

MISS MARGARET STONE
ASST. LIBRARIAN
JOHNSON CAMDEN LIBRARY
CAMPUS MAIL

91A17-1-15-2

ANNUAL REPORT
TO ADMINISTRATION
AND FACULTY
1967 - 1968



OFFICE OF
RESEARCH AND DEVELOPMENT

November, 1968

Administration and Faculty
Morehead State University
Morehead, Kentucky 40351

Dear Colleague:

It is with great pleasure that the following report is presented for your consideration. Within this annual report you shall find listed each research project including the chief investigator(s), the amount of total contract, the funding agency, and a concise description of program activity for Special Contracts and Grants awarded Morehead State University from September 1, 1967, to August 31, 1968.

This report represents the efforts of the faculty and administration of the University which have contributed to general understandings of regional problems.

You shall find included within this report a total amount for each research or special project. In most cases the University has contributed either 25 per cent or 50 per cent toward funding each project.

Sincerely,



Morris L. Norfleet
Vice President
Research & Development Center

A LISTING OF RESEARCH AND DEVELOPMENT PROGRAMS, 1967-68

<u>Program Title</u>	<u>Total Program Amount</u>
School Social Worker Program	\$ 22,250
University Breckinridge Equipment Grant	11,238
Administration Organization Design Contract	4,500
Appalachian Adult Basic Education Demonstration Center	250,000
Special Education Stimulation Grant	18,000
Computer Utilization Study	6,894
Computer Assisted Instruction	21,086
Vocational Training	13,031
Community Recreation Program	37,922
Experimental Psychology Grant	15,219
Laboratory and Other Special Equipment for Psychology and Special Education	92,660
Head Start Child Development Training Program	16,028
Supplementary Head Start Training Program	22,482
Project Must	15,000
University Breckinridge School Library Grant	678
Audio-Visual Equipment	4,918
Home Management Improvement	24,234
Area Agriculture Project	13,540
Community Service Project Through Broadcast Utilization	12,570
Educational Broadcasting Grant	1,000
Communicative Arts	51,056
Instructional Scientific Equipment Program	2,800
Atomic World Mobile Unit	12,200
Radiation Significance Grant	9,314
Computer Assisted Instruction Evaluation	1,361
Library Grant	25,102
Operation Talent Search	50,574
Regional Training Officer	15,036
Lee's Junior College	33,840
Science Research (Loan)	60,000
Stratigraphy Neogene Deposit Study	30,500
Pre-School Research-Demonstration Training Center	720
Teacher Aides Program	400
Curriculum Materials Center	6,500
Upward Bound	168,346
Two-Year Technical Institute	1,000,000
Occupational Education and Guidance Program	250
Continuous Progress Component	3,000
Data Processing Component	6,480
	<hr/>
GRAND TOTAL	\$2,080,729

Following is a summary of Special Contracts and Grants awarded to Morehead State University from September, 1967, to the present through the Office of Research and Development.

<u>Title and Description of Program</u>	<u>Chief Investigator(s) or Project Director, Amount of Contract</u>
<u>SCHOOL OF SOCIAL WORKER PROGRAM</u> Morehead State University shall receive \$22,250 from the Department of Health Education and Welfare, Bureau of Family Services to enrich and increase academic offerings in the area of social work to provide the course sequence necessary for certification of School Social Workers.	Dr. Roscoe Playforth \$22,250
<u>UNIVERSITY BRECKINRIDGE EQUIPMENT GRANT</u> Morehead State University was reimbursed \$11,238 by the National Defense Education Act under Title III, for purchase of educational equipment at University Breckinridge Training School.	Mr. Reedus Back \$11,238
<u>ADMINISTRATION ORGANIZATION DESIGN CONTRACT</u> Morehead State University, School of Education was awarded a special contract from the Institute for Environmental Studies, University of Kentucky to develop an Administrative Organization Design for adaptation in the Midland New Town educational component.	Dr. Robert Needham \$4,500
<u>APPALACHIAN ADULT BASIC EDUCATION DEMONSTRATION CENTER</u> The project was granted \$250,000 by the Bureau of Adult, Vocational and Library Programs, Department of Health, Education, and Welfare to continue and expand the original planning phases as well as the initiation of full operational activity for demonstration projects in Mississippi, Georgia, Alabama, Kentucky, Ohio, Virginia, West Virginia, and Tennessee.	Mr. George Eyster \$250,000

SPECIAL EDUCATION STIMULATION GRANT

A program development grant of \$18,000 was awarded by the Department of Health, Education and Welfare in the area of "Other Health Impaired" to train special personnel in the education of children with learning disabilities.

Dr. Bradley Clough

\$18,000

COMPUTER UTILIZATION STUDY

Morehead State University has been allotted \$6,894 by the Appalachian Regional Commission to develop comprehensive plans for computer utilization encompassing all levels of educational development in Eastern Kentucky.

