations in Cerebral Palsy; Lawrence B. Slobody, New York Medical College, New York; 9/65-8/66 (Renewal); \$732,022. (NINDB)
954. Diffusibility of Bilirubin in Kernicterus; Harry Sobotka, The Mt. Sinai Hospital; New York; 12/65-3/66 (Renewal); \$20,042. (NINDB)
955. Etiology and Consequences of Perinatal Brain Damage; Abner Wolf, College of Physicians and Surgeons, Columbia University, New York; 4/65-6/66 (Renewal); \$37,563. (NINDB)
956. Verbal Mediation Process in the Cerebral Palsied; Barbara C. Wilson, Institute for the Crippled and Disabled, New York; 1/66-12/66 (Initial); \$3,266. (NINDB)
957. Factors Influencing Neural Tube Differentiation; Katherine M. Lyser, Hunter College of the City University of New York; 12/65-11/66 (Initial); \$69,691. (NINDB)

New York (cont'd)

958. Cerebrospinal Fluid Proteins in Myxedema; Arthur R. Rothman, Maimonides Hospital of Brooklyn, Brooklyn; 1/65-12/65 (Renewal); \$14,408. (NINDB)
959. Promoting Community Living with Recreation Activities; Charles Greenburg, Rome State School, Rome; 2/66 (Initial); \$34,469. (NIMH)
960. Education Program Extension for Moderately Retarded; George F. Etling, Wassaic State School, Wassaic; 1/66 (Initial); \$77,014 (NIMH)
961. Intensive Habilitation and Motivation Program; Vincent I. Bonafede, Craig Colony and Hospital, Sonyea; 6/66 (Initial); \$97,473. (NIMH)
962. Toddler Training and Stimulation for Maximum Potential; Jack Hammond, Willowbrook State School, State Island; 5/66 (Initial); \$97,871. (NIMH)
963. A Plan to Aid Development in Dependent Children; Samuel Feinstein, West Seneca State School, West Seneca; 6/66 (Initial); \$97,369. (NIMH)
964. Residential Unit Care Plan for Retarded Children; Frank R. Henne, Newark State School, Newark; 6/66 (Initial); \$98,074. (NIMH)
965. Occupation Center for Mentally Retarded Adults, Jack Gorelick Association for the Help of Retarded Children, New York; 9/65 (Renewal); \$22,000. (NIMH)
966. Program for the Scholastically Retarded Child; Martin Deutsch, New York Medical College, New York; 10/65 (Renewal); \$71,872. (NIMH)
967. A Mental Health Center for Disturbed Blind Children, Walter Kass, Jewish Guild for the Blind, New York; 1/66 (Renewal); \$82,166. (NIMH)
968. Children's Psychopharmacology Unit; Barbara Fish, New York University Medical Center, New York; 4/66 (Renewal); \$94,189. (NIMH)
969. Behavioral Study of Mentally Retarded Children; Stella Chess, New York Medical College, New York; 10/65 (Renewal); \$33,474. (NIMH)
970. The Growth of Cognitive Abilities in Young Children; Marion Blank, Yeshiva University, New York; 1/66 (Renewal); \$9,687. (NIMH)
971. Unmet Needs of Young Adult Retardates; Lawrence Goodman, New York Medical College, New York; 9/65; \$4,200. (NIMH)
972. Curiosity Behavior in Educable Mentally Retarded Adolescents; Characteristics, Modifiability, and Effects of Training; Dr. Martin B. Miller, Ferkhauf Graduate School of Education, Yeshiva University, New York; 4/27/66-2/28/67 (Initial); \$24,854. (OE)
973. A Demonstration - Research Project in Curriculum and Methods of Instruction for Elementary Level Educable Mentally Retarded Children; Dr. Herbert Goldstein, Graduate School of Education, Yeshiva University, New York; 6/1/64-5/31/67 (Renewal); \$29,072. (OE)
974. Retardation in Intellectual Development of Lower-Class Puerto Rican Children in New York City; Dr. Alexander Thomas, New York University Medical Center, New York; 6/1/65-5/31/67 (Renewal); \$12,000. (OE)
975. An Analysis of the Teacher - Pupil Verbal with Behavior Interaction in Special Classes for the Mentally Retarded; Esther Hirsch, Yeshiva University, Ferkhauf Graduate School of Education, New York; 2/1/66-12/31/66 (Initial); \$8,497. (OE)
976. Relationship Between Attention and Achievement in Retarded Children; Dr. Eugene Loveless and Dr. Francis Lodato, Manhattan College, New York; 2/1/66-1/31/67 (Initial); \$10,253. (OE)

New York (cont'd)

977. Classifying Characteristics Related to the Educability of Mentally Retarded Children; Dr. Leonard S. Blackman, Teachers College, Columbia University, New York; 2/1/66-1/31/67 (Initial); \$33,348. (OE)
978. A Center to Develop a Social Learning Curriculum for the Mentally Retarded; Dr. Herbert Goldstein, Yeshiva University, New York; 6/1/66-6/30/68 (Initial); \$101,424. (OE)
980. Mental Health Association Staff Training Conference; National Association for Mental Health, New York; 6/1/66-12/31/66 (Initial); \$48,720. (OE)
981. Fetal Life Study--The Role of Prenatal Influences; Columbia University; New York City; 7/1/66-6/30/67 (Initial); \$54,050. (CB)
982. Diagnostic-Therapeutic Studies of High Risk Pregnancy; New York Medical College, New York City; 7/1/66-6/30/67 (Initial); \$148,611. (CB)
983. Metropolitan Critical Area Project; Camp Fire Girls, Inc., New York City; 10/1/65-9/30/66 (Renewal); \$71,798. (CB)
984. Availability and Utilization of Recreation Resources for Chronically Disabled Children in the United States; Comeback, Inc., New York City; 7/1/66-12/31/66 (Renewal); \$26,150. (CB)
985. A Demonstration Program Evaluating the Effectiveness and Methodology of Group Therapy for Retarded Adolescents (Mildly Retarded Girls); New York Medical College, New York City; 4/1/66-3/31/67 (Renewal); \$10,000. (CB)
986. The Feasibility of Training and Using Unskilled Personnel as Aids to Professional Personnel in Caring for Retarded Children; Retarded Infants Service, New York City; 4/1/66-3/31/67 (Renewal); \$75,297. (CB)
987. Development of a Demonstration Day Care Center for Young Children; State University of New York, Albany; 7/1/66-6/30/67 (Renewal); \$208,622. (CB)
988. Satellite Workshops as Extensions of A Central Vocational Rehabilitation Program; Association for Help of Retarded Children, New York City; 8/1/65-7/31/66 (Renewal); \$52,446. (VRA)
989. Influence of Low Socio-Economic Class & Parent Participation on the Adaptation of Retarded Adults to a Vocational Rehabilitation Program; Association for Help of Retarded Children, New York City; 7/1/65-6/30/66 (Initial); \$65,000. (VRA)
990. Effectiveness of Placement-Oriented Work Program for Mentally Retarded Adolescents and School Drop-outs; Federation of the Handicapped, New York City; 10/1/65-9/30/66 (Renewal); \$50,080. (VRA)
991. Employment of the Mentally Retarded; Human Resources, Albertson; 3/1/66-2/28/67 (Renewal); \$122,543. (VRA)
992. A Film on Job Opportunities for the Mentally Retarded; National Association for Retarded Children, New York City; 3/3/65-8/31/66 (Initial); \$4,500. (VRA)

Training

993. Summer Work Program; Albert Einstein College of Medicine, Bronx; 6/1/66-12/31/66 (Initial); \$10,422. (DCD)

New York (cont'd)

- 994. Mental Retardation Dental Training Project; Long Island Jewish Hospital, New Hyde Park; 9/1/66-8/31/71 (Initial); \$11,629. (DCD)
- 995. Seminar in Mental Retardation; Medical Society of Kings County, Brooklyn; 5/1/66-9/1/66 (Initial); \$2,443. (DCD)
- 996. Public Health Service Short-Term Training Course Designed to Update Recreation Knowledge and Skills of Professional and Subprofessional Health Personnel Working with the Severely and Profoundly Retarded; National Recreation and Park Association, New York; 9/15/66-12/31/67 (Initial); \$4,950. (DCD)
- 997. Social Work Training in the Development of Community Health Services for the Mentally Retarded; Research Foundation of State University of New York; Albany; 7/1/66-6/30/71 (Initial); \$47,166. (DCD)
- 998. Student Work Experience Project; Syracuse State School, Syracuse; 6/1/66-12/31/66 (Initial); \$14,790. (DCD)
- 999. Summer Work Experience in a State Residential School for the Mentally Retarded; West Seneca State School, New York; 6/16/66-12/31/66 (Initial); \$11,876. (DCD)
- 1000. Student Work Experience Project; Letchworth Village, Thiells; 6/1/66-12/31/66 (Initial); \$9,926. (DCD)
- 1001. Teratology; Max Hamburger, City University of New York; 7/66-6/68 (Renewal); \$48,422. (NICHD)
- 1002. Biology of Reproduction; J. George Moore, Columbia University, New York; 7/66-6/67 (Renewal); \$93,175. (NICHD)
- 1003. 1-Placental Physiology 2-Metabolic Errors; Joseph Dancis, New York University, New York; 1/66-12/66 (Renewal); \$29,745. (NICHD)
- 1004. Studies on Cytomegalic Inclusion Disease; James Barry Hanshaw, University of Rochester, Rochester; 7/66-6/67 (Renewal); \$19,526. (NICHD)
- 1005. Human Developmental Biology; Ruth T. Gross, Yeshiva University, New York; 7/66-6/67 (Renewal); \$106,064. (NICHD)
- 1006. Bilirubin, Metab. and Liver Function in Newborn and Fetus; Lawrence M. Gartner, Yeshiva University, New York; 7/65-6/66 (Renewal); \$500. (NICHD)
- 1007. Psychiatry--Special Areas; Letchworth Village, Thiells; 7/65 (Renewal); \$35,741. (NIMH)
- 1008. Pilot--Interdisciplinary; New York Medical College, New York; 7/65 (Renewal); \$142,345 (NIMH)
- 1009. Inservice Training, Mental Retardation; Newark State School for Mental Retardates; 7/65 (Initial); \$15,439. (NIMH)
- 1010. Inservice Training, Mental Retardation; Newark State School for Mental Retardates, Newark; 7/65 (Initial); \$15,439. (NIMH)
- 1011. Inservice Training, Mental Retardation; Rome State School, Rome; 7/65 (Initial); \$18,637. (NIMH)
- 1012. Preparation of Professional Personnel in the Education of Handicapped Children; The College of St. Rose, Albany; 6/1/66-6/30/67 (Initial); \$22,400. (OE)
- 1013. Preparation of Professional Personnel in the Education of Handicapped Children; Fordham University, New York; 6/1/66-6/30/67 (Initial); \$40,400. (OE)

New York (cont'd)

1014. Preparation of Professional Personnel in the Education of Handicapped Children; Hofstra University, Hempstead, Long Island; 6/1/66-6/30/67 (Initial); \$44,000. (OE)
1015. Preparation of Professional Personnel in the Education of Handicapped Children; Marymount Manhattan College, New York; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
1016. Preparation of Professional Personnel in the Education of Handicapped Children; New York University, New York; 6/1/66-6/30/67 (Initial); \$56,000. (OE)
1017. Preparation of Professional Personnel in the Education of Handicapped Children; State University College at Buffalo; 6/1/66-6/30/67 (Initial); \$75,200. (OE)
1018. Preparation of Professional Personnel in the Education of Handicapped Children; State University College at Geneseo; 6/1/66-6/30/67 (Initial); \$31,200. (OE)
1019. Preparation of Professional Personnel in the Education of Handicapped Children; Syracuse University, Syracuse; 6/1/66-6/30/67 (Initial); \$92,800. (OE)
1020. Preparation of Professional Personnel in the Education of Handicapped Children; Teachers College, Columbia, New York; 6/1/66-6/30/67 (Initial); \$84,000. (OE)
1021. Preparation of Professional Personnel in the Education of Handicapped Children; Yeshiva University, New York; 6/1/66-6/30/67 (Initial); \$79,565. (OE)
1022. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$66,800. (OE)
1023. Establishment of a Demonstration Center for Purposes of In-Service Training of Newly Appointed and Tenured Teachers of the Mentally Retarded in a Supervised Setting Where Action Research Can be Translated into Everyday Practice with Emphasis on Programs, Methodology and Materials; Buffalo City School District, Buffalo; 2 years (Initial); \$219,500. (OE)
1024. Genetics Program; State University of New York at Buffalo, Albany; FY 1966 (Renewal); \$163,935. (CB)
1025. Cornell University Premature Care Program; Department of Health, Albany; FY 1966 (Renewal); \$45,898. (CB)
1026. Training Nurses in Clinical Specialization of Maternal and Newborn Nursing; New York Medical College, New York City; FY 1966 (Renewal); \$151,848 (CB)
1027. Institute on Mothers at Risk; Adelphi University, Garden City, Long Island; 9/1/65-6/30/66; (Initial); \$32,785. (CB)
1028. A Community Center Demonstration and Training Program for Mentally Retarded Children and Youth in the Bronx River Neighborhood Center; Hunter College School of Social Work, New York City; 7/1/66-6/30/67 (Renewal); \$17,998. (CB)

New York (cont'd)

- 1029. Rehabilitation Center, Children's Hospital, Buffalo; Department of Health, Albany; FY 1966 (Renewal); \$125,800. (CB)
- 1030. Diagnostic and Counseling Study Center for Mentally Retarded Children; Department of Health, Albany; FY 1966 (Renewal); \$116,280. (CB)
- 1031. Short-Term Training Courses on Inter-Disciplinary Communication in Mental Retardation; New York Academy of Sciences, New York City; 6/1/66-8/31/66 (Renewal); \$38,110. (VRA)
- 1032. Field Instruction of Social Work Students; New York University, New York City; 6/1/65-8/31/66 (Renewal); \$41,845. (VRA)
- 1033. Field Instruction of Rehabilitation Counseling Students; State University of New York, Buffalo; 9/1/65-8/31/66 (Renewal); \$69,834. (VRA)
- 1034. Field Instruction of Social Work Students; Syracuse University, Syracuse; 6/1/66-5/31/67 (Renewal); \$37,128. (VRA)
- 1035. Center for Short-Term Training in Mental Retardation; Teachers College, Columbia University, New York City; 9/1/65-8/31/66 (Renewal); \$51,518. (VRA)
- 1036. Traineeships at the Center for Training in Mental Retardation; Teachers College, Columbia University, New York City; 9/1/65-8/31/66 (Renewal); \$38,808. (VRA)

Construction

- 1037. Maimonides School, New York; 3/3/66 (Initial); \$100,000. (DHMF)
- 1038. Association for the Help of Retarded Children Day Training Center, Brookville; 3/3/66 (Initial); \$143,200. (DHMF)
- 1039. Monroe County Center for Rehabilitation Agencies, Inc., Rochester; 3/2/66 (Initial); \$552,457. (DHMF)
- 1040. New York Medical College; New York; 12/10/65 (Initial); \$3,000,000. (DHMF)

