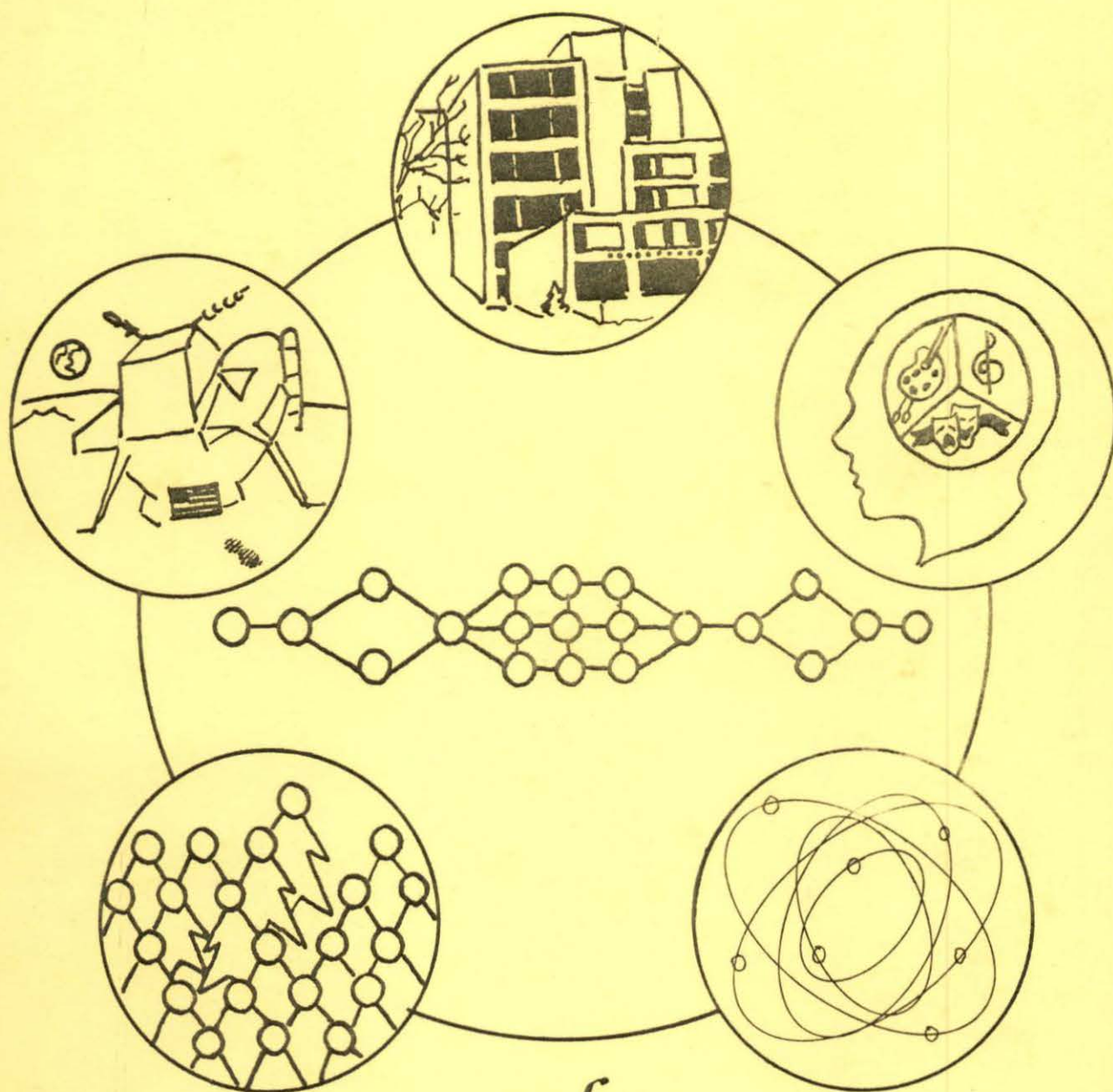


# BIOGRAPHIES



of  
Morehead State University Faculty Involved in  
Research Programs

Research and Development Center  
Morehead State University  
Morehead, Kentucky 40351  
606 - 783 - 2221

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CAPSULE BIOGRAPHICAL INFORMATION

FACULTY INVOLVEMENT IN

RESEARCH AND DEVELOPMENT ACTIVITIES

AT MOREHEAD STATE UNIVERSITY

Research and Development Center  
Morehead State University  
Morehead, Kentucky 40351  
(606) 784-4181

461858

## FOREWORD

The material in this publication is a collection of biographical information representative of personnel at Morehead State University actively engaged in research and development programs.