Dr. Jack Bizzell

Mr. Bill Mahaney

Dr. Leonard Burkett

Mr. George Stevens

\$6,894

COMPUTER ASSISTED INSTRUCTION (CAI)

Morehead State University will provide partial coordinating services, space, utilities, and general coordination of the CAI program in Pike, Elliott, Johnson, Lawrence, Rowan, and Carter Counties via a \$21,086 grant under Title III through the Eastern Kentucky Educational Development Corporation. More extensive services will be provided by the University upon receipt of later grants.

Dr. Leonard Burkett

\$21,086

VOCATIONAL TRAINING

Under the Vocational Education Act, 1968, Morehead State University has been reimbursed \$13,031 for teacher training in home economics, office education and trade and industry for fiscal year 1967-68. (Additional reimbursement for 1968-69, in the same academic areas amounts to \$17,000, not including Home Economics education as this budget has not been approved.)

Dr. C. Nelson Grote

\$13,031

COMMUNITY RECREATION PROGRAM

The program will be directed toward stimulating and developing community recreation programs and consultant services within a 12 county region of Eastern Kentucky. The project was granted \$37,922 under Title I, Higher Education Act.

Mr. Rex Chaney

Dr. John R. Duncan

Mr. Bill Pierce

\$37,922

EXPERIMENTAL PSYCHOLOGY GRANT

Morehead State University has been funded \$15,219 by the Office of Education to perform the animal psychology research project entitled The Effect of Time of Day on the Reactions of Stress.

Dr. Francis Osborne
\$15,219

LABORATORY AND OTHER SPECIAL EQUIPMENT FOR PSYCHOLOGY AND SPECIAL EDUCATION

The grant provided \$92,660 under Title VI, Higher Education Act to obtain scientific equipment for the improvement of undergraduate education in the Department of Psychology and Special Education.

Dr. Francis Osborne
\$92,660

HEAD START CHILD DEVELOPMENT TRAINING PROGRAM

Morehead State University received \$16,028 to implement the Head Start Child Development Training Program from Community Action Programs.

Dr. Mary Northcutt
\$16,028

SUPPLEMENTARY HEAD START TRAINING PROGRAM

Under the provisions of this grant, Morehead State University and Pikeville College shall provide higher educational experiences for teachers and teacher-aides in Eastern Kentucky. Educational Projects, Inc., granted \$22,483 to the institution.

Dr. Mary Northcutt
\$22,482

PROJECT MUST

Morehead State University conducted an orientation and instruction program for visual-aide usage to Eastern Kentucky public school personnel under a \$15,000 grant made by Title III, Elementary and Secondary Education Act.

Dr. Norman Tant
\$15,000

UNIVERSITY BRECKINRIDGE SCHOOL LIBRARY GRANT

From this grant, University Breckinridge School Library received \$678 to purchase books and materials from Title II, Elementary and Secondary Education Act.

Mrs. Opal LeMaster
\$678

AUDIO-VISUAL EQUIPMENT

Under authority of Title VI, Higher Education Act, the Department of Instructional Media was awarded \$4,918 for purchase of audio-visual equipment.

Dr. Norman Tant
\$4,918

HOME MANAGEMENT IMPROVEMENT

The Department of Home Economics with the cooperation of the School of Social Studies shall conduct this \$24,234 funded project entitled In-Service Education for Case Workers in Home Management Improvement for Welfare Recipient Families in Ten Eastern Kentucky Counties. The Kentucky Department of Economic Security shall coordinate its activities and monies toward achieving project success. The project was funded by Title I, Higher Education Act.

Miss Sally Allen

\$24,234

AREA AGRICULTURE PROJECT

Morehead State University received \$13,540 under Title I, Higher Education Act to conduct a Program to Promote Coordination of Projects between Agriculture Agencies in Eastern Kentucky.

Dr. Charles Derrickson

\$13,540

COMMUNITY SERVICE PROJECT THROUGH BROADCAST UTILIZATION

The project will serve the immediate area in working with the elderly educationally and culturally disadvantaged adults through the means of radio. The amount of the grant is \$12,570 funded under the Title I, Higher Education Act.

Mr. Don Holloway

\$12,570

EDUCATIONAL BROADCASTING GRANT

Morehead State University campus radio station WMKY-FM received a \$1,000 gift from the Peter Schweitzer Foundation to purchase 50 FM radios for adult education utilization.

Mr. Don Holloway

\$1,000

COMMUNICATIVE ARTS

Morehead State University and the Eastern Kentucky Education Development Corporation shall conduct a program for utilization of creative dramatics by high school students from Eastern Kentucky beginning this month. The project grant of \$51,056 will support the one year project.

Mr. William Tillett

\$51,056

INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM

The grant provided \$2,800 from the National Science Foundation for the purchase of equipment to be used in introducing the principles and practice of gas chromatography and infrared spectroscopy to undergraduate students in organic chemistry.

Dr. Charles Payne

\$2,800

ATOMIC WORLD MOBILE UNIT

The Atomic Energy Commission is providing a mobile van to visit Eastern Kentucky schools and display scientific exhibits valued at \$12,200.