Other

- 1041. Mental Retardation Planning and Implementation; New York Department of Mental Hygiene, Albany; 1/1/66-6/30/68 (Initial); \$107,248. (DCD)
- 1042. Multiple Test Procedure for Inborn Errors of Metabolism; State University of New York, Buffalo; FY 1966 (Renewal); \$333,994. (CB)
- 1043. Maternity and Infant Care, Erie County; State Department of Health, Albany; 4/1/65-6/30/66 (Initial); \$382,471. (CB)
- 1044. Maternity and Infant Care; New York City Department of Health; FY 1966 (Renewal); \$2,074,674. (CB)
- 1045. Maternity and Infant Care, New York Medical College; New York City Department of Health; 10/1/65-6/30/66 (Initial); \$248,097. (CB)
- 1046. Maternity and Infant Care, Albert Einstein College of Medicine; New York City Department of Health; 1/1/66-6/30/67 (Initial); \$902,908. (CB)
- 1047. Establishment of a Rehabilitation Facility, Fulton County Chapter of the Association for Retarded Children, Inc., Gloversville, New York Division of Vocational Rehabilitation; 7/1/65 (Renewal); \$6,296. (VRA)

New York (cont'd)

- 1048. Establishment of a Rehabilitation Facility - Schenectady County Association for Retarded Children; New York Division of Vocational Rehabilitation; 7/1/65 (Initial); \$38,244. (VRA)
- 1049. Establishment of a Rehabilitation Facility - Suffolk Chapter Association for Retarded Children, Inc.; New York Division of Vocational Rehabilitation; 9/13/65 (Initial); \$21,077. (VRA)
- 1050. Board of Cooperative Educational Services, Westchester County, Port Chester; 6.2 acres of land and 7 buildings - Nike Battery NY-09, North Castle - Special School, including training of retarded; \$281,469 AC; \$32,600 FV; 1/28/66. (SPU)

NORTH CAROLINA

Research and Demonstration

- 1051. Experimental Studies on Hyaline Membrane Pathogenesis; Becker, R. Frederick; Duke University, Durham; 4/66-3/67 (Renewal); \$33,291. (NICHD)
- 1052. Initiation and Control of Respiration of Term Lambs; Harned, Herbert Spencer, Jr., University of North Carolina, Chapel Hill; 9/65-8/68 (Renewal); \$29,600. (NICHD)
- 1053. Urinary Taurine and Serum Uric Acid in Mongolism; Harold O. Goodman, WakeForest College, Winston-Salem; 6/66-5/69 (Initial); \$19,049. (NICHD)
- 1054. Mucopolysaccharides in Neurological Disorders; Adhemer W. Renuart, Murdoch Center, Butner; 5/65-9/65 (Initial); \$32,066. (NINDB)
- 1055. Effects of Extrapyrmidal Lesions on Cerebral Palsy; Blaine S. Nashold, Duke University, Durham; 1/65-12/66 (Renewal); \$18,522. (NINDB)
- 1056. Three Problems in Experimental Pathology; P. Stephen Vogel, Duke University, Durham; 6/65-5/66 (Renewal); \$39,490. (NINDB)
- 1057. Perinatal Research Committee; James F. Donnelly, Perinatal Research Committee; Raleigh; 10/64-6/66 (Initial); \$15,000. (NINDB)
- 1058. Therapeutic Program for Custodial Residents; Vernon Mangum, The O'Berry Center, Goldsboro; 7/65 (Renewal); \$36,842. (NIMH)
- 1059. Rehabilitation Project for the Severely Retarded; James F. Elliott, Murdoch Center, Butner; 7/65 (Renewal); \$43,849 (NIMH)
- 1060. Team Treatment of NAB Mentally Retarded; J. Iverson Riddle, Western Carolina Center, Morganton; 7/65 (Renewal); \$88,393. (NIMH)
- 1061. Short Term Admission Program; Vernon Mangum, O'Berry Center, Goldsboro; 7/65 (Renewal); \$10,692. (NIMH)
- 1062. Transition-Buffer Unit for Mentally Retarded; J. Iverson Riddle, Western Carolina Center, Morganton; 9/65 (Initial); \$11,607. (NIMH)
- 1063. The Rehabilitation of Delinquent Retardates; James F. Elliott, Murdoch Center, Butner; 2/66 (Initial); \$46,587. (NIMH)

North Carolina (cont'd)

- 1064. Genetic Study of Taurine Excretion; Harold O. Goodman, Wake Forest College, Bowman Gray School of Medicine, Winston-Salem; 11/65 (Initial); \$3,418. (NIMH)
- 1065. Cognitive Training with Retarded Children II, Harold M. Corter, University of North Carolina, Chapel Hill; 6/1/66-5/31/67 (Initial); \$85,036. (OE)
- 1066. The Effect of Age as a Variable on the Scores of the Harris-Goodenough Drawing Test of Educable Retardates; Irwin S. Levy, University of North Carolina at Chapel Hill; 6/15/66-11/14/67 (Initial); \$5,621. (OE)
- 1067. Central Education and Rehabilitation Center; Division of Vocational Rehabilitation, Raleigh; 5/1/66-4/30/67 (Renewal); \$60,668. (VRA)

Training

- 1068. A Comprehensive Work Experience Program in Mental Retardation; O'Berry Center, Goldsboro; 6/6/66-12/31/66 (Initial); \$8,580. (DCD)
- 1069. Student Work Experience in the Treatment of Mental Retardation; Western Carolina Center, Morgantown; 5/1/66-12/31/66 (Initial); \$9,542. (DCD)
- 1070. Pediatrics; Jerome S. Harris, Duke University, Durham; 7/66-6/71 (Initial); \$63,845. (NICHD)
- 1071. Inservice Training, Mental Retardation; The Caswell Center, Kinston; 7/65 (Renewal); \$15,012. (NIMH)
- 1072. Inservice Training, Mental Retardation; Western Carolina Center, Morganton; 7/65 (Renewal); \$24,996. (NIMH)
- 1073. Preparation of Professional Personnel in the Education of Handicapped Children; Appalachian State Teachers College, Boone; 6/1/66-6/30/67 (Initial); \$25,600. (OE)
- 1074. Preparation of Professional Personnel in the Education of Handicapped Children; East Carolina College, Greenville; 6/1/66-6/30/67. (Initial) \$18,000. (OE)
- 1075. Preparation of Professional Personnel in the Education of Handicapped Children; University of North Carolina, Chapel Hill; 6/1/66-6/30/67 (Initial); \$60,800. (OE)
- 1076. Preparation of Professional Personnel in the Education of Handicapped Children; Western Carolina College, Cullowhee; 6/1/66-6/30/67 (Initial); \$10,800. (OE)
- 1077. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$59,200. (OE)
- 1078. Developmental Evaluation Clinic, Bowman Gray School of Medicine; Board of Health, Raleigh; FY 1966 (Renewal); \$148,827. (CB)
- 1079. Center for Short-Term Training in Mental Retardation; University of North Carolina, Chapel Hill; 3/1/66-2/28/67 (Renewal); \$80,490. (VRA)
- 1080. Traineeships at the Center for Training in Mental Retardation; University of North Carolina, Chapel Hill; 3/1/66-2/28/67 (Renewal); \$131,540. (VRA)

Construction

- 1081. Facility for the Mentally Retarded, Butner; 6/7/66 (Initial); \$280,946 (DHMF)

North Carolina (cont'd)

1082. Western Carolina College Mental Health Center and Mental Retardation Facility; Cullowhee; 6/30/66 (Initial); \$302,254. (DHMF)

Other

1083. Mental Retardation Planning and Implementation; North Carolina Department of Mental Health, Raleigh; 1/1/66-12/31/67 (Initial); \$52,000. (DCD)
1084. Maternity and Infant Care; State Board of Health, Raleigh, FY 1966 (Initial); \$241,782. (GB)

NORTH DAKOTA

Research and Demonstration

1085. Inpatient and Outpatient Services; Charles C. Rand, Grafton State School, Grafton; 7/65 (Renewal); \$99,698. (NIMH)
1086. Opportunity Training Center, Inc.; Opportunity Training Center, Grand Forks; 4/1/66-3/31/67 (Renewal); \$18,000. (VRA)
1087. Vocational Training Center; Vocational Training Center, Fargo; 7/1/65-6/30/66 (Renewal); \$10,345. (VRA)

Training

1088. Inservice Training, Mental Retardation; Grafton State School, Grafton; 7/65 (Initial); \$23,019. (NIMH)
1089. Preparation of Professional Personnel in the Education of Handicapped Children; Minot State College, Minot; 6/1/66-6/30/67 (Initial); \$32,400. (OE)
1090. Preparation of Professional Personnel in the Education of Handicapped Children; University of North Dakota, Grand Forks; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
1091. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$31,500. (OE)

Other

1092. Mental Retardation Planning and Implementation; North Dakota Department of Health, Bismarck; 1/1/66-6/30/68 (Initial); \$25,584. (DCD)

OHIO

Research and Demonstration

1093. Tri-State Comprehensive Planning and Implementation Project for Mental Retardation; Public Health Federation, Cincinnati; 7/1/66-6/30/69 (Initial); \$34,459. (DCD)

Ohio (cont'd)

- 1094. Tissue Metabolism in Newborns after Hypoxia; Stave, Uwe; Fels Research Institute, Yellow Springs; 4/66-3/68 (Renewal); \$25,860. (NICHD)
- 1095. Tissue Heparin Levels in Fetus and Newborn; Reiner, Charles, Ohio State University, Columbus; 5/66-4/68 (Renewal); \$28,806. (NICHD)
- 1096. Clinical and Laboratory Studies on Rubella; Schiff, Gilbert Martin, University of Cincinnati, Cincinnati; 9/65-8/67 (Renewal); \$52,143. (NICHD)
- 1097. Carbohydrate Metabolism and Teratology in Guinea Pigs, Hoar, Richard M., University of Cincinnati; 5/66-4/68 (Initial); \$25,089. (NICHD)
- 1098. The Cytogenetics of Embryonic Maldevelopment; MacIntyre, M. Neil, Western Reserve University, Cleveland; 1/66-12/66 (Renewal); \$33,233. (NICHD)
- 1099. Metabolic Disorders and Mental Deficiency; Helen K. Berry, Children's Hospital, Cincinnati; 4/66-3/70 (Renewal); \$67,320. (NICHD)
- 1100. Phenylalanine Metabolism in Phenylketonuria; Hanns-Dieter Gruemer, Ohio State University, Columbus; 1/66-12/68 (Renewal); \$34,460. (NICHD)
- 1101. Biliburin Disposition in the Newborn; Steven Schenker, University of Cincinnati College of Medicine, Cincinnati; 9/65-8/66 (Renewal); \$46,714 (NINDS)
- 1102. Demonstrating Adaptive Behavior - Psychiatric Problem; Henry Leland, American Association on Mental Deficiency; Columbus; 12/65 (Renewal); \$94,555. (NIMH)
- 1103. Aromatic Metabolism and Mental Functioning; Marvin D. Armstrong, Fels Research Institute, Yellow Springs; 4/66 (Renewal); \$33,638. (NIMH)
- 1104. Operant Conditioning of Retardates; Roger M. Gove, Ohio State University, Columbus; 9/65 (Renewal); \$16,007 (NIMH)
- 1105. Coaching and Teaching in Retardates; Dr. Richard Almy Wortman, Western Reserve University, Cleveland; 2/1/66-2/28/67 (Initial); \$5,772. (OE)
- 1106. Training and Research Facility in Child Welfare Practice; Western Reserve University, Cleveland; 7/1/66-6/30/67 (Initial); \$133,140. (CB)
- 1107. Evaluation of Nutritional Status of Preschool Children in U.S., Children's Hospital Research Foundation, Columbus; 7/1/66-6/30/67 (Initial); \$159,860. (CB)
- 1108. Planning Workshops for the Retarded in Ohio; Association for Retarded Children, Columbus; 8/1/65-8/31/66 (Renewal); \$29,180. (VRA)
- 1109. A Work Experience Program for the Mentally Retarded in their Last Year in School; Vocational Guidance & Rehabilitation Service, Cleveland; 9/1/65-8/31/66 (Initial); \$37,740. (VRA)
- 1110. Greater Cleveland Mental Retardation Development Project; Welfare Federation of Cleveland, Cleveland; 12/1/65-11/30/66 (Initial); \$98,210. (VRA)

Training

- 1111. Student Summer Work Experience Program; Ohio Department of Mental Hygiene and Correction, Columbus; 6/20/66-12/31/66 (Initial); \$6,700. (DCD)

Ohio (cont'd)

- 1112. Planning a University-Wide Interdisciplinary Program in Mental Retardation; Ohio State University Research Foundation, Columbus; 11/1/65-10/31/66 (Renewal); \$26,457. (DCD)
- 1113. Planning for a Coordinated Multi-disciplinary Program Service and Research programs, Agency Interrelationships, Finances, and Building of a University Affiliated Clinical Facility for the Mentally Retarded; University of Cincinnati, College of Medicine, Cincinnati; 7/1/65-6/31/66 (Initial); \$15,000. (DCD)
- 1114. Clinical and Laboratory Features of Rubella; Gilbert Martin Schiff, University of Cincinnati; Cincinnati; 7/66-6/67 (Renewal); \$19,008 (NICHD)
- 1115. Preparation of Professional Personnel in the Education of Handicapped Children; Bowling Green State University, Bowling Green; 6/1/66-6/30/67 (Initial); \$40,000. (OE)
- 1116. Preparation of Professional Personnel in the Education of Handicapped Children; Kent State University, Kent; 6/1/66-6/30/67 (Initial); \$36,400. (OE)
- 1117. Preparation of Professional Personnel in the Education of Handicapped Children; Miami University, Oxford; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1118. Preparation of Professional Personnel in the Education of Handicapped Children; Ohio State University, Columbus; 6/1/66-6/30/67 (Initial); \$62,400. (OE)
- 1119. Preparation of Professional Personnel in the Education of Handicapped Children; University of Cincinnati, Cincinnati; 6/1/66-6/30/67 (Initial); \$73,600. (OE)
- 1120. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$49,500. (OE)
- 1121. Hamilton County Diagnostic Clinic for the Mentally Retarded; Department of Health, Columbus; FY 1966 (Renewal); \$132,519. (CB)
- 1122. Division of Child Development; Ohio State University, Columbus; FY 1966 (Renewal); \$87,788. (CB)
- 1123. Treatment of Metabolic Disorders Requiring Long Term Care: A Clinical Team Approach; Children's Hospital Research Foundation, Cincinnati; FY 1966 (Initial); \$53,050 (CB)
- 1124. Training Program in Mental Retardation; Western Reserve University, Cleveland; FY 1966 (Initial); \$25,273 (CB)
- 1125. Physical Therapy Approaches to Child with Neurophysiologic Conditions; Western Reserve University, Cleveland; 4/15/66-8/31/66 (Initial); \$11,383. (CB)