Progress is the result of the efforts of creative people working cooperatively to improve society. The people of Morehead State University have worked earnestly to catalyze progress in our section of Appalachia.

In an effort to reveal the talent and expertise functioning in research activities, this compilation contains a personal review of the faculty and staff participating in innovative programming. The vita information reported for each individual will represent the person's educational background, experience, expertise and membership in professional organizations.

Morehead State University maintains an open door policy of helping others through the development of University, community and regional activities. It is our sincere desire to serve through the sharing of ideas and talent to bring about desired change. This compilation will serve as a guide to the human resources available at Morehead State University.



CAPSULE BIOGRAPHICAL INFORMATION

Research and Development Center

MORRIS L. NORFLEET, Vice President for  
Research and Development

B.S. University of Kentucky  
M.S. Purdue University  
Ph.D. Purdue University

Former instructor in education, Purdue University and supervisor for 25 schools in Indiana; market research analyst and education assistant; Indiana Farm Bureau Cooperative Association; associate professor in education, director of student teaching, director of Head Start Teacher Training program, director of Upward Bound program, co-ordinator for the Computer Assisted Instruction Research-Demonstration project in Kentucky financed by Title III ESEA, interim director of the Appalachian Adult Basic Education Research-Demonstration Center for eight states and director of Human Resource Center at Morehead State University.

Professor, instructor, teacher, consultant, author, lecturer, researcher

Member Association of Student Teaching, Kentucky Association of Student Teaching (Vice President and President), American Vocational Association, National Education Association, Kentucky Education Association, American Education Research Association, Kentucky Science and Technology Commission, American Association of Higher Education, N.C.U.R.A.; Phi Delta Kappa

CAROLE MORELLA, Administrative Assistant  
Research and Development

B.S. Business Education, Morehead State University  
M.A. Secondary Education, Morehead State University

Former project director, Project Upward Bound, Morehead State University; research assistant, Office of Research and Development, Morehead State University; faculty advisor for Alpha Omicron Pi, business

instructor, Morehead State University; secondary teacher,  
Paul G. Blazer High School and Boyd County High School,  
Ashland, Kentucky

Instructor, consultant, researcher, author, teacher

Member American Association of University Women, Kentucky Education  
Association, National Education Association, Board of Directors  
Northeast Kentucky Area Development Council; Upward Bound Public  
Advisory Committee

RICHARD GODFREY CROWE, JR., Research Assistant  
Research and Development  
Instructor of Education

B.A. Morehead State University  
M.B.E. Morehead State University

Former director, Special Summer Freshman Studies Program, Morehead  
State University; director of men's residence hall; assistant  
resident hall director; coordinator of Summer School Activi-  
ties program; faculty advisor for Lambda Chi Alpha

Researcher, program planner, writer, instructor

Member Upward Bound Academic Advisory Council; Advisory Committee  
on the Aging; Advisory Board of the Cave Run Mental Health  
Mental Retardation Center; Optimist International; Lambda  
Chi Alpha; Phi Delta Kappa; American Business Communication  
Association

GEORGE A. STEVENS, Research Assistant  
Research and Development

A.B. Morehead State University  
M.A. Morehead State University

Former curriculum writer, Central District Office Dade County, Florida;  
developer of filmstrip entitled "Expressway or Deadend Street,"  
group guidance counselor, Kinloch Park Junior High, Miami;  
teacher, Kinloch Park Junior High; basketball coach and teacher,  
Lewis County School System, Vanceburg, Kentucky

Member Phi Delta Kappa; faculty, Institute for Job Corps Directors,  
University of Miami. Received honor as Kiwanis Teacher of  
the Year in Dade County, Florida; recognition in "Who's Who  
in American Colleges and Universities

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PROGRAM ACTIVITY AND PROJECT DIRECTORS

Accelerated Learning Program for Students

MORRIS K. CAUDILL, Director  
Associate Professor of Education

A.B. University of Kentucky  
M.A. University of Kentucky  
Ed.D. University of Kentucky

Former radio announcer, Whitesburg, Kentucky; teacher, Letcher County Schools, Whitesburg, Kentucky; teacher, Whitesburg High School; teacher, Laurel High School, Laurel, Indiana; research assistant, Bureau of School Service, University of Kentucky; research assistant, Center for Developmental Change, University of Kentucky; research associate, Bureau of School Service, University of Kentucky.