Dr. Charles Payne

\$12,200

RADIATION SIGNIFICANCE GRANT

Atomic Energy Commission has granted \$9,314 to conduct the research project entitled Ecological Significance of Neutron and Gamma Radiation on Dormant and Physiologically Active Seed and Seedlings of Tree Species Native to the Eastern Deciduous Forest.

Dr. Margaret Heaslip

\$9,314

COMPUTER ASSISTED INSTRUCTION EVALUATION

Under a \$1,361 special contract from the Central Mid-West Regional Education Laboratory to Morehead State University data was collected from teachers, students and parents in a ten school district project involving Computer Assisted Instruction.

Mr. Richard Crowe

\$1,361

LIBRARY GRANT

Morehead State University received \$25,102 for the purchase of books and materials to be placed in the Johnson Camden Library under Title II, Part A, of Department of Health, Education, and Welfare.

Dr. Jack Ellis

\$25,102

OPERATION TALENT SEARCH

A grant of \$50,574 under Title IV, Higher Education Act will provide a program for seeking exceptional needy talented students on the junior high and high school level in 22 counties in Appalachian Kentucky.

Mr. Frank Sandage

\$50,574

REGIONAL TRAINING OFFICER

Morehead State University has been allotted \$15,036 from the Office of Economic Opportunity to fund a Regional Training Officer (RTO) Project in Eastern Kentucky. Under the auspices of the program, orientation sessions will be held to prepare instructors for summer Head Start programs, and special assistance will be provided to the individual Head Start projects for 18 counties in Eastern Kentucky. This program provides in-field supervision and training in pre-school education.

Dr. Mary Northcutt

\$15,036

LEE'S JUNIOR COLLEGE

Through cooperative arrangements with Lee's Junior College and Morehead State University a program has been funded for \$33,840 under Title III, Higher Education Act, to assist in student services and administrative improvement.

Office of
Research and Development

\$33,840

SCIENCE RESEARCH

The Department of Physics has been loaned four uranium fuel elements to be used in the construction of a subcritical nuclear reactor by the Atomic Energy Commission.

Dr. William Simpson

\$60,000
Loan

STRATIGRAPHY NEOGENE DEPOSIT STUDY

The proposal to make a stratigraphy-geomorphic study of inner Coastal Plain Neogene deposits located on the south flank of the Cape Fear Arch in North and South Carolina has been approved for \$30,500 by the National Science Foundation.

Dr. Jules DuBar

\$30,500

PRE-SCHOOL RESEARCH-DEMONSTRATION

TRAINING CENTER

The Eastern Kentucky Educational Development Corporation in conjunction with Morehead State University is developing a pre-school Research-Demonstration program in Eastern Kentucky.

Dr. Mary Northcutt

\$720

TEACHER AIDES PROGRAM

Morehead State University shall cooperate with the Eastern Kentucky Education Development Corporation in an effort to continue teacher aide programs in Catlettsburg Independent Schools and in Elliot County. Catlettsburg will provide a model "Cadet Teacher-Aide" program and Elliot County will provide a model "Para-Professional Teacher Aide Program."

Dr. Milan Dady
Mr. John Stanley

\$400

CURRICULUM MATERIALS CENTER

Morehead State University has contracted with the Eastern Kentucky Educational Developmental Corporation to provide staff services, materials, and equipment of the campus Curriculum Materials Center to the professional and lay persons of the Title III region in Eastern Kentucky.

Mrs. Patsy Wright

\$6,500

UPWARD BOUND

A pre-college preparatory summer and academic program for 100 high school students from Bath, Boyd, Carter, Elliot, Greenup, Johnson, Magoffin, Mason, and Morgan Counties was funded for \$168,346 by the Office of Economic Opportunity.

Mr. Jack Webb

\$168,346

TWO-YEAR TECHNICAL INSTITUTE

The Appalachian Regional Commission shall provide \$800,000 to assist in construction of an Appalachian Technical Institute which will administer a unique pre-college and college level program in technical education on the University campus. Morehead State University shall provide \$200,000 local funds for this project.

Dr. C. Nelson Grote

\$1,000,000

OCCUPATIONAL EDUCATION AND GUIDANCE PROGRAM

Morgan County school district through the Eastern Kentucky Educational Development Corporation shall continue the development of an occupational education and guidance program. Morehead State University will provide five (5) days of consultative services for in-service education programs to orient the district participants toward an occupational education and guidance program.

Dr. C. Nelson Grote

\$250

CONTINUOUS PROGRESS COMPONENT

Morehead State University provided three consultant-instructors, experts in the fields of Team Teaching, Developmental Reading, and Non-Graded programs for a period of one month this summer, to provide instruction for an intensive four-week training session of 193 teachers and administrators in a cooperative program with the Eastern Kentucky Educational Development Corporation.

Mr. Reedus Back

Dr. William Hampton

\$3,000

DATA PROCESSING COMPONENT

The Eastern Kentucky Educational Development Corporation, Title III, has contracted to use the Honeywell 200 Computer housed at Morehead State University for programming and storage of their data processing information.

Mr. William Mahaney

\$6,480