Construction

- 1126. Mahoning County School for the Retarded, Youngstown; 2/14/66 (Initial); \$232,526. (DHMF)

Ohio (cont'd)

- 1127. Richland County School for the Mentally Retarded, Mansfield; 3/28/66 (Initial); \$116,416. (DHMF)
- 1128. The Bessie Benner Metzenbaum School for Retarded Children, Chesterland; 2/14/66 (Initial); \$22,992. (DHMF)
- 1129. Resident Home for the Mentally Retarded of Hamilton County, Cincinnati; 2/14/66 (Initial); \$73,006. (DHMF)

Other

- 1130. Mental Retardation Planning and Implementation; Ohio Department of Mental Hygiene, Columbus; 5/1/66-6/30/68 (Initial); \$90,245. (DCD)
- 1131. Consultative Services; Expand, Develop and Strengthen Leadership and Consultative Services to Local Educational Agencies; State Education Agency, Columbus; 5/10/66 (Initial); \$27,754. (OE)
- 1132. Maternity and Infant Care, Cleveland; State Department of Health, Columbus; 6/1/65-6/30/66 (Initial); \$1,311,766. (CB)
- 1133. Maternity and Infant Care, Cincinnati; State Department of Health, Columbus; 6/1/66-6/30/67 (Initial); \$990,775. (CB)
- 1134. Lake County Board of Commissioners, Willoughby; .32 acre of land and 1 building, former Post Office, Willoughby - School for mentally retarded; \$48,500 AC; \$47,000 FV; 12/8/65 (SPU)
- 1135. Department of Mental Hygiene and Corrections, Columbus; 66.6 acres of land and 19 buildings, VA hospital, Broadview Heights - Hospital for care and treatment of mentally retarded; \$3,664,745 AC; \$3,557,032 FV; 1/28/66 (SPU)

OKLAHOMA

Research and Demonstration

- 1136. Nutritional Availability of Galactosides; Matthew E. Kraynak; University of Oklahoma; Norman; 5/66-4/68 (Initial); \$21,279. (NICHD)
- 1137. A Unit Approach to the Severely Retarded; J.L. Dunagin, Enid State School, Enid; 7/65 (Renewal); \$62,111. (NIMH)
- 1138. Improvement of Services for the Bedridden Retardate; James G. Borren; The Hissom Memorial Center, Sand Springs; 2/66 (Initial); \$82,647 (NIMH)
- 1139. The Effects of Over-Training on a Learning Task in Normal and Retarded Children; Dr. Gladys Hiner & Dr. Wayne Viney, Oklahoma City University, Oklahoma City; 3/1/66-2/28/67 (Initial); \$5,190. (OE)

Training

- 1140. Inservice Training, Mental Retardation; Enid State School - Oklahoma Department of Mental Health and Mental Retardation, Enid; 7/65 (Renewal); \$23,760. (NIMH)

Oklahoma (cont'd)

- 1141. Inservice Training, Mental Retardation; Hissom Memorial Center, Sand Springs; 7/65 (Initial); \$17,544 (NIMH)
- 1142. Preparation of Professional Personnel in the Education of Handicapped Children; Central State College, Edmond; 6/1/66-6/30/67 (Initial); \$68,000. (OE)
- 1143. Preparation of Professional Personnel in the Education of Handicapped Children; University of Tulsa, Tulsa; 6/1/66-6/30/67 (Initial); \$10,600. (OE)
- 1144. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$36,400. (OE)
- 1145. Osage County Special Educational Services; Office of County Superintendent of Schools, Osage County, Pawhuska; 2 Years (Initial); \$183,156 (OE)
- 1146. Training in Mentally Retarded Children's Medical Center; Department of Health, Oklahoma City; FY 1966 (Renewal); \$93,875. (CB)
- 1147. Field Instruction of Physical Therapy Students; University of Oklahoma Medical Center, Oklahoma City; 9/1/65-8/31/66 (Renewal); \$20,235. (VRA)

Construction

- 1148. Paul's Valley State School, Paul's Valley; 5/13/66 (Initial); \$137,697. (DHMF)

Other

- 1149. Mental Retardation Planning and Implementation; Oklahoma Department of Public Welfare, Oklahoma City; 4/1/66-6/30/68 (Initial); \$30,000. (DCD)
- 1150. Consultative Services; Special Education; State Education Agency, Oklahoma City; 6/13/66 (Initial); \$7,300. (OE)

OREGON

Research and Demonstration

- 1151. Studies in Genetically-Determined Neurological Diseases; James H. Austin, University of Oregon Medical School, Portland; 12/65-11/66 (Renewal); \$59,070. (NINDB)
- 1152. Collaborative Study of Cerebral Palsy; Ralph C. Benson, University of Oregon Medical School, Portland; 12/65-11/66 (Renewal); \$574,592. (NINDB)
- 1153. Electroencephalographic Studies in Newborn and Young Infants; Rudolf Engel, University of Oregon Medical School; Portland; 1/66-12/66 (Renewal); \$25,328 (NINDB)

Oregon (cont'd)

- 1154. Programming to Improve Social Skills of Retardates; James M. Pomeroy, Oregon Fairview Home, Salem; 7/65 (Renewal); \$88,745. (NIMH)
- 1155. An Institution Program for the Defective Delinquent; D.L. Callicrate, Oregon Fairview Hospital, Salem; 6/66 (Renewal); \$46,821. (NIMH)
- 1156. Attending Behavior of Mental Retardates; Leif G. Terdal, Oregon University Medical School, Portland; 6/66 (Initial); \$2,929 (NIMH)
- 1157. The Experimental Analysis of Vocational Behavior in Moderately Retarded Males; James Crossen, University of Oregon, Eugene; 6/1/66-2/28/67 (Initial); \$8,177 (OE)
- 1158. Rehabilitation Services for Retarded Students Through Special Occupational Training; Eugene School District No. 4, Eugene; 1/1/66-12/31/66 (Renewal); \$27,932. (VRA)
- 1159. A Work Experience Program for the Mentally Retarded in their Last Year of School; Goodwill Industries, Portland; 12/1/65-11/30/66 (Renewal); \$35,964. (VRA)
- 1160. Vocational Rehabilitation of Physically Handicapped and/or Mentally Handicapped Youth; Lane County Youth Study Board, Eugene; 12/1/65-11/30/66 (Renewal); \$15,615. (VRA)
- 1161. Peer Knowledge & Subsequent Adjustments of Mentally Retarded Youth; University of Oregon, Eugene; 6/1/66-5/31/67 (Initial); \$39,995. (VRA)
- 1162. Rehabilitation Research and Training Center in Mental Retardation; University of Oregon, Eugene; 3/1/66-2/28/67 (Initial); \$100,000. (VRA)

Training

- 1163. Mental Retardation Clinical Services Development; University of Oregon School of Education, Eugene; 11/1/65-10/31/66 (Initial); \$20,859. (DCD)
- 1164. Human Genetics; Robert D. Koler, University of Oregon Medical School, Portland; 7/66-6/71 (Initial); \$24,245 (NICHD)
- 1165. Inservice Training, Mental Retardation; Columbia Park State Home, The Dalles; 7/65 (Initial); \$25,000. (NIMH)
- 1166. Inservice Training, Mental Retardation; Oregon Fairview Home, Salem; 7/65 (Initial); \$24,888. (NIMH)
- 1167. Preparation of Professional Personnel in the Education of Handicapped Children; Oregon College of Education, Monmouth; 6/1/66-6/30/67 (Initial); \$7,200. (OE)
- 1168. Preparation of Professional Personnel in the Education of Handicapped Children; Portland State College, Portland; 6/1/66-6/30/67 (Initial); \$34,800. (OE)
- 1169. Preparation of Professional Personnel in the Education of Handicapped Children; University of Oregon, Eugene; 6/1/66-6/30/67 (Initial); \$73,600. (OE)
- 1170. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$28,000. (OE)
- 1171. Genetics Study; University of Oregon, Portland; FY 1966 (Renewal); \$75,390. (CB)

Oregon (cont'd)

1172. Field Instruction of Rehabilitation Counseling Students; University of Oregon, Eugene; 9/1/65-8/31/66 (Renewal); \$22,702. (VRA)
1173. See R & D (VRA) Special Centers Program

Construction

1174. Pearl Buck School, Eugene; 6/2/66 (Initial); \$100,000. (DHMF)

Other

1175. Mental Retardation Planning and Implementation; Oregon Board of Control, Salem; 1/1/66-6/30/68 (Initial); \$28,446 (DCD)
1176. Maternity and Infant Care; State Board of Health, Portland; FY 1966 (Renewal); \$109,887. (CB)
1177. Evaluation of Guthrie Method; Board of Health, Portland; FY 1966 (Renewal); \$23,434. (CB)

PENNSYLVANIA

Research and Demonstration

1178. Ventilatory Response of the Newborn to Acidosis; Taylor, Paul Mitchell; Magee-Women's Hospital; Pittsburgh; 1/66-12/66 (Renewal); \$10,481. (NICHD)
1179. A Study of Meiotic and Mitotic Chromosomes in Man; Punnett, Hope H., St. Christopher's Hospital for Children; Philadelphia; 5/66-4/68 (Renewal); \$23,950. (NICHD)
1180. Effects of RNA and DNA on Embryonic Cephalic Terata; Hillman, Nina W., Temple University, Philadelphia; 6/66-5/67 (Renewal); \$25,455. (NICHD)
1181. Pulmonary Physiology in Newborn Infants; Polgar, George; University of Pennsylvania, Philadelphia; (Renewal) 4/66-3/68 \$25,750 (NICHD)
1182. Development of Liver Enzymes; Nemeth, Andrew M., University of Pennsylvania, Philadelphia; 9/65-8/67 (Renewal); \$12,318 (NICHD)
1183. Human Chromosomal Aneuploidy; Mellman, William J., University of Pennsylvania; Philadelphia; 6/66-5/68 (Renewal); \$23,991. (NICHD)
1184. Placental Exchange, Particularly with O₂ and CO; Longo, Lawrence D., University of Pennsylvania; Philadelphia; 1/66-12/70 (Initial); \$24,186. (NICHD)
1185. Lab Indices of Human Fetoplacental Function; Carrington, Elsie R., Woman's Medical College of Pennsylvania; Philadelphia; 6/66-5/69 (Initial); \$28,271. (NICHD)
1186. Autonomic Dysfunction in Phenylketonuria; Ira M. Steisel, St. Christopher's Hospital for Children, Philadelphia; 9/65-8/66 (Initial); \$38,380. (NICHD)

Pennsylvania (cont'd)

- 1187. Biochemical Studies in Amaurotic Idiocy; Mona Spiegel-Adolf, Temple University; Philadelphia; 7/65-6/66 (Initial); \$24,242 (NICHD)
- 1188. The Enzymatic Formation of Pyridoxal Phosphate; David B. Coursin, St. Joseph Hospital, Lancaster; 4/65-3/67 (Renewal); \$22,956. (NINDB)
- 1189. Ventilatory Assistance in Respiratory Distress Syndromes, Incillary Study to Grant NB-2367; Thomas R. Boggs, Jr., Pennsylvania Hospital, Philadelphia; 9/65-8/66 (Renewal); \$31,585. (NINDB)
- 1190. Endogenous Organic Anions: Their Role in the Pathogenesis of Kernicterus; Thomas R. Boggs, Jr., Pennsylvania Hospital, Philadelphia; 1/65-12/65 (Renewal); \$37,924. (NINDB)
- 1191. Collaborative Study of Cerebral Palsy; Alfred M. Bongiovanni, The Children's Hospital of Philadelphia, Philadelphia; 10/65-9/66 (Renewal); \$484,931. (NINDB)
- 1192. Collaborative Study of Cerebral Palsy; S. Leon Israel, Pennsylvania Hospital, Philadelphia; 6/65-5/67 (Renewal); \$508,806. (NINDB)
- 1193. Study of Brain Histology in the Perinatal Period; Helena E. Riggs, Philadelphia General Hospital, Philadelphia; 9/65-8/66 (Renewal); \$10,350. (NINDB)
- 1194. Vitamin B6 and Central Nervous System Function; David B. Coursin, St. Joseph Hospital, Lancaster; 6/65-5/66 (Initial); \$48,420. (NINDB)
- 1195. Community Planning for Retarded; Lawrence R. Kroner, Laurelton State School and Hospital, Laurelton; 7/65 (Renewal); \$12,753. (NIMH)
- 1196. Improvement of Psycho-Sensory Habilitation Services; Leopold A. Potkonski, Pennshurst State School and Hospital, Spring City; 6/66 (Initial); \$100,000. (NIMH)
- 1197. Staff Behaviors and Mental Retardate Rehabilitation; Daryl G. Nichols, American Institute for Research, Pittsburgh; 8/65 (Renewal); \$33,553 (NIMH)
- 1198. Studying Learning Patterns of Mental Retardates; Douglas K. Candland, Bucknell University, Lewisburg; 3/1/65-2/28/67 (Renewal); \$22,303. (OE)
- 1199. Evaluation of Sensory-Motor Articulation Therapy; The Pennsylvania State University, University Park; 5/1/66-4/30/67 (Renewal); \$39,778. (CB)
- 1200. Automation in Vocational Training of Mentally Ill and/or Retarded Adolescents; Devereux Foundation, Devon; 10/1/64-9/30/65 (Renewal); \$3,000 (VRA)
- 1201. A Transitional Program for Institutionalized Adult Retarded; Elwyn School, Elwyn; 4/1/66-3/31/67 (Renewal); \$50,100. (VRA)
- 1202. Technoma Workshop Demonstration Project; Technoma Workshop, Pittsburgh; 4/1/66-3/31/67 (Renewal); \$60,455. (VRA)

Training

- 1203. Summer Work Experience Program; Elwyn School, Media; 6/22/66-12/31/66 (Initial); \$11,768 (DCD)
- 1204. Student Employee Manpower Training; Lauretton State School and Hospital, Lauretton; 6/1/66-12/31/66 (Initial); \$11,000. (DCD)
- 1205. Training Grant in Support of a Social Work Unit in Mental Retardation; University of Pennsylvania, Graduate School of Social Work, Pittsburgh; 7/1/66-6/30/71 (Initial); \$41,505. (DCD)

Pennsylvania (cont'd)