Announcer, teacher, research assistant, director, author

Member National Education Association; Kentucky Education Association; Phi Delta Kappa; President Graduate Education Club, University of Kentucky; National Society for the study of Education.

\* \* \* \* \*

Adult Radio, Title I Program

DONALD F. HOLLOWAY, Associate Professor of Communications  
Station Manager, WMKY-FM  
Director, Institute for Public Broadcasting

A.B. Music, Morehead State University  
A.M. Education-Speech, Morehead State University

Former principal-superintendent, Erie School, Olive Hill, Kentucky; teacher, University Breckinridge, Morehead, Kentucky; teacher, Speech-Theatre, Morehead State University

Principal, superintendent, teacher, manager, director, associate professor



Member National Association of Educational Broadcasters; Program Advisory Committee, National Educational Radio; International Radio Television Society, Faculty Advisory Committee for College Conference; Kentucky Association of Communication Arts, president; University Senate Committee; Undergraduate Curriculum Committee; School of Humanities, Morehead State University

\* \* \* \* \*

Appalachian Adult Basic Education Demonstration Center

GEORGE W. EYSTER, Executive Director  
Assistant Professor of Education

B.A. Psychology, University of Michigan  
Secondary Teacher Certificate, perm. Michigan  
M.S. Education Administration, University of Michigan  
Specialist, Adult Education, Michigan State University

Former psychologist, University of Michigan Childrens Neuropsychiatric Institute; director of Youth Activities; Parent Education; Local State and National Workshops in Community Education; Mott Foundation Program of the Flint Board of Education; executive secretary The Inter-University Training Program for School Administrators; general consultant, elementary, secondary and community education, Michigan Department of Public Instruction; director, adult and community programs, American School Foundation, Mexico City, México; member American Association of School Administrators; Michigan Association of School Administrators; American School Curriculum Development; Michigan Curriculum Committee

Assistant professor, teacher, consultant, author, director, lecturer, researcher

Member National Association for Public School Adult Basic Education Committee; Kentucky Association; National Education Association; National Community School Education Association Publication Committee (Chairman); Adult Education Association; Phi Delta Kappa

N. HAROLD ROSE, Research Administrator  
Assistant Professor of Education

B.S. Agriculture Education, North Carolina State University  
M.Ed. Agriculture Education, North Carolina State University  
Ph.D. Adult Education, minor Educational Research, Florida State University

Coordinator of Appalachian Adult Basic Education Teacher-Training Workshop

Member Adult Education Association, Phi Delta Kappa

ANN P. HAYES, Evaluation Specialist

B.S. University of Vermont  
M.A. University of Chicago (Pending)  
Ph.D. University of Chicago (Pending)

Former research assistant in reading, University of Chicago; Research assistant, National Opinion Research Center; Librarian, University of Chicago; Assistant project director in adult education, University of Chicago.

Member Kappa Delta Pi, Pi Lambda Theta, Phi Beta Kappa, Kentucky Association for Continuing Education, Adult Education Association of the U.S.A., National Association for Public Continuing and Adult Education, Gerontological Society, and the International Reading Association

FRANK COLLESANO, Administrative Assistant

Instructor, School of Applied Science and Technology

B.S. Business, Morehead State University  
M.B.E. Business Education, Morehead State University

Member Phi Delta Kappa, Kentucky Association for Continuing Education

JOHN E. GAUS, Assistant Professor of Education

Learning Center Specialist, Appalachian Adult Basic Education Demonstration Center

B.E. Mechanical Engineering, Yale University, 1945  
M.S. Metallurgical Engineering, Columbia University, 1948  
B.D. University of Chicago Divinity School, 1953  
S.T.M. Lutheran Theological Seminary, Philadelphia (in Religious Education), 1965  
Ph.D. to be awarded January 1970 University of Wisconsin, in Adult Education Minor in Educational Administration

Former Training Coordinator, Central Wisconsin Colony; Research Assistant in Adult Education, University of Wisconsin; Director of Field Services, Wisconsin Council of Churches; Pastor of Lutheran congregations for 9½ years in Pennsylvania; Curator of Mineral Industries Museum, Pennsylvania State University; Metallurgist with General Electric Company, Reynolds Aluminum Company, Bell Telephone Laboratories; U.S. Naval Officer in Pacific

Member AEA. Ordained clergyman, Lutheran Church in America



HUSAIN QAZILBASH, Curriculum Specialist

B.S. Agriculture-University of Sind, Pakistan  
 M.S. Agriculture Education-Montana State University  
 Ph.D. Adult Education - \*Florida State University  
 Diploma in Agriculture Education-Justus Liebig University  
 West Germany

Former graduate assistant (Research and Teaching) Department of Adult Education, Florida State University; Assistant to the Coordinator of Adult Basic Education Teacher-Training Workshops, Florida State University; Library Assistant, University of Guelph, Guelph Ontario, Canada (University of Toronto); Lecturer, Village AID Institute, International Cooperation Alliance; Recipient of the Fullbright Fellowship; Served as interpreter and announcer, Bundes Presse Amt, Bonn, West Germany; Administrative Assistant, USDA, Teacher Training Program, Montana State University

Assistant coordinator of Adult Basic Education, Lecturer, Interpreter, Announcer, Library Assistant

Member Adult Education Association; Phi Delta Kappa; Professional Fraternity; Kentucky Adult Education Association; NAPSAC; International Reading Association; Recipient of "Gold Key" award at Florida State University for scholastic and school service; President of the following; Adult Education Club; Florida State University; International Club; Special Presidential Committee on Student Organizations

\*To be formally completed in February, 1970

LAMAR MARCHESE, Information Specialist

B.A. University of South Florida  
 M.A. University of Florida

Former VISTA Volunteer, Lantz, Maryland; Instructor, Harpers Ferry Job Corps Center, Harpers Ferry, West Virginia; Teacher, Seminole Tribe of Florida Head Start Program, Hollywood, Florida; Graduate Assistant, Radio Center, University of Florida; Summer Intern-African Affairs, Voice of America, Washington, D.C.; Information Specialist, Appalachian Adult Basic Education Demonstration Center, Morehead State University

Instructor, Teacher, Graduate Assistant, Information Specialist

\* \* \* \* \*

Biological Radiation Study

MARGARET B. HEASLIP, Professor of Biology

B.S. Summa cum laude, Ohio State University  
M.S. Ohio State University  
Ph.D. Botany, Ohio State University

Former instructor in Botany, Ohio State University; assistant professor of Botany, Wellesley College, Massachusetts; plant breeder, Burpee Seed Company

Instructor, assistant professor, researcher

Member Sigma Xi, Botany Society of American, Kentucky Academy of Science, Ohio Academy of Science, National Education Association, Kentucky Education Association, American Genetic Association, AIBS, AAAS, Ecol. Society of American, AAUW

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College Science Improvement Program

MADISON E. PRYOR, Chairman, Biological Sciences

B.A. Biology, Morehead State University  
B.S. Pre-professional Curriculum, Morehead State University  
M.A. Education, Morehead State University  
Ph.D. Zoology, University of Tennessee

Former research associate, University of Tennessee; assistant health-physicist, Oak Ridge National Laboratories; research associate, Institute of Polar Studies, Ohio State University; assistant professor, biology, Morehead State University, associate professor, biology, Morehead State University

Researcher, assistant professor, associate professor, teacher

Member Sigma Xi, American Institute of Biological Sciences, American Association for the Advancement of Science, Entomological Society of America.