- 1206. Biochemical Changes in Human Chromosomal Aneuploidy; William J. Mellman, University of Pennsylvania; Philadelphia; 1/66-12/66 (Renewal); \$18,835. (NICHD)
- 1207. Viruses as Causes of Birth Defects; Ralph B.L. Gwarkin, University of Pennsylvania, Philadelphia; 12/65-11/66 (Renewal); \$14,701. (NICHD)
- 1208. Growth of Infants with Chromosomal Aberrations; Francis E. Johnston, University of Pennsylvania, Philadelphia; Not yet activated. (Initial); \$10,966. (NICHD)
- 1209. Mechanism and Treatment of Pulmonary Edema in Newborn; Paul Mitchell Taylor, University of Pittsburgh, Pittsburgh; 7/66-6/67 (Renewal); \$22,182. (NICHD)
- 1210. Inservice Training, Mental Retardation; Ebensburg State School and Hospital, Ebensburg; 7/65 (Renewal); \$21,072. (NIMH)
- 1211. Inservice Training, Mental Retardation; Western State School and Hospital, Canonsburg; 7/65 (Initial); \$24,189. (NIMH)
- 1212. Preparation of Professional Personnel in the Education of Handicapped Children; Bloomsburg State College, Bloomsburg; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1213. Preparation of Professional Personnel in the Education of Handicapped Children; Clarion State College, Clarion; 6/1/66-6/30/67 (Initial); \$28,800. (OE)
- 1214. Preparation of Professional Personnel in the Education of Handicapped Children; Duquesne University, Pittsburgh; 6/1/66-6/30/67 (Initial); \$42,000 (OE)
- 1215. Preparation of Professional Personnel in the Education of Handicapped Children; Edinboro State College, Edinboro; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1216. Preparation of Professional Personnel in the Education of Handicapped Children; Mansfield State College, Mansfield; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
- 1217. Preparation of Professional Personnel in the Education of Handicapped Children; Marywood College, Scranton; 6/1/66-6/30/67 (Initial); \$21,600. (OE)
- 1218. Preparation of Professional Personnel in the Education of Handicapped Children; Millersville State College, Millersville; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1219. Preparation of Professional Personnel in the Education of Handicapped Children; Pennsylvania State University, University Park; 6/1/66-6/30/67 (Initial); \$62,800. (OE)
- 1220. Preparation of Professional Personnel in the Education of Handicapped Children; Slippery Rock State College, Slippery Rock; 6/1/66-6/30/67 (Initial); \$28,800. (OE)
- 1221. Preparation of Professional Personnel in the Education of Handicapped Children; University of Pittsburgh; 6/1/66-6/30/67 (Initial); \$56,000 (OE)

Pennsylvania (cont'd)

- 1222. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$39,200 (OE)
- 1223. Personnel Training for Handicapped Children; St. Christopher's Hospital, Philadelphia; FY 1966 (Renewal); \$296,112. (CB)
- 1224. Social Work Fellowships in Mental Retardation; Bryn Mawr College; FY 1966 (Initial); \$15,280. (CB)
- 1225. Internships for Rehabilitation Counseling and Psychology Students; The Devereux Foundation, Devon; 9/1/65-8/31/66 (Renewal); \$116,315. (VRA)

Construction

- 1226. Allied Services Community Residential Center for the Mentally Retarded; Scranton; 6/7/66 (Initial); \$105,184. (DHMF)
- 1227. Mercer County Sheltered Workshop, Sharpville; 6/9/66 (Initial); \$142,182. (DHMF)
- 1228. Clelian Heights School for Exceptional Children, Greensburg; 6/7/66 (Initial); \$123,200. (DHMF)
- 1229. Handi-Crafters, Inc., Calm; 6/22/66 (Initial); \$128,264. (DHMF)

Other

- 1230. Mental Retardation Planning and Implementation; Pennsylvania Department of Public Welfare, Harrisburg; 7/1/66-12/31/68 (Initial); \$9,939. (DGD)
- 1231. Comprehensive Care to Children with Handicapping, Physical and/or Mental Deficits, Children's Hospital of Philadelphia; Department of Health, Harrisburg; FY 1966 (Renewal); \$183,996. (CB)
- 1232. Developmental Mental Retardation Clinic, Pittsburgh Children's Hospital; Department of Health, Harrisburg; 3/1/66-6/30/66 (Initial); \$52,424. (CB)
- 1233. Maternity and Infant Care; Philadelphia Department of Public Health; FY 1966 (Renewal); \$1,339,497 (CB)
- 1234. Maternity and Infant Care; Allegheny County Health Department; 11/1/65-6/30/66 (Initial); \$276,495. (CB)
- 1235. Establishment of a Work-Study Program for the Mentally Retarded in Secondary Schools of Delaware County; Elwyn School, Media; 6/1/66 (Initial); \$62,541. (VRA)
- 1236. Workshop Improvement Grant; Delaware County Association for Retarded Children, Lansdowne; 6/30/66-6/29/67 (Initial); \$37,441. (VRA)
- 1237. Workshop Improvement Grant; Devereux Foundation, Devon; 6/25/66-6/24/67 (Initial); \$73,032. (VRA)

PUERTO RICO

Research and Demonstration

- 1238. Hormonal Studies in Hyperbilirubinemia; Colon-Rivera, Egidio S., San Juan City Hospital, San Juan; 6/66-5/69 (Initial); \$29,400 (NICHD)

Puerto Rico (cont'd)

- 1239. The Successful Retardate: Psychosocial Factors in Vocational Rehabilitation; Division of Vocational Rehabilitation, Hato Rey; 1/1/65-3/31/66 (Renewal); \$4,960. (VRA)
- 1240. Inter-American Conference on Mental Retardation; National Institute of Child Health and Human Development, Rio Piedras; 7/1/65-6/30/66 (Initial); \$15,000. (VRA)

Training

- 1241. CNS, Biochem., and Cardiovascular Alterations in Asphyxis; Helen D. Rodriguez-de-Curet, Laboratory of Perinatal Physiology, San Juan; 6/66-6/67 (Initial); \$8,400. (NICHD)
- 1242. Inservice Training, Mental Retardation; Instituto Psicopedagogico de Puerto Rico, San Juan; 7/65 (Renewal); \$11,100. (NIMH)
- 1243. Preparation of Professional Personnel in the Education of Handicapped Children; University of Puerto Rico; 6/1/66-6/30/67 (Initial); \$43,200. (OE)
- 1244. Field Instruction of Social Work Students; University of Puerto Rico, Rio Piedras; 6/15/66-6/14/67 (Renewal); \$27,837. (VRA)
- 1245. Rehabilitation of the Mentally Retarded; Catholic University of Puerto Rico, Ponce; 5/15/66-9/30/66 (Initial); \$7,900. (VRA)

Construction

- 1246. Psychopedagogic Institute of Puerto Rico; Bayamon; 3/17/66 (Initial); \$393,032. (DHMF)

Other

- 1247. Mental Retardation Planning and Implementation; Puerto Rico Department of Health, San Juan; 1/1/66-6/30/68 (Initial); \$35,000. (DCD)
- 1248. Maternity and Infant Care, Ponce; Insular Department of Health, San Juan; FY 1966 (Renewal); \$826,956. (CB)
- 1249. Maternity and Infant Care, San Juan; Insular Department of Health, San Juan; FY 1966 (Renewal); \$1,462,966. (CB)

RHODE ISLAND

Research and Demonstration

- 1250. Perinatal Thyroid Function in Relation to Maturation; Man, Evelyn B., Brown University, Providence; 10/65-9/66 (Renewal); \$49,146. (NICHD)
- 1251. Human Neonatal EEG Correlates of Neuromorphology; Bartoshuk, Alexander K., Brown University, Providence; 9/65-8/68 (Renewal); \$20,858. (NICHD)
- 1252. Thyroid Study in Select High Risk Pregnancy Groups; Jones, Walter S., Brown University, Providence; 6/66-5/67 (Renewal); \$12,846. (NICHD)

Rhode Island (cont'd)

- 1253. Learning and Transfer in Discriminations by Retardates; Bryan E. Shepp, Brown University, Providence; 4/66-3/68 (Renewal); \$24,542. (NICHD)
- 1254. Neonatal Assessments and Follow-up Validations; Judy F. Rosenblith, Brown University, Providence; 6/66-5/70 (Renewal); \$17,455. (NICHD)
- 1255. Sensory Discrimination and Learning in Human Infants; Lewis P. Lipsitt, Brown University, Providence; 9/65-8/66 (Renewal); \$54,932. (NINDB)
- 1256. Neonatal Assessments and Follow-up Validations; Judy F. Rosenblith, Brown University, Providence; 6/65-5/66 (Renewal); \$12,891. (NINDB)
- 1257. Intensive Programming for the Profoundly Retarded; John G. Smith, Dr. Joseph H. Ladd School, North Kingstown; 7/65 (Renewal); \$81,288. (NIMH)

Training

- 1258. A Planning Grant for a Comprehensive University Mental Retardation Training Project; Brown University, Providence; 11/1/65-10/31/66 (Initial); \$22,006. (DCD)
- 1259. Summer Work Program in Mental Retardation; Brown University, Providence; 6/1/66-12/31/66 (Initial); \$4,650. (DCD)
- 1260. Educational Series on Mental Retardation for Rhode Island; Brown University, Providence; 10/1/65-9/30/66 (Initial); \$3,198. (DCD)
- 1261. Short-Term Training Program on Mental Retardation; Brown University, Providence; 7/1/66-6/30/67 (Initial); \$8,202. (DCD)
- 1262. Inservice Training, Mental Retardation; Dr. Joseph H. Ladd School, North Kingstown; 7/65 (Renewal); \$24,948. (NIMH)
- 1263. Preparation of Professional Personnel in the Education of Handicapped Children; Rhode Island College, Providence; 6/1/66-6/30/67 (Initial); \$46,000. (OE)
- 1264. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$18,400. (OE)

Construction

- 1265. Dr. Joseph H. Ladd School, Exeter; 6/21/66 (Initial); \$103,088. (DHMF)

Other

- 1266. Mental Retardation Planning and Implementation; Rhode Island Department of Health, Providence; 3/1/66-12/31/67 (Initial); \$35,000. (DCD)
- 1267. Evaluation and Treatment Unit for Deviant Children Under Six; State Department of Health, Providence; FY 1966 (Renewal); \$100,908. (CB)
- 1268. Maternity and Infant Care; State Department of Health, Providence; 6/1/66-6/30/67 (Initial); \$177,095. (CB)
- 1269. Mental Retardation Clinic; Department of Health, Providence; FY 1966 (Renewal); \$68,300. (CB)

Rhode Island (cont'd)

1270. Dental Care Program for Retarded Children; Department of Health, Providence; FY 1966 (Renewal); \$47,201. (CB)

SOUTH CAROLINA

Research and Demonstration

1271. Developing a Master Plan for Comprehensive Community Services for the Mentally Retarded; South Carolina Retarded Children Habilitation Center, Charleston; 10/15/65-12/31/68 (Renewal); \$42,515. (DCD)
1272. Comprehensive Evaluation of Mentally Retarded Inpatients and Waiting List; Edward A. Rondeau, Pineland State Training School and Hospital, Columbia; 1/66 (Initial); \$99,331 (NIMH)
1273. Occupational Training & Evaluation Center for the Mentally Retarded; Benevolent & Protective Order of Elks, Charleston; 7/1/65-6/30/66 (Renewal); \$16,709. (VRA)
1274. Social Adjustment Center; Retarded Children's Habilitation Center, Charleston; 6/1/66-6/30/67 (Initial); \$75,282. (VRA)
1275. Coordinated Program of Special Education and Vocational Rehabilitation Services for the Mentally Retarded; Richland County School District No. 1, Columbia; 7/1/65-6/30/66 (Renewal); \$24,518. (VRA)

Training

1276. University Training in Mental Retardation; University of South Carolina, Columbia; 9/1/66-8/31/71 (Initial); \$31,428. (DCD)
1277. Inservice Training, Mental Retardation; Pineland State Training School and Hospital, Columbia; 7/65 (Renewal); \$25,000. (NIMH)
1278. Preparation of Professional Personnel in the Education of Handicapped Children; University of South Carolina; 6/1/66-6/30/67 (Initial); \$11,200. (OE)
1279. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$27,970. (OE)

Construction

1280. South Carolina Retarded Children's Habilitation Center, Summerville; 6/8/66 (Initial); \$362,813. (DHMF)

Other

1281. Mental Retardation Planning and Implementation; Governor's Interagency Council on Mental Retardation, Columbia; 1/1/66-12/31/67 (Initial); \$33,160. (DCD)

South Carolina (cont'd)

- 1282. Child Evaluation Clinic; Board of Health, Columbia; FY 1966 (Renewal); \$30,000. (CB)
- 1283. Maternity and Infant Care, Charleston; State Board of Health, Columbia; 1/1/66-6/30/67 (Initial); \$856,744. (CB)
- 1284. Maternity and Infant Care, Greenville; State Board of Health, Columbia; 6/1/66-6/30/67 (Initial); \$418,235. (CB)

SOUTH DAKOTA

Research and Demonstration

- 1285. Potentials Development for Independent Living; Howard J. Chinn, Redfield State Hospital, Redfield; 7/65 (Renewal); \$100,000. (NIMH)
- 1286. Coordinated Program of Special Education & Vocational Rehabilitation Services for the Mentally Retarded; Division of Vocational Rehabilitation, Pierre; 7/1/65-6/30/66 (Renewal); \$23,557. (VRA)

Training

- 1287. Student Summer Work Program in Mental Retardation; University of South Dakota, Vermillion; 6/1/66-12/31/66 (Initial); \$3,696. (DCD)
- 1288. Student Summer Work Program; Redfield State Hospital and School; 6/1/66-12/31/66 (Initial); \$5,302. (DCD)
- 1289. Inservice Training, Mental Retardation; Redfield State Hospital and School, Redfield; 7/65 (Renewal); \$24,948. (NIMH)
- 1290. Preparation of Professional Personnel in the Education of Handicapped Children; Northern State College, Aberdeen; 6/1/66-6/30/67 (Initial); \$10,800. (OE)
- 1291. Preparation of Professional Personnel in the Education of Handicapped Children; University of South Dakota, Vermillion; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1292. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$14,400. (OE)

Construction

- 1293. Adjustment Training Center, Sioux Falls; 6/20/66 (Initial); \$300,000. (DHMF)

Other

- 1294. Mental Retardation Planning and Implementation; South Dakota Department of Health, Pierre; 1/1/66-6/30/68 (Initial); \$33,963. (DCD)

TENNESSEE

Research and Demonstration

1295. A Proposed Project to Demonstrate the Effectiveness of an Environmental Stimulation Service Program with Severely and Profoundly Retarded Non-Ambulatory Residents at Clover Bottom Hospital and School; Clover Bottom Hospital and School, Donnelson; 7/1/66-6/30/69 (Initial); \$62,825. (DCD)
1296. Diagnostic and Demonstration Clinic in Mental Retardation; The Department of Pediatrics, Meharry Medical College, Nashville; 3/1/64-2/28/69 (Renewal); \$91,757. (DCD)
1297. Pituitary-Adrenal Function in Hydrocephalus; Franks, Robert C., Vanderbilt University, Nashville; 5/66-4/68 (Renewal); \$11,580. (NICHD)
1298. Development of Problem-Solving Strategies; Odom, Richard D., Vanderbilt University, Nashville; 9/65-8/67 (Initial); \$14,550. (NICHD)
1299. Research Program on Retarded Intellectual Development; Lloyd M. Dunn, George Peabody College for Teachers, Nashville; 6/66-5/71 (Renewal); \$214,819. (NICHD)
1300. Production of Kernicterus in Newborn Rabbits; Robert S. Rhodes, Meharry Medical College, Nashville; 1/66-12/67 (Renewal); \$9,398 (NICHD)
1301. Cytogenetics in Mental Defectives with Anomalies; Robert L. Summitt, University of Tennessee, Memphis; 10/65-9/67 (Renewal); \$15,126. (NICHD)
1302. Contingent Cortical D.C. Changes in Retarded Children; William G. Steiner, University of Tennessee, Knoxville; 6/66-5/69 (Initial); \$46,920. (NICHD)
1303. Cystathionine Metabolism in Brain; Fountaine Christina Brown, University of Tennessee, Memphis; 1/65-8/66 (Renewal); \$3,716. (NINDB)
1304. Collaborative Studies in Cerebral Palsy and Other Neurological and Sensory Disorders in Infancy and Childhood; James G. Hughes, The University of Tennessee Medical Units, Memphis; 9/65-8/66 (Renewal); \$438,084. (NINDB)
1305. Improved Resident Reevaluation and Outpatient Services; Bettye S. Schurter, Clover Bottom Hospital and School, Donelson; 7/65 (Renewal); \$74,116. (NIMH)
1306. Programming for the Higher Functioning Retardate; Arthur K. Husband, Greene Valley Hospital and School, Greeneville; 2/66 (Initial); \$92,249. (NIMH)
1307. Reinforcement Functions in the Mentally Retarded; Robert Orlando, George Peabody College for Teachers, Nashville; 9/65 (Initial); \$20,035. (NIMH)
1308. Discrimination Shifts in the Mentally Retarded; Laird W. Heal, George Peabody College for Teachers, Nashville; 6/66 (Initial); \$3,500. (NIMH)
1309. Efficacy of Several Approaches for Teaching Reading to the Educable Mentally Retarded; Dr. Richard W. Woodcock, Institute on Retarded Intellectual Development, George Peabody College for Teachers, Nashville; 6/1/64-5/31/67 (Renewal); \$27,857. (OE)

Tennessee (cont'd)

- 1310. Sensory-Perceptual Language Training to Prevent School Learning Disabilities in Culturally Deprived Preschool Children; Dr. Freeman McConnell, the Bill Wilkerson Hearing and Speech Center, New York; 6/1/65-5/31/67 (Renewal); \$17,845. (OE)
- 1311. A Study of the Relationship of Certain Aspects of Color Vision to Educable Mentally Retarded Children; Dr. Irl B. Krause, Memphis State University, Memphis; 6/15/66-6/14/67 (Initial); \$7,470. (OE)
- 1312. Coordinated Program of Vocational Rehabilitation and Special Education Services for Mentally Retarded; Board of Education, Memphis; 8/1/65-7/31/66 (Renewal); \$31,869. (VRA)
- 1313. Coordinated Program of Special Education and Vocational Training Services for the Mentally Retarded; Chattanooga Public Schools; 7/1/65-6/30/66 (Renewal); \$30,777. (VRA)

Training

- 1314. A Summer Service-Study Program; George Peabody College for Teachers and Clover Bottom Hospital School, Donelson; 6/1/66-5/31/69 (Initial); \$6,950. (DCD)
- 1315. Student Training Program in Mental Retardation; Meharry Medical College (Peds), Nashville; 7/1/66-12/31/66 (Initial); \$3,348. (DCD)
- 1316. Mental Retardation Training for Graduate Psychology Students; Memphis State University, Memphis; 9/1/66-8/31/71. (Initial); \$22,594. (DCD)
- 1317. Summer Work Experience Students; University of Tennessee Medical Units; 6/1/66-12/31/66 (Initial); \$2,700. (DCD)
- 1318. Institute on Psychological Evaluation of Mental Retardation with Particular Emphasis on Associated Brain Damage; University of Tennessee College of Medicine, Memphis; 1/1/66-4/30/66 (Initial); \$10,362. (DCD)
- 1319. Planning Grant for Development of a University Affiliated Mental Retardation Training Career; University of Tennessee Medical Units, Memphis; 11/1/65-4/30/67 (Renewal); \$23,330. (DCD)
- 1320. Psychology; Lloyd M. Dunn, George Peabody College for Teachers, Nashville; 7/65-6/67 (Renewal); \$100,427. (NICHD)
- 1321. Temporal Factors in Retardate Discrimination Learning; Ann Marie Schoelkopf, George Peabody College for Teachers; Nashville; 9/65-8/66 (Renewal); \$500. (NICHD)
- 1323. Human Cytogenetics as Related to Abnormal Development; Robert Lee Atnip, University of Tennessee; Memphis; 1/66-12/66 (Renewal); \$8,500. (NICHD)
- 1324. Pathophysiology of Respiratory Distress Syndrome; Mildred T. Stahlman, Vanderbilt University, Nashville; 1/66-12/66 (Renewal); \$23,181. (NICHD)
- 1325. Inservice Training, Mental Retardation; Clover Bottom Hospital and School, Donelson; 7/65 (Renewal); \$24,406. (NIMH)
- 1326. Preparation of Professional Personnel in the Education of Handicapped Children; George Peabody College, Nashville; 6/1/66-6/30/67 (Initial); \$105,600. (OE)
- 1327. Preparation of Professional Personnel in the Education of Handicapped Children; Memphis State University, Memphis; 6/1/66-6/30/67 (Initial); \$15,000. (OE)

Tennessee (cont'd)

- 1328. Preparation of Professional Personnel in the Education of Handicapped Children; University of Tennessee, Knoxville; 6/1/66-6/30/67(Initial); \$46,000. (OE)
- 1329. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$48,000. (OE)
- 1330. Technical Proficiency and Expanded Service in Chromosome Analysis; Vanderbilt University, Nashville; FY 1966 (Renewal); \$25,961. (CB)
- 1331. University of Tennessee--Child Development Clinic; Department of Public Health, Nashville; FY 1966 (Renewal); \$225,385. (CB)
- 1332. Training Unit for Mentally Retarded Children in a Neighborhood Community Center; University of Tennessee School of Social Work; Nashville; 7/1/66-6/30/67 (Initial); \$13,403. (CB)
- 1333. Audiology and Speech Training; Vanderbilt University, Nashville; FY 1966 (Renewal); \$91,104. (CB)
- 1334. Genetics Laboratory; University of Tennessee; Memphis; FY 1966 (Renewal); \$33,837. (CB)

Construction

- 1335. Diagnostic, Evaluation and Day Care Center for Clover Bottom Hospital and School, Donelson; 6/8/66 (Initial); \$209,761. (DHMF)
- 1336. University of Tennessee, Knoxville; 3/30/66 (Initial); \$3,199,710. (DHMF)

Other

- 1337. Chattanooga Mental Retardation Project; Department of Public Health, Nashville; 6/1/66-6/30/66 (Initial); \$4,965. (CB)
- 1338. Establishment of a Rehabilitation Facility-Van Guilder Occupational Training Center for the Mentally Retarded; Tennessee Division of Vocational Rehabilitation; 10/28/65 (Initial); \$45,280. (VRA)

TEXAS

Research and Demonstration

- 1339. Developmental-Recreation Program for Mental Retardates; The Abilene State School, Abilene; 5/1/66-4/30/71 (Initial); \$68,318. (DCD)
- 1340. Information, Counseling, and Referral Service for Mentally Retarded and Their Families for Metropolitan Dallas; The Dallas Association for Retarded Children, Dallas; 5/1/66-4/30/69 (Initial); \$17,550. (DCD)
- 1341. Film Series for Training Mentally Retarded Adolescents and Adults in Health and Social Adjustment Problems; Houston Council for Retarded Children, Inc., Houston; 11/1/66-10/31/67 (Initial); \$20,000 (DCD)

Texas (cont'd)

- 1342. The Improvement and Expansion of Diagnostic, Evaluative, and Preventive Services for Mentally Retarded Children; The Incarnate Word College, San Antonio; 9/1/66-8/31/69 (Initial); \$69,745. (DCD)
- 1343. Biochemical Effects of Human Chromosomal Aberrations; Winfrid Krone, Graduate Research Center of Southwest, Dallas; 8/65-7/68 (Initial); \$38,714 (NICHD)
- 1344. Thyroid Function in Mongoloid Children; James F. Marks, University of Texas, Dallas; 1/66-6/66 (Renewal); \$3,000. (NICHD)
- 1345. Bilirubin Disposition in the Newborn; Steven Schenker, University of Texas Southwestern Medical School, Dallas; 9/65-8/66 (Renewal); \$46,714 (NINDB)
- 1346. Child Development and Training Service; E.W. Killian, Denton State School, Denton; 7/65 (Renewal); \$100,000. (NIMH)
- 1347. Development of Child Care Service; William T. Lawler, Travis State School, Austin; 7/65 (Renewal); \$92,482. (NIMH)
- 1348. Development of a Resident Training Service; Vernon Jones, Mexia State School, Mexia; 7/65 (Renewal); \$92,642. (NIMH)
- 1349. Intensive Socialization Program for Mildly Retarded; Philip Roos, Austin State School, Austin; 7/65 (Renewal); \$85,768. (NIMH)
- 1350. Physical Development Program for Mental Retardates; L.W. Cain, Abilene State School, Abilene; 9/65 (Initial); \$49,998. (NIMH)
- 1351. Social Development Program for Mental Retardates; L.W. Cain, Abilene State School, Abilene; 9/65 (Initial); \$49,997. (NIMH)
- 1352. Variables Affecting Verbal Learning by Retardates; James R. Hawker, Austin State School, Austin; 9/65 (Initial); \$4,197. (NIMH)
- 1353. Use of Volunteers as Trainers of Retarded Children; Philip Roos, Austin State School, Austin; 1/66 (Initial); \$25,398. (NIMH)
- 1354. Integration of Stimulus Cues by Normal and Mentally Retarded Children; Dr. Claude B. Elam, Texas Christian University, Fort Worth; 8/1/64-9/30/66 (Renewal); \$28,750. (OE)
- 1355. Occupational Training Center for the Mentally Retarded; Caruth Memorial Rehabilitation Center, Dallas; 2/1/66-1/31/67 (Initial); \$61,900. (VRA)
- 1356. Rehabilitation Research and Training Center in Mental Retardation; University of Texas, Austin; 4/15/66-5/31/67 (Renewal); \$200,000. (VRA)

Training

- 1357. Student Work Program; Austin State School, Austin; 6/1/66-12/31/66 (Initial); \$20,630. (DCD)
- 1358. Development of a Coordinated Multi-disciplinary Program in Mental Retardation at Texas Woman's University; Texas Woman's University, Denton; 9/1/66-8/31/67 (Initial); \$15,492. (DCD)
- 1359. A Short Training Course for Dental Professionals in the Organization of Programs and Treatment of the Handicapped; Texas Institute for Rehabilitation and Research, Texas Medical Center, Houston; 5/1/66-12/31/66 (Initial); \$15,893. (DCD)
- 1360. Student Work Experience in Mental Retardation; University of Texas Medical Branch; Department of Peds, Galveston; 6/1/66-12/31/66 (Initial); \$10,529. (DCD)

Texas (cont'd)

- 1361. Planning Project - Training Professional Personnel in Mental Retardation; University of Texas Medical Branch, Galveston; 7/1/66-6/30/67 (Initial); \$30,995. (DCD)
- 1362. Graduate Social Work Student Training Project in Mental Retardation; Worden School of Social Work, Our Lady of the Lake College, San Antonio; 7/1/66-6/30/71 (Initial); \$32,118. (DCD)
- 1363. Inservice Training, Mental Retardation; Abilene State School, Abilene; 7/65 (Renewal); \$24,688. (NIMH)
- 1364. Inservice Training, Mental Retardation; Austin State School, Austin; 7/65 (Renewal); \$24,656 (NIMH)
- 1365. Inservice Training, Mental Retardation; Denton State School, Denton; 7/65 (Initial); \$23,692. (NIMH)
- 1366. Inservice Training, Mental Retardation; Lufkin State School, Lufkin; 7/65 (Initial); \$24,976. (NIMH)
- 1367. Inservice Training, Mental Retardation; Mexia State School, Mexia; 7/65 (Renewal); \$23,716. (NIMH)
- 1368. Inservice Training, Mental Retardation; Travis State School, Austin; 7/65 (Renewal); \$23,724. (NIMH)
- 1369. Preparation of Professional Personnel in the Education of Handicapped Children; Hardin-Simmons University, Abilene; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1370. Preparation of Professional Personnel in the Education of Handicapped Children; Incarnate Word College, San Antonio; 6/1/66-6/30/67 (Initial); \$10,800. (OE)
- 1371. Preparation of Professional Personnel in the Education of Handicapped Children; Lamar State College of Technology, Beaumont; 6/1/66-6/30/67 (Initial); \$25,200. (OE)
- 1372. Preparation of Professional Personnel in the Education of Handicapped Children; Texas Technological College, Lubbock; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
- 1373. Preparation of Professional Personnel in the Education of Handicapped Children; Texas Women's University, Denton; 6/1/66-6/30/67 (Initial); \$25,600. (OE)
- 1374. Preparation of Professional Personnel in the Education of Handicapped Children; University of Houston; 6/1/66-6/30/67 (Initial); \$29,200 (OE)
- 1375. Preparation of Professional Personnel in the Education of Handicapped Children; University of Texas, Austin; 6/1/66-6/30/67 (Initial); \$72,000. (OE)
- 1376. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$47,700. (OE)
- 1377. Mental Evaluation Clinic; Baylor University, Houston; FY 1966 (Renewal); \$174,256. (CB)
- 1378. Congenital Rubella Infection - A Follow-up Demonstration; Baylor University, Houston; FY 1966 (Initial); \$70,344. (CB)
- 1379. The Training of Graduate Students of Pedodontics in the Care of Handicapped Children; Baylor University, Houston; FY 1966 (Initial); \$34,735. (CB)

Texas (cont'd)

- 1380. The Relation of Genetic Studies to Children with Mental Retardation; University of Texas, Galveston; FY 1966 (Renewal); \$55,684. (CB)
- 1381. Field Instruction of Social Work Students; University of Texas, Austin; 9/1/65-8/31/66 (Renewal); \$23,202. (VRA)
- 1382. See Research and Demonstration (VRA) Special Centers Program

Construction

- 1383. Beaumont Community Center for Retarded Children; Beaumont; 6/6/66 (Initial); \$286,363. (DHMF)
- 1384. Amarillo Community Center for Retarded Children, Amarillo; 6/6/66 (Initial); \$286,363. (DHMF)
- 1385. Diagnostic and Evaluation Center Lubbock State School, Lubbock; 6/30/66 (Initial); \$89,600. (DHMF)
- 1386. Education and Training Unit Lubbock State School, Lubbock; 6/30/66 (Initial); \$137,760. (DHMF)
- 1387. Diagnostic and Evaluation Center Lufkin State School, Lufkin; 6/30/66 (Initial); \$89,600. (DHMF)
- 1388. Education and Training Unit Lufkin State School, Lufkin; 6/30/66 (Initial); \$137,760. (DHMF)
- 1389. Diagnostic and Evaluation Center Corpus Christi State School, Corpus Christi; 6/30/66 (Initial); \$89,600. (DHMF)
- 1390. Education and Training Unit Corpus Christi State School, Corpus Christi; 6/30/66 (Initial); \$137,760. (DHMF)
- 1391. Denton State School Education and Training Unit, Denton; 6/30/66 (Initial); \$76,363. (DHMF)
- 1392. Marbridge House, Houston; 6/30/66 (Initial); \$38,450. (DHMF)