\* \* \* \* \*

Computer Assisted Instruction

LEONARD BURKETT, Educational Coordinator  
Assistant Professor of Education

B.S. Elementary Education, Eastern Kentucky State  
M.A. Education (Principalship), Eastern Kentucky State  
Ed.D. University of Kentucky

Former elementary teacher, high school teacher, elementary principal

Associate professor, consultant, teacher, coordinator, author,  
researcher, lecturer

Member Phi Delta Kappa; National Education Association, Kentucky Education Association; Inter-university committee ES 70 (Education System for the 70's - Breathitt County), Southern Association of Colleges and Schools committee

\* \* \* \* \*

Head Start - Regional Training Officer

MARY PALMER NORTHCUTT, Head Start Regional Training Officer  
Professor of Education

A.B. Elementary Education, Morehead State University  
M.A. Elementary Education, Morehead State University  
Ed.D. Elementary Education, Peabody

Former director of Testing and Remedial Reading, Wheaton, Illinois; visiting professor, Remedial Reading, University of Kentucky; chairman, Kentucky Committee on Early Education; Kentucky Contract for Elementary, Kindergarten and Nursery Education; Library Committee; project director, Supplementary Training; Rowan County Mental Health Association; Morehead State University Woman's Club

Director, professor, consultant

Member Association for Student Teaching; Association for Supervision and Curriculum Development (national and state); International Reading Association (national and state); Association for Childhood Education International; National Association for Education of Young Children; National Education Association; Kappa Delta Pi; American Association of University Women; Elementary, Kindergarten and Nursery Education; Delta Kappa Gamma

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Home Management Improvement Program

SALLIE L. ALLEN, Instructor of Home Economics

B.S. Home Economics, Bera College  
M.S. Public Health, Nutrition, Case-Western Reserve University  
Dietetics Internship at Harper Hospital in Detroit, Michigan

Former teacher and therapeutic dietitian at Kings Daughters Hospital, Ashland; Cleveland District Dairy Council, Cleveland; Dietician Prestonburg Community College, Prestonburg; Instructor (Home Economics) Dietary Consultant; Medical Care Standards Program with the Department of Health in Frankfort; Home Economics Instructor in Food Service Administration, Morehead State University, Morehead, Kentucky.

Teacher, Therapeutic Dietician, Instructor, Consultant

Member Kentucky State Dietetics Association; American Dietetics Association

\* \* \* \* \*

Institute on the Aging

HARRY H. HITCH, Director  
Institute on the Aging

A.B. Asbury College  
B.D. Asbury Theological Seminary  
M.A. Ohio State University  
Additional graduate work at University of Kentucky

Former public school teacher, Robertson County, Kentucky; Professor of Sociology, Asbury College; Ordained Minister, Methodist Conference of Ohio; Conducted Field Research, Asbury College; Ministerial Work, Kentucky and Ohio; Assistant Professor, Morehead State University

Teacher, Minister, Director

Member NEA; KEA; American Sociological Society; American Association of University Professors

\* \* \* \* \*

Institute for Support Personnel

MILAN B. DADY, Director  
Chairman, Department of Elementary Education  
Director, Training Program for Teacher-Aides

A.B. Kearney, Nebraska State College  
M.E. University of Nebraska  
Ed.D. University of Nebraska

Former classroom teacher, elementary school principal, superintendant of schools, member of advisory committee to Bank Street College of Education serving U.S. Office of Education.

Teacher, principal, superintendant, author

\* \* \* \* \*

Library Insitute

JACK D. ELLIS, Director of Libraries

A.B. Biology-Library Science, Morehead State University  
M.A. Library Science, George Peabody  
Ed.D. Administration, University of Southern Mississippi

Former teacher, librarian, school administrator, supervisor of libraries and educational media in Florida and Kentucky. Consultant to Coronet Films, special consultant to government and industry including General Electric, Honeywell, Manpower Development Training Program, and Womens Job Corps

Teacher, librarian, supervisor, administrator, consultant

Member Phi Delta Kappa, National Education Association, Kentucky Archives and Records Commission, American Library Association

\* \* \* \* \*

Project MUST - Multi-Media Utilization for State Television

NORMAN TANT, Director  
Director, Instructional Media

B.S. State Teachers College, Jacksonville, Alabama  
M.A. George Peabody College for Teachers  
Ph.D. Philosophy in Education, George Peabody College