Other

- 1393. Mental Retardation Planning and Implementation; Texas Department of Mental Health and Mental Retardation, Austin; 1/1/66-6/30/68 (Initial); \$89,200. (DCD)
- 1394. Diagnostic and Evaluation Center, Denton State School; Department of Health, Austin; FY 1966 (Renewal); \$118,210. (CB)
- 1395. Maternity and Infant Care; Grayson County Health Department; 6/1/66-6/30/67 (Initial); \$64,547. (CB)
- 1396. Maternity and Infant Care; Houston Health Department; 4/1/66-6/30/67 (Initial); \$1,565,565. (CB)
- 1397. Workshop Improvement Grant; Opportunity Workshop, Inc., Wichita Falls; 6/23/66-6/22/67 (Initial); \$40,646. (VRA)

UTAH

Research and Demonstration

- 1398. Perinatal and Developmental Pharmacology; Done, Alan Kimball; University of Utah, Salt Lake City; 4/66-12/66 (Renewal); \$19,464. (NICHD)

Utah (cont'd)

- 1399. Treatment of Severely Retarded; Guy A. Richards, Utah State Training School, American Fork; 7/65 (Renewal); \$100,000. (NIMH)
- 1400. Language Patterns of Mentally Retarded Children; Ernst G. Beier, University of Utah, Salt Lake City; 6/66 (Initial); \$4,200. (NIMH)
- 1401. Test Response Patterns which Differentiate Between Two Levels of Behavior of Mentally Retarded Children; James D. Boswell, University of Utah, Salt Lake City; 6/1/66-5/31/67 (Initial); \$7,495. (OE)
- 1402. A Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded; Division of Vocational Rehabilitation, Salt Lake City; 12/1/65-11/30/66 (Renewal); \$20,449. (VRA)

Training

- 1403. Inservice Training, Mental Retardation; Utah State Training School, American Fork; 7/65 (Renewal); \$21,800. (NIMH)
- 1404. Preparation of Professional Personnel in the Education of Handicapped Children; Brigham Young University, Provo; 6/1/66-6/30/67 (Initial); \$22,000. (OE)
- 1405. Preparation of Professional Personnel in the Education of Handicapped Children; Utah State University of Agriculture and Applied Science, Logan; 6/1/66-6/30/67 (Initial); \$49,600. (OE)
- 1406. Preparation of Professional Personnel in the Education of Handicapped Children; University of Utah, Salt Lake City; 6/1/66-6/30/67 (Initial); \$10,800. (OE)
- 1407. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$26,000. (OE)
- 1408. Improvement of Education for the Nursing Care of the Mentally Retarded; University of Utah, Salt Lake City; FY 1966 (Renewal); \$14,164. (CE)
- 1409. Field Instruction of Social Work Students; University of Utah, Salt Lake City; 9/1/65-8/31/66 (Initial); \$29,383. (VRA)

Construction

- 1410. Utah State Training School, American Fork; 6/28/66 (Initial); \$100,000. (DEMF)
- 1411. Project Development Grants; Granite School District, Salt Lake City; 6/17/66-6/16/67 (Initial); \$4,500. (VRA)

Other

- 1412. Consultative Services; Strengthening Instructional Leadership; State Education Agency, Salt Lake City; 5/4/66 (Initial); \$7,020. (OE)

VERMONT

Research and Demonstration

- 1413. Enzyme Activity in Neonatal Liver; Lucey, Jerold F., University of Vermont, Burlington; 9/65-8/66; (Renewal); \$15,959 (NICHD)
- 1414. Factors Influencing Experimental Kernicterus; Lucey, Jerold F., University of Vermont, Burlington; 2/66-1/71 (Initial); \$16,212. (NICHD)
- 1415. Physical Therapy and Recreational Therapy Improvement; Raymond M. Mulcahy, Brandon Training School, Brandon; 7/65 (Renewal); \$15,686. (NIMH)
- 1416. Occupational Training Center, Vermont Association for Retarded Children, Montpelier, 8/1/65-7/31/66 (Renewal); \$30,995. (VRA)
- 1417. Automatic & Psychomotor Parameters of Rehabilitation Potential in the Mentally Disabled, University of Vermont, Burlington; 1/1/66-12/31/66 (Initial); \$39,904. (VRA)

Training

- 1418. Inservice Training, Mental Retardation; Brandon Training School, Brandon; 7/65 (Renewal); \$21,600. (NIMH)
- 1419. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$29,600. (OE)

Construction

- 1420. Brandon Training School, Brandon; 6/24/66 (Initial); \$139,352. (DHMF)

VIRGINIA

Research and Demonstration

- 1421. A Demonstration Day-Time Development Center Project for a Suburban Community; Fairfax County Health Department, Fairfax; 3/1/65-7/31/70 (Renewal); \$91,246 (DCD)
- 1422. Catecholamine Metabolite Excretion in Neonatal Stress; Young, Reuben B., Medical College of Virginia; 5/66-4/68 (Renewal); \$15,429. (NICHD)
- 1423. Fetal and Neonatal Detoxification Mechanisms; Brown, Audrey K., University of Virginia; Charlottesville; 9/65-8/69 (Renewal); \$28,263. (NICHD)
- 1424. Newborn Serum Protein and Immunological Abnormalities; Thurman, William G., University of Virginia; Charlottesville; 1/66-12/67 (Renewal); \$13,856. (NICHD)
- 1425. Neurological Diseases of Chromosomal Etiology; James Q. Miller, University of Virginia School of Medicine, Charlottesville; 9/65-8/66 (Renewal); \$14,093. (NINDB)
- 1426. Malformations of the Nervous System; Jan Langman, University of Virginia, Charlottesville; 9/65-8/66 (Initial); \$47,648. (NINDB)

Virginia (cont'd)

- 1427. Neutron Activation Analysis in Neurological Disorders; Thomas G. Williamson, University of Virginia, Charlottesville; 1/65-11/66 (Renewal); \$16,198. (NINDB)
- 1428. Collaborative Study on Cerebral Palsy and Other Neurological and Sensory Disorders of Infancy and Childhood; H. Hudnall Ware, Medical College of Virginia, Richmond; 4/65-5/66 (Renewal); \$531,302. (NINDB)
- 1429. HIP: Recreation Department; Benedict Nagler, Lynchburg Training School and Hospital, Colony; 7/65 (Renewal); \$32,133. (NIMH)
- 1430. HIP: Pre-Vocational Training; Benedict Nagler, Lynchburg Training School and Hospital, Colony; 7/65 (Renewal); \$13,450. (NIMH)

Training

- 1431. Summer Work Experience in Mental Retardation; University of Virginia School of Medicine, (PEDS), Charlottesville; 6/1/66-12/31/66 (Initial); \$11,124. (DCD)
- 1432. Mental Retardation; Ernest E. McCoy, University of Virginia, Charlottesville; 7/66-6/71 (Initial); \$31,572. (NICHD)
- 1433. Inservice Training, Mental Retardation; Lynchburg Training School and Hospital, Colony; 7/65 (Initial); \$24,998. (NIMH)
- 1434. Social Work - Clinical Training; Richmond Professional Institute, Richmond; 7/65 (Initial); \$18,100. (NIMH)
- 1435. Preparation of Professional Personnel in the Education of Handicapped Children; Richmond Professional Institute; Richmond; 6/1/66-6/30/67 (Initial); \$10,600. (OE)
- 1436. Preparation of Professional Personnel in the Education of Handicapped Children; University of Virginia, Charlottesville; 6/1/66-6/30/67 (Initial); \$51,600. (OE)
- 1437. Preparation of Professional Personnel in the Education of Handicapped Children; Virginia State College, Petersburg; 6/1/66-6/30/67 (Initial); \$18,000. (OE)
- 1438. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$63,600. (OE)
- 1439. Children's Multiple Handicapped Diagnosis, Treatment and Evaluation Center; Department of Health, Richmond; FY 1966 (Renewal); \$109,750. (CB)

Construction

- 1440. Joseph Willard Health Center, Fairfax; 6/6/66 (Initial); \$231,000. (DHMF)
- 1441. George Mason Center, Arlington; 5/3/66 (Initial); \$103,873. (DHMF)

Other

- 1442. Clinics and Services for Mentally Retarded Children; Department of Health, Richmond; FY 1966 (Renewal); \$183,237. (CB)
- 1443. Workshop Improvement Grant; S.B. Hudgins Regional Center, Hampton; 6/30/66-6/29/67 (Initial); \$28,501. (VRA)

VIRGIN ISLANDS

Training

1444. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$5,600. (OE)

Other

1445. Mental Retardation Planning and Implementation; Virgin Islands Department of Health, Charlotte Amalie, St. Thomas; 2/1/66-6/30/68 (Initial); \$21,877. (DCD)

WASHINGTON

Research and Demonstration

1446. Evaluation and Study Project of Proprietary Nursing Home Placement of Institutionalized Adult Retardates; Fircrest School, Seattle; 7/1/64-6/30/67 (Renewal); \$51,796. (DCD)
1447. Coordinated Mental Retardation Service for Tacoma-Pierce County; Pierce County Mental Health and Retardation Corporation, Tacoma; 9/1/66-8/31/69 (Initial); \$50,040. (DCD)
1448. Physiologic Studies in Newly Born Human Infants; Oliver, Thomas K., Jr., University of Washington, Seattle; 12/65-11/67 (Renewal); \$33,779. (NICHD)
1449. Etiology of Chromosomal Aberrations; Arno G. Motulsky, University of Washington, Seattle; 7/65-6/68 (Initial); \$48,504. (NICHD)
1450. Research in Mental Retardation and Child Development; Frederick P. Thieme, University of Washington, Seattle; 6/66-6/69 (Initial); \$93,141. (NICHD)
1451. The Morphogenesis of Experimental Myeodysplasia; Lawrence H. Gordon, University of Washington, School of Medicine, Seattle; 6/65-5/66 (Renewal); \$9,862. (NINDB)
1452. Unit Training and Habilitation Program; Charles H. Martin, Rainier School, Buckley; 7/65 (Renewal); \$100,000. (NIMH)
1453. Home Care-Counseling Demonstration Project; Frank E. Junkin, Fircrest School, Seattle; 7/65 (Renewal); \$96,663. (NIMH)
1454. The Rainier School Programmed Learning Classroom; Sidney W. Bijou, University of Washington, Seattle; 9/65 (Renewal); \$14,963. (NIMH)
1455. The Rainier School Programmed Learning Classroom; Sidney W. Bijou, University of Washington, Seattle; 1/66 (Renewal); \$16,389. (NIMH)
1456. Evaluation of the Interdisciplinary Team for Professional Training and for Provision of Services to Handicapped Children; University of Washington, Seattle; 7/1/66-6/30/67 (Initial); \$52,142. (OE)
1457. Out-Plant Supervised Janitorial Services Employing the Mentally Retarded; Services, Inc., Kirkland; 7/1/65-6/30/66 (Renewal); \$15,436. (VRA)

Washington (cont'd)

Training

- 1458. Student Summer Work-Study in Mental Retardation; Rainier School, Buckley; 6/1/66-12/31/66 (Initial); \$17,366. (DCD)
- 1459. Summer Work Study Program for Washington, Oregon, and Idaho; University of Washington, School of Social Work, Seattle; 5/1/66-12/31/66 (Initial); \$16,362. (DCD)
- 1460. Clinic for Child Study; University of Washington (Ped. Dept.) Seattle; 6/15/66-12/31/66 (Initial); \$11,983. (DCD)
- 1461. A Multidisciplinary Training Center; University of Seattle, Seattle; 3/1/63-3/31/68 (Renewal); \$152,381. (DCD)
- 1462. Toxicity of Bilirubin on Cellular Metabolism; Marilyn L. Cowger, University of Washington, Seattle; 7/65-6/67 (Renewal); \$17,755. (NICHD)
- 1463. Medical Genetics; Ernest Benjamin Hook, University of Washington, Seattle; 10/65-9/66 (Initial); \$7,950. (NICHD)
- 1464. Genetic Mechanisms of Amino Acid Disorders; Clifford R. Scott, University of Washington, Seattle; 7/65-7/66 (Renewal); \$11,500. (NICHD)
- 1465. Cell Culture Techniques; Bernice Sigman, University of Washington, Seattle; 10/65-10/66 (Renewal); \$7,408. (NICHD)
- 1466. Epidemiology of Congenital Malformations; Irvin Emanuel, University of Washington, Seattle; 7/66-6/67 (Initial); \$16,509. (NICHD)
- 1467. Inservice Training, Mental Retardation; Fircrest School, Seattle; 7/65 (Initial); \$23,589. (NIMH)
- 1468. Inservice Training, Mental Retardation; Rainier School, Buckley; 7/65 (Renewal); \$23,276. (NIMH)
- 1469. Preparation of Professional Personnel in the Education of Handicapped Children; Central Washington State College, Ellensburg; 6/1/66-6/30/67 (Initial); \$14,400. (OE)
- 1470. Preparation of Professional Personnel in the Education of Handicapped Children; University of Washington, Seattle; 6/1/66-6/30/67 (Initial); \$50,400. (OE)
- 1471. Preparation of Professional Personnel in the Education of Handicapped Children; Western Washington State College, Bellingham; 6/1/66-6/30/67 (Initial); \$36,800. (OE)
- 1472. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$27,600. (OE)
- 1473. Training for Nursing in Mental Retardation; University of Washington, Seattle; FY 1966 (Renewal); \$82,537. (CB)
- 1474. Medical Fellowship Training Program in Mental Retardation; University of Washington, Seattle; FY 1966 (Initial); \$52,137. (CB)
- 1475. University of Washington, Clinic for Child Study; Dept. of Health, Olympia; FY 1966 (Renewal); \$105,300. (CB)
- 1476. Field Instruction of Social Work Students; University of Washington, Seattle; 6/1/66-5/31/67 (Renewal); \$26,532. (VRA)

Washington (cont'd)

Construction

1477. Fircrest Halfway House, Seattle; 6/10/66 (Initial); \$146,587 (DHMF)

Other

1478. Mental Retardation Planning and Implementation; Washington State Department of Institutions, Olympia; 5/1/66-4/30/68 (Initial); \$30,545. (DCD)
1479. Maternity and Infant Care, Seattle-King County; State Department of Health, Olympia; 5/1/66-6/30/67 (Initial); \$696,136. (CB)

WEST VIRGINIA

Research and Demonstration

1480. Mobilizing the Women's Clubs of West Virginia in the Movement to Help the Mentally Retarded; West Virginia Federation of Women's Clubs, Inc., Beckley; 7/1/66-6/30/67 (Initial); \$22,250. (DCD)
1481. Upgrading of General Care for the Severely Retarded; Robert A. Jenkins, Colin A. Anderson Children's Center, St. Mary's; 7/65 (Renewal); \$43,040. (NIMH)
1482. Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded (Cabell County); Division of Vocational Rehabilitation, Charleston; 6/1/66-5/31/67 (Renewal); \$30,978. (VRA)
1483. Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded (Logan County); Division of Vocational Rehabilitation, Charleston; 12/1/65-11/30/66 (Renewal); \$51,181. (VRA)
1484. Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded; Division of Vocational Rehabilitation, Charleston; 1/1/66-12/31/66 (Renewal); \$45,500. (VRA)

Training

1485. Inservice Training, Mental Retardation; Colin A. Anderson Children's Center, St. Mary's; 7/65 (Renewal); \$24,005. (NIMH)
1486. Preparation of Professional Personnel in the Education of Handicapped Children; Marshall University, Huntington; 6/1/66-6/30/67 (Initial); \$47,600. (OE)
1487. Preparation of Professional Personnel in the Education of Handicapped Children; West Virginia University, Morgantown; 6/1/66-6/30/67 (Initial); \$10,600. (OE)
1488. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$20,400. (OE)
1489. Clinic for Mentally Retarded Children; Department of Health, Charleston Morgantown; FY 1966 (Renewal); \$90,461. (CB)

West Virginia (cont'd)

1490. Field Instruction of Rehabilitation Counseling Students; West Virginia University, Morgantown; 9/1/65-8/31/66 (Renewal); \$22,715 (VRA)

Construction

1491. Green Acres, LeSage; 6/27/66 (Initial); \$121,370. (DHMF)

Other

1492. Mental Retardation Planning and Implementation; West Virginia Commission on Mental Retardation, Charleston; 6/1/66-6/30/67 (Initial); \$35,000. (DCD)
1493. Maternity and Infant Care, Morgantown; State Department of Health, Charleston; FY 1966 (Renewal); \$106,495. (CB)
1494. Maternity and Infant Care, Kanawha County; State Department of Health, Charleston; 8/1/65-6/30/66 (Initial); \$90,000. (CB)
1495. Mental Retardation Clinic; Department of Health, Charleston; FY 1966 (Renewal); \$84,505 (CB)

WISCONSIN

Research and Demonstration

1496. A Community Service Demonstration Project for the Mentally Retarded in a Rural Area; State of Wisconsin Department of Public Welfare, Madison; 7/1/65-6/30/70 (Renewal); \$71,864. (DCD)
1497. EEG Audiometrics in the Severely Retarded; John P. Reneau, Central Wisconsin Colony and Training School, Madison, Wisconsin; 9/65-8/68 (Initial); \$23,380. (NICHD)
1498. Cytogenetics of Multiple Congenital Anomalies in Man; Klaus Patau, University of Wisconsin; Madison; 5/66-4/73 (Renewal); \$27,008, (NICHD)
1499. Metabolic Studies in Mental Retardation; Harry A. Waisman, University of Wisconsin, Madison; 6/66-5/70 (Renewal); \$146,724. (NICHD)
1500. Bone and Soft Tissue Development in Mongolism; G. Lawrence Rarick, University of Wisconsin, Madison; 9/65-8/66 (Renewal); \$8,778. (NICHD)
1501. Neuro-Chemical Changes with Excess Amino Acids; Harry A. Waisman, University of Wisconsin, Madison; 2/66-1/69 (Initial); \$44,340. (NICHD)
1502. Trace Minerals in Neurological and Psychiatric Illness; Henry A. Peters, University of Wisconsin, Madison; 4/65-8/66 (Renewal); \$16,920. (NINDB)
1503. An Enrichment Program to Reduce Physical Restraint; John M. Garstecki, Southern Wisconsin Colony and Training School, Union Grove; 1/66 (Initial); \$81,426. (NIMH)
1504. Team Management of the Ambulant Severely Retarded; Harvey A. Stevens, Central Wisconsin Colony and Training School, Madison; 6/66 (Initial); \$86,550. (NIMH)

Wisconsin (cont'd)

- 1505. Program Development for Institutionalized Retarded; James J. McCarthy, Central Wisconsin Colony, Madison; 9/65 (Renewal); \$42,114. (NIMH)
- 1506. Classical Conditioning in Retardates and Normals; Leonard E. Ross, University of Wisconsin, Madison; 9/65 (Renewal); \$16,020. (NIMH)
- 1507. Perceptual Abilities of Severely Retarded Children; Gene P. Sackett, Central Wisconsin Colony and Training School, Madison; 2/66 (Initial); \$4,130. (NIMH)
- 1508. Class Size and Teacher Aides as Factors in the Achievement of the Educable Mentally Retarded; Dr. Kenneth R. Blessing, Wisconsin State Department of Public Instruction, Madison; 6/15/66-6/14/67 (Initial); \$80,053. (OE)
- 1509. Factors Influencing Learning and Problem Solving Behavior in the Mentally Retarded; Kai Jansen, University of Wisconsin, Madison; 9/1/61-8/31/66 (Renewal); \$19,176. (OE)
- 1510. A Structured Community Approach to Complete Services for the Retarded; Jewish Vocational Service, Milwaukee; 3/1/66-2/28/67 (Renewal); \$100,000 (VRA)
- 1511. Organizational Factors and the Acceptance of New Rehabilitation Programs in Mental Retardation; University of Wisconsin, Madison; 7/1/65-6/30/66 (Renewal); \$24,114. (VRA)
- 1512. Rehabilitation Research and Training Center in Mental Retardation; University of Wisconsin, Madison; 4/1/66-3/31/67 (Renewal); \$200,000. (VRA)

Training

- 1513. Summer Career Study Program; Central Wisconsin Colony and Training School, Madison; 4/1/66-12/31/66 (Initial); \$12,766. (DCD)
- 1514. Development of a Center on Mental Retardation and Related Aspects of Human Development; University of Wisconsin, Madison; 7/1/65-10/31/66 (Initial); \$15,000. (DCD)
- 1515. Summer Program in Mental Retardation for Advanced Graduate Students in School Counseling and Clinical Psychology; University of Wisconsin, Madison; 6/1/66-5/31/67 (Initial); \$34,002. (DCD)
- 1516. Separation of Isolated Mamalian Chromosomes; Ian Robert Glen, University of Wisconsin, Madison; 10/65-9/66 (Initial); \$8,919. (NICHD)
- 1517. Physiological Responses of Normal and Retarded Infants; Mary E.W. Headrick, University of Wisconsin, Madison; Not yet activated; (Initial); \$7,500. (NICHD)
- 1518. Developmental Psychology, Leonard E. Ross, University of Wisconsin, Madison; 7/66-6/69 (Renewal); \$79,554. (NICHD)
- 1519. Developmental Biochemistry and Mental Retardation; Harry Aaron Waisman, University of Wisconsin, Madison; 9/65-6/70 (Initial); \$39,960. (NICHD)
- 1520. Pediatrics; Charles C. Lobeck, University of Wisconsin, Madison; 7/66-6/67 (Renewal); \$52,914. (NICHD)

Wisconsin (cont'd)

- 1521. Birth Defects as Caused by Viruses; Arthur A. Andersen, University of Wisconsin, Madison; Not yet activated (Initial); \$7,959. (NICHD)
- 1522. Inservice Training, Mental Retardation; Central Wisconsin Colony and Training School, Madison; 7/65 (Renewal); \$24,840. (NIMH)
- 1523. Inservice Training, Mental Retardation; Northern Wisconsin Colony and Training School, Chippewa Falls; 7/65 (Renewal); \$24,981. (NIMH)
- 1524. Inservice Training, Mental Retardation; Southern Wisconsin Colony and Training School, Union Grove; 7/65 (Renewal); \$6,640. (NIMH)
- 1525. Preparation of Professional Personnel in the Education of Handicapped Children; University of Wisconsin, Madison; 6/1/66-6/30/67 (Initial); \$100,000. (OE)
- 1526. Preparation of Professional Personnel in the Education of Handicapped Children; University of Wisconsin, Milwaukee; 6/1/66-6/30/67; (Initial); \$66,000. (OE)
- 1527. Preparation of Professional Personnel in the Education of Handicapped Children; Wisconsin State University, Eau Claire; 6/1/66-6/30/67 (Initial); \$47,600. (OE)
- 1528. Preparation of Professional Personnel in the Education of Handicapped Children; Wisconsin State University, Oshkosh; 6/1/66-6/30/67 (Initial); \$21,600. (OE)
- 1529. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$25,975. (OE)
- 1530. Occupational Therapy Seminar on Perceptual-Motor Dysfunction; University of Wisconsin, Madison; 4/1/66-9/30/66 (Initial); \$42,530. (CB)
- 1531. Training Unit in Mental Retardation in Dodge County Welfare Department; University of Wisconsin School of Social Work, Madison; 7/1/66-6/30/67 (Initial); \$16,469. (CB)
- 1532. Field Instruction of Social Work Students; University of Wisconsin, Madison; 9/1/65-8/31/66 (Initial); \$32,212. (VRA)
- 1533. Field Instruction of Rehabilitation Counseling Students; University of Wisconsin, Madison; 9/1/65-8/31/66 (Renewal); \$35,843. (VRA)
- 1534. Traineeships in Mental Retardation; University of Wisconsin, Madison; 4/15/66-4/14/67 (Renewal); \$34,440. (VRA)
- 1535. Field Instruction of Social Work Students; University of Wisconsin, Milwaukee; 6/1/65-8/31/66 (Renewal); \$50,284. (VRA)
- 1536. See Research & Demonstration (VRA) Special Centers Program

Construction

- 1537. Community Service Center, Green Bay; 6/3/66 (Initial); \$275,200. (DHMF)

Wisconsin (cont'd)

Other

1538. Mental Retardation Planning and Implementation; Wisconsin Department of Public Welfare, Madison; 1/1/66-12/31/67 (Initial); \$44,000. (DCD)

WYOMING

Research and Demonstration

1539. Medical Improvement and Training of Severely Retarded; Fred W. Heryford, Wyoming State Training School, Lander; 7/65 (Renewal); \$67,928. (NIMH)

Training

1540. Inservice Training, Mental Retardation; Wyoming State Training School, Lander; 7/65 (Initial); \$25,000. (NIMH)
1541. Preparation of Professional Personnel in the Education of Handicapped Children; University of Wyoming, Laramie; 6/1/66-6/30/67 (Initial); \$38,400. (OE)
1542. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$28,350. (OE)

Other

1543. Mental Retardation Planning and Implementation; Wyoming Department of Public Health, Cheyenne; 5/1/66-6/30/68 (Initial); \$27,185. (DCD)
1544. Mental Retardation Clinic; State Department of Public Health, Cheyenne; 3/1/66-6/30/66 (Initial); \$14,500. (CB)

FOREIGN COUNTRIES

Research and Demonstration

Australia

1545. Newborn Circulation and Respiration in Disease; Burnard, Eric D., Royal Alexandria Hospital, Sydney; 2/66-1/69 (Initial); \$7,345. (NICHD)

Canada

1546. Fundamental and Clinical Studies in Human Genetics; Uchida, Irene A., Children's Hospital of Winnipeg; Winnipeg; 10/65-9/66 (Renewal); \$56,900. (NICHD)

Foreign Countries (cont'd)

1547. Study of Feto-Maternal Barrier and Rh Isoimmunization; Chown, Bruce, University of Manitoba, Fort Garry; 1/66-12/66 (Renewal); \$15,150. (NICHD)

France

1548. Etiologic Studies on Mental Deficiencies; Maurice Lamy, University of Paris, Paris; 9/65-8/68 (Renewal); \$9,700. (NICHD)
1549. Early Motor Control, Body Image, and Intelligence; Minkowski, Alexandre, Association of Claude Bernard, Paris; 8/65-7/66 (Renewal); \$11,300. (NICHD)

Japan

1550. Formiminotransferase Deficiency Syndrome; Tsuneo Arakawa, Tohoku University, Sendai; 6/66-5/67 (Renewal); \$3,000. (NICHD)

Switzerland

1551. Prenatal Development of Human Cerebral Cortex; Rabinowicz, Theodore, Institut d' Anatomie Pathologique, Leusanne; 9/65-8/68 (Renewal); \$12,300. (NICHD)
1552. Forms of Behavior Related to Disturbance in Infancy; Meili, Richard, University of Berne, Berne; 11/65-10/67 (Renewal); \$2,470. (NICHD)

Uruguay

1553. Effects of Uterine Contractions on the Human Fetus; Caldeyro-Barcia, Roberto, Universidad De La Republica; Montevideo; 12/65-11/67 (Renewal); \$49,200. (NICHD)

Israel

1554. Metabolism of the Sphingolipids and C₂₄ Fatty Acids; Shimon Gatt, The Hebrew University, Hadassah Medical School, Jerusalem, Israel; 4/66-3/67 (Renewal); \$18,755. (NINDB)

Italy

1555. Evolution of Dehydrogenases During Neurogenesis; Vincenzo Bonavita, University of Palermo, Palermo; 10/65-9/66 (Renewal); \$9,100. (NINDB)

Netherlands

1556. Surface Area and Connectivity Patterns of Cortical Neurons; Johannes P. Schade, Netherlands Central Institute of Brain Research, Amsterdam (Havens-Ooost), 4/65-3/66 (Renewal); \$6,500. (NINDB)

Foreign Countries (cont'd)

Sweden

1557. Mental and Neurological Diseases in Sweden; Torsten Sjogren, Institute for Medical Genetics, Uppsala, Sweden; 1/65-12/66 (Renewal); \$14,400. (NINDB)

United Kingdom

1558. Pteridine Co-Factors in Amino-Acid Metabolism; Hamish Wood, Royal College of Science and Technology, Glasgow; 10/65 (Renewal); \$7,700. (NIMH)

India

1559. Project on the Rehabilitation of the Mentally Retarded; Nandanvan Day School for Mentally Retarded Persons, The Matru Sewa Sangh, North Ambazari Road, Nagpur; 5/1/65-4/30/70; 728,940 Indian rupees (U.S. Dollar equivalent: \$111,548) (VRA)

Israel

1560. Project for Assessment of Mentally Retarded Youth with Applied Research on Genetic and Metabolic Etiology; Malben-J.D.C., Tel-Aviv; 7/1/63-12/31/66; 347,050 Israeli pounds (U.S. dollar equivalent: \$115,683). (VRA)

Pakistan

1561. Investigation of the Medical, psychological, social and cultural aspects of mental retardation affecting the rehabilitation of mentally retarded persons, employing multi-disciplinary methods and techniques; Government of Pakistan as represented by the Economic Affairs Division on behalf of Jinnah Post-Graduate Medical Centre, Jinnah Central Hospital Compound, Karachi; 3/1/64-2/28/67; 476,100 Pakistan rupees (U.S. dollar equivalent: \$99,290) (VRA)

United Arab Republic

1562. An Investigation of the vocational rehabilitation potential of the mentally retarded in relation to the economic, social and employment structures of Cairo; The U.A.R. Ministry of Social Affairs, Department of Vocational Rehabilitation, Cairo; 7/15/66-7/14/60; 135,000 Egyptian pounds (U.S. dollar equivalent \$311,132) (VRA)