Former photographer in charge of Audiovisual services; University-wide closed circuit television, broadcast ETV; science teacher; basketball coach, Whitesburg, Georgia High School; English teacher; football, basketball coach, Sparta, Georgia High School; principal, two elementary schools, Monroe, Georgia; director, audio-visual education, Morehead State University; associate professor of education; professor of education; Morehead City Council

Photographer, teacher, coach, principal, director, associate professor, professor

Member Curriculum Study Committee, Governor's Commission on Public Education; National Society for Study Education; National Education Association; Association for Higher Education; Department Audio-Visual Instruction; Kentucky Educational Association, National Geography Society; National Wildlife Association, Hon. Order Kentucky; Phi Delta Kappa

\* \* \* \* \*

#### Project Newgate

ROBERT ELSEA, Director  
Federal Youth Center

B.S. Ohio State University  
M.S. Education, Ohio State University

Former Industrial Arts teacher, Ashville High School, Ashville, Ohio; Related Trades instructor, Federal Reformatory, Chillicothe, Ohio; supervisor of Vocational Training, U.S. Penitentiary, Terre Haute, Indiana; Occupational Research and Development coordinator, Federal Youth Center, Ashland, Kentucky

Teacher, supervisor, coordinator

Member American Vocational Association, Correctional Education Association, Iota Lambda Sigma

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#### Operation Talent Search

FRANK D. SANDAGE, Director

B.A. Secondary Education, Southeast Louisiana College, Hammond, Louisiana  
M.A. Counseling and Guidance, San Diego State College, San Diego, Calif.



Advanced work in Adult Psychology and Counseling, University of Kentucky

Former minister; high school guidance counselor, Mandiville, Louisiana;  
intern in group therapy, San Diego City; director of student  
personnel, Southern Christian College, Winchester, Kentucky;  
instructor, Department of Education, University of Kentucky

Minister, guidance counselor, director, instructor, intern

Member American Personnel and Guidance Association, American College  
Personnel Association, American Counselor Education and Super-  
vision Association, American School Counselor Association,  
American Rehabilitation Counselor Association, American  
Measurement and Evaluation Guidance Association, American  
Association of Humanistic Psychologists, Mid-Western Group for  
the advancement of Humanistic Psychology, Phi Delta Kappa

\* \* \* \* \*

Project for Prospective Teachers of Disadvantaged Youth

NOAH LOGAN, Director  
Instructor of Education

B.S. Morehead State University  
M.S. Education, Morehead State University

Former Industrial Arts teacher, Eire; teacher, Maysville City Schools;  
president, Maysville Education Association; delegate to National  
Education Association

Teacher, director, program developer

Member National Education Association, Kentucky Education Association,  
Kentucky Industrial Education Association, American Industrial  
Arts Association

\* \* \* \* \*

Psychology Equipment Grant

L. BRADLEY CLOUGH, Head, Department of Psychology and Special Education  
Professor in Psychology

A.A. Liberal Arts, Quinnipiac College, Connecticut  
B.A. Psychology, University of Bridgeport, Connecticut  
B.S. Special Education, Southern Connecticut University

M.S. Psychological Measurements, University of Bridgeport, Connecticut  
Ph.D. School Psychology, University of Connecticut

Former teacher of disturbed and retarded children, Stratford, Connecticut;  
Director of Psychology Services; Assistant professor of Psychology,  
Quinnipiac College, Connecticut; Director of Training Program in  
School Psychology; Instructor, University of Connecticut; Assistant  
professor in Psychology, University of Idaho; Director of program  
for learning disorders and training of Clinical Psychologists

Teacher, director, assistant professor, professor

Member American Psychological Association, Kentucky Psychological  
Association, American Educational Research Association, American  
Association of Mental Deficiencies, Council for Exceptional  
Children; Society Sigma Xi, local Morehead Chapter

\* \* \* \* \*

#### Recreation - Title I Program

REX CHANEY, Director  
Director of Programs in Recreation Education  
Director, Title I research project "Stimulation and  
Development of Recreation"

A.B. Physical Education and History, Morehead State University  
M.A. Guidance and Counseling, Morehead State University  
Re.D. Recreation and Physical Education, Indiana University

Former teacher and coach of basketball and baseball, high school  
level; head baseball coach and intramural director, Morehead  
State University; assistant basketball coach and assistant  
professor in Health, Physical Education and Recreation,  
Morehead State University; teaching associate, Department of  
Recreation and Park Administration, Indiana University

Teacher, coach, director, assistant professor

Member American Association of Health, Physical Education and Recreation;  
Kentucky Education Association; board of directors, Kentucky  
Recreation and Park Society; consultant to White House Conference  
on Children and Youth; Morehead State University Curriculum  
Committee; National Recreation and Park Association.