Training

Czechoslovakia

1563. Learning in Human Newborns; Arnold J. Sameroff, Institute for the Care of Mother and Child; Prague; Not yet activated (Renewal); \$6,000. (NICHD)

Foreign Countries (cont'd)

England

1564. Cue Fading in Discrimination Learning of Retardates; Loren E. Acker, Maudsley Hospital, London; Not yet activated; (Initial); \$7,371. (NICHD)
1565. Physical Performance Potential of Mentally Retarded; Jack F. Keogh, University of Birmingham; 9/65-7/66 (Renewal); \$500. (NICHD)
1566. Perceptual Development of Mentally Retarded Children; Barbara Kolts Keogh, University of Birmingham; 10/65-10/66 (Initial); \$6,500. (NICHD)

Scotland

1567. Analysis of Human Genetic Linkage; Eberett W. Lovrien, University of Glasgow, Glasgow; 9/65-8/66 (Renewal); \$500. (NICHD)

Guam

1568. Preparation of Professional Personnel in the Education of Handicapped Children; State Education Agency; 6/1/66-6/30/67 (Initial); \$10,800. (OE)

Other

Israel

1569. "Thyroid Therapy and Developmental Retardation", Biccur Cholim Hospital, Clinic for Endocrine Diseases, Jerusalem, Israel. (Hannah Leszynski, M.D. Principal Investigator); 2/66-2/69; 227,700 IL (\$75,900.) (DCD)
1570. "Improving the Accuracy of the Diagnosis of Mongolism at Birth for Purposes of Counseling Care Planning;" The Hebrew University of Jerusalem, Laboratory of Genetics, Jerusalem; (J. Wahrmon, Ph.D., Principal Investigator); 7/65-6/67; 250,700 IL (\$83,567). (DCD)
1571. "A Medico-Social Study of Mongols in the Greater Tel-Aviv Region"; Department of Medical Ecology, The Hebrew University Hadassah Medical School, Jerusalem; (E. Chigier, M.D. Principal Investigator); 1/66-1/68; 134,100 IL (\$44,700). (DCD)
1572. National Screening of Newborn Infants by Guthrie Test for Phenylketonuria; Tel Hashomer Government Hospital, Tel Litvinski; (Dr. Bernard E. Cohen & Dr. Ariah Szienberg); 3/64-3/66; 163,310 IL (\$54,437). (CB)

Pakistan

1573. A Study of the Incidence of Phenylketonuria (PKU) in Pakistan; Jinnah Post Graduate Medical Center, Karachi; (Dr. Hamid Ali Kahn); 4/64-4/66; 200,400 Rupees (\$41,733). (CB)

Foreign Countries (cont'd)

Poland

1574. A Screening Method for Phenylketonuria; Institute for Mother and Child, Warsaw, Poland. (Barbara Cabalska, M.D.); 2/64-2/67; 3,663,050 Zlotys (\$152,627). (CB)
1575. Epidemiology and Etiology of Severe Mental Subnormality; Ministry of Health, Warsaw; (Dr. Ignacy Wald); 2/65-2/67; 3,574,344 Zlotys (\$148,931). (CB)

Yugoslavia

1576. A Study of the Incidence of Phenylketonuria (PKU) in Yugoslavia; Federal Institute of Public Health, Belgrade, (Dr. Herbert Kraus); 9 64 9/66. 66,251,500 Dinars (\$75,027). (CB)

Appendix A

Three State formula grant programs administered by agencies of the Department of Health, Education, and Welfare are of significance to mental retardation: Crippled Children's Program, Maternal and Child Health Programs, and Vocational Rehabilitation State Grant Program. Activities supported with these funds cover a wide variety of handicapping conditions. Mental Retardation is included among these conditions.

The total amount of funds available to the States under these programs is listed on the following pages.

Table 1

Department of Health, Education, and Welfare
Welfare Administration
Children's Bureau

Services for Crippled Children

<u>States</u>	<u>Column 1</u>	<u>Column 2</u>
	Estimated Payments to States 1966*	Special Projects for Mentally Retarded Children
Alabama	\$ 983,951	\$ -
Alaska	152,461	-
Arizona	-	-
Arkansas	607,523	-
California	1,971,600	131,122
Colorado	427,826	-
Connecticut	349,423	-
Delaware	174,054	-
District of Columbia	375,644	-
Florida	1,036,575	-
Georgia	1,175,842	-
Guam	108,825	-
Hawaii	312,849	111,855
Idaho	277,825	75,000
• Illinois	1,312,547	68,100
• Indiana	943,600	-
• Iowa	1,013,369	259,628
Kansas	444,069	-
Kentucky	931,720	-
Louisiana	997,903	-
Maine	252,935	-
Maryland	767,422	-
Massachusetts	648,125	-
• Michigan	1,559,722	-
• Minnesota	971,907	-
Mississippi	688,139	-
Missouri	749,217	-
Montana	228,821	-
• Nebraska	323,320	-
Nevada	165,839	-
New Hampshire	155,259	-
New Jersey	728,433	-
New Mexico	269,912	-
New York	1,820,126	125,800
North Carolina	1,520,848	-

Services for Crippled Children - Continued

<u>States</u>	<u>Column 1</u> Estimated Payments to States 1966*	<u>Column 2</u> Special Projects for Mentally Retarded Children
• North Dakota	\$ 205,773	-
• Ohio	1,661,297	-
Oklahoma	527,834	-
Oregon	521,073	75,390
Pennsylvania	2,181,884	183,996
Puerto Rico	1,074,636	-
Rhode Island	223,940	47,201
South Carolina	884,887	-
• South Dakota	194,501	-
Tennessee	1,108,287	76,290
Texas	2,150,046	-
Utah	301,956	-
Vermont	164,666	-
Virgin Islands	130,211	-
Virginia	1,207,617	-
Washington	597,455	-
West Virginia	543,485	-
• Wisconsin	820,400	-
Wyoming	159,502	-
Institutions of Higher Learning	4,601,181	2,523,055
Balance for Future Allotment	<u>625,000</u>	<u>72,563</u>
Total	\$44,333,262	\$3,750,000

* In addition to the amounts indicated in column 2 as earmarked for Mental Retardation, the States in total are spending an equal amount of Children's Bureau formula grants for mental retardation programs. Of the total \$45 million, about \$7.5 million is spent for mental retardation.

Table 2

Department of Health, Education, and Welfare
Welfare Administration
Children's Bureau

Grants for Maternal and Child Health Services

<u>States</u>	<u>Column 1</u> Estimated Payments to States 1966*	<u>Column 2</u> Special Projects for Mentally Retarded Children
Alabama	\$1,073,812	\$ 78,500
Alaska	191,497	32,100
Arizona	685,533	310,795
Arkansas	619,978	66,082
California	2,290,712	277,565
Colorado	724,485	235,000
Connecticut	669,059	63,962
Delaware	176,565	-
District of Columbia	372,952	96,065
Florida	1,496,250	183,055
Georgia	1,349,744	217,686
Guam	136,612	-
Hawaii	204,672	-
Idaho	192,056	-
Illinois	1,183,275	50,000
Indiana	865,805	-
Iowa	514,398	-
Kansas	394,983	-
Kentucky	997,415	150,000
Louisiana	946,787	-
Maine	311,551	34,000
Maryland	718,234	-
Massachusetts	865,810	138,483
Michigan	1,464,637	100,000
Minnesota	811,056	120,000
Mississippi	934,117	72,000
Missouri	810,266	100,000
Montana	196,169	-
Nebraska	294,803	-
Nevada	232,542	65,000
New Hampshire	156,603	-
New Jersey	719,709	-
New Mexico	495,799	167,800
New York	2,114,409	116,280
North Carolina	1,535,065	144,827
North Dakota	193,185	-

Grants for Maternal and Child Health Services - Continued

<u>States</u>	<u>Column 1</u> Estimated Payments to States 1966*	<u>Column 2</u> Special Projects for Mentally Retarded Children
Ohio	\$1,752,025	\$ 132,519
Oklahoma	566,811	95,800
Oregon	497,065	23,434
Pennsylvania	1,738,489	-
Puerto Rico	1,118,641	-
Rhode Island	375,914	68,300
South Carolina	864,203	30,000
South Dakota	122,031	-
Tennessee	1,198,653	233,868
Texas	1,891,834	118,210
Utah	237,381	-
Vermont	164,334	-
Virgin Islands	131,160	-
Virginia	1,221,464	183,237
Washington	716,013	105,300
West Virginia	661,090	204,966
Wisconsin	750,131	-
Wyoming	229,111	70,000
Institutions of Higher Learning	3,057,105	665,166
Balance for Future Allotment	<u>625,000</u>	<u>-</u>
Total	\$44,859,000	\$4,750,000

* In addition to the amounts indicated in column 2 as earmarked for Mental Retardation, the States in total are spending an equal amount of Children's Bureau formula grants for mental retardation programs. Of the total \$45 million, about \$9.5 million is spent for mental retardation.

Table 3

Department of Health, Education, and Welfare
Vocational Rehabilitation Administration

Federal Grants and State Matching Funds

Under Section-2 of the Vocational Rehabilitation Act: Fiscal Year 1966

(Federal funds are available on a matching basis under Section 2 of the Vocational Rehabilitation Act to provide financial assistance to States for their basic programs of providing rehabilitation services to disabled people, including the mentally retarded.)

<u>States</u>	<u>Section 2*</u>	
	<u>Federal Grants</u>	<u>Matching State Funds</u>
Alabama	\$ 5,861,759	\$ 2,223,426
Alaska	257,293	163,712
Arizona	2,065,209	913,171
Arkansas	5,121,541	1,942,654
California	11,380,856	6,712,714
Colorado	2,484,862	1,239,451
Connecticut	1,277,912	766,748
Delaware	305,604	183,362
District of Columbia	538,688	937,670
Florida	6,054,233	2,624,426
Georgia	9,995,000	3,791,207
Guam	116,625	44,237
Hawaii	995,197	523,895
Idaho	444,604	178,440
Illinois	6,515,048	3,696,626
Indiana	1,460,077	689,624
Iowa	2,249,456	1,006,379
Kansas	1,134,725	512,669
Kentucky	2,164,621	821,063
Louisiana	4,189,758	1,589,219
Maine	833,570	341,796
Maryland	2,438,390	1,266,244
Massachusetts	3,793,421	2,060,624
Michigan	4,601,233	2,274,489
Minnesota	<u>2,809,532</u>	<u>1,272,310</u>
Mississippi	2,348,333	890,747
Missouri	2,774,964	1,330,620
Montana	577,495	252,955
Nebraska	721,310	330,929
Nevada	288,004	248,940

Federal Grants and State Matching Funds Under Section 2
of the Vocational Rehabilitation Act -

Continued

<u>States</u>	<u>Federal</u> <u>Grants</u>	<u>Section 2*</u> <u>Matching</u> <u>State Funds</u>
New Hampshire	\$ 242,865	\$ 110,034
New Jersey	2,733,693	1,569,980
New Mexico	629,648	255,435
New York	13,662,054	8,197,233
North Carolina	6,536,073	2,479,200
North Dakota	737,197	279,626
Ohio	3,421,948	1,717,656
Oklahoma	2,933,561	1,202,876
Oregon	1,637,878	794,735
Pennsylvania	12,334,076	5,998,379
Puerto Rico	2,705,911	1,026,380
Rhode Island	1,088,024	519,577
South Carolina	3,614,937	1,371,183
South Dakota	722,624	284,939
Tennessee	3,775,252	1,431,992
Texas	5,421,410	2,330,106
Utah	708,173	301,627
Vermont	668,335	276,976
Virginia	4,898,947	2,022,425
Virgin Islands	94,980	36,027
Washington	2,298,907	1,152,905
West Virginia	4,025,429	1,548,390
Wisconsin	3,447,268	1,622,244
Wyoming	478,865	239,980
Adjustment	-4,117,375	-2,100,252

*These funds have been computed at the rates specified in the 1965 amendments to the Vocational Rehabilitation Act but have not been adjusted to reflect the 1965 level of expenditure of State funds.

Appendix B

Grants to State Schools for the Handicapped

Under the provisions of P.L. 89-313 which amends Title I of the Elementary and Secondary Education Act of 1965 (P.L. 89-10) Federal funds were allocated to State agencies in behalf of certain handicapped children* in State-operated or State-supported schools for the handicapped which provide free-public education on a non-school-district basis.

MINR #4
in Total Amt
To MR

Allocation of Funds to State Agencies Under P.L. 89-313 Fiscal Year 1966

<u>States</u>	<u>Total Grant Awarded Under P.L. 89-313</u>	<u>Amount Awarded in Behalf of Mentally Retarded</u>
Alabama	\$ 148,665	\$ 53,268
Arizona	173,856	85,296
Arkansas	150,404	79,473
California	567,580	143,112
Colorado	367,393	308,850
Connecticut	433,320	248,217
Delaware	141,033	52,215
District of Columbia	193,349	105,803
Florida	404,666	274,340
Georgia	48,563	48,563
Hawaii	136,561	96,412
Idaho	45,504	21,536
Illinois	428,026	135,502
Indiana	556,916	294,413
Iowa	314,358	190,548
Kansas	224,603	88,153
Kentucky	106,074	34,715
Louisiana	166,935	166,935
Maine	90,036	50,147
Maryland	262,785	80,912
Massachusetts	730,385	333,994
Michigan	580,596	300,070
Minnesota	606,755	(4) 404,879
Mississippi	-	-
Missouri	357,383	239,641
Montana	138,235	112,636
Nebraska	136,909	75,917
Nevada	13,866	5,839
New Hampshire	58,444	27,169
New Jersey	1,058,106	(3) 625,471
New Mexico	211,491	131,609
New York	2,707,272	(1) 1,283,398

<u>States</u>	<u>Total Grant Awarded Under P.L. 89-313</u>	<u>Amount Awarded in Behalf of Mentally Retarded</u>
North Carolina	\$ 394,484	\$ 222,393
North Dakota	70,649	45,298
Ohio	327,292	193,541
Oklahoma	59,173	-
Oregon	312,765	110,511
Pennsylvania	1,345,289	(a) 681,310
Rhode Island	109,713	72,054
South Carolina	148,140	97,209
South Dakota	97,267	36,664
Tennessee	87,670	-
Texas	465,160	287,914
Utah	76,560	31,709
Vermont	79,122	29,878
Virginia	41,551	-
Washington	300,363	189,201
West Virginia	88,715	31,752
Wisconsin	264,247	169,873
Wyoming	<u>88,618</u>	<u>55,663</u>
Total	\$15,916,847	\$8,354,003

*Handicapped children defined as: "mentally retarded, hard of hearing, deaf, speech impaired, visually handicapped, seriously emotionally disturbed, crippled, or other health impaired children who by reason thereof require special education."

NOTE

The subject index of research and demonstration grants on pages 111 - 139 has been developed solely on the basis of the grant titles as they appear in this publication.

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