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Regional Urban Internship Program

JACK E. BIZZEL, Chairman  
Department of Political Science

B.S. Business Administration, Southern Illinois University  
M.S. Government, Southern Illinois University  
Ph.D. Government, Southern Illinois University

Former instructor of electronic data processing, Vocational Technical Institute, Southern Illinois University, Associate Professor of Political Science and Computer Science, Morehead State University

Professor, author, researcher, consultant

Member American Political Science Association, Public Personnel Association, Kentucky Conference of Political Sciences, Phi Kappa Phi

\* \* \* \* \*

Science Process Approach

CRAYTON JACKSON, Director  
Director, National Science Foundation  
Professor of Science Education

A.B. Biology, Morehead State University  
M.A. Bacteriology and School Administrator, University of Kentucky  
Ed.D. Science Education, Cornell University

Former rural school teacher, attendance and census officer, supervisor of Science Student Teachers, principal of high school; associate professor of Biology; professor of Science Education; advisor to the Brazillian Minister of Education; advisor to the Breathitt County ES 70 Program, Consultant for Xerox for AAAS Science A Process Approach.

Professor, lecturer, consultant, teacher

Member AAAS, NSTA, AAHE, National Education Association, Kentucky Education Association, ANSS, PDK, NSSA, AETS

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University Breckinridge Library Grants

OPAL HUNT LEMASTER, Instructor in Education  
Librarian, University Breckinridge School

B.S. English, Speech, Library Science, Concord College  
M.A. Education, Library Science, Marshall University  
Post Graduate Hours, Morehead State University and Florida State University

Former teacher-librarian, Logan Senior High School; librarian at Logan Branch of Marshall University; circulation supervisor in Marshall University Library.

Instructor, librarian, consultant

Member American Association of University Women; Kentucky Library Association; National Education Association; Kentucky Education Association; Kentucky Association of School Librarians; Kentucky Audio-Visual Association; Parent-Teacher Association

\* \* \* \* \*

Upward Bound

H. JACK WEBB, Director  
Instructor of Education  
Director of Men's Residence Hall

A.B. History, Morehead State University  
M.A. School Administration and Supervision, Morehead State University

Former history instructor, Raceland High School, Raceland, Kentucky; principal, Danleyton Elementary School, Naples, Kentucky; vice president, Raceland Education Association, Raceland, Kentucky; president, Greenup County Principal's Association; vice president Eastern Kentucky Elementary Principals Association; member, Licking Valley Community Action Board of Directors

Instructor, principal, director

Member Phi Delta Kappa; Morehead State University Education Association; Kentucky Education Association; National Education Association; National Secondary School Principal's Association; National Elementary Principal's Association; National School Public Relations Association; American Association of Higher Education; Kentucky Upward Bound Director's Association.

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FACULTY RESEARCH GRANTS

SCIENCE IMPROVEMENT PROGRAM

FRED M. BUSROE, Assistant Professor of Biology

B.S. Lincoln Memorial University  
M.S.E. University of Virginia  
Additional - University of Michigan & Morehead State University

Former science teacher, Wise County, Virginia; science teacher, Harlan County, Kentucky; Science instructor, Lees Jr. College, Jackson Kentucky; Department Head, Assistant Director COSIP Institute Morehead State University

Teacher, Instructor, Department Head, Assistant Director

Member AAAS, NSTA, AIBS

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FACULTY RESEARCH COMMITTEE CHAIRMAN

DAVID M. BRUMAGEN, Biological Sciences  
Associate Professor of Biology

B.S. University of Kentucky  
M.S. University of Kentucky  
Ph.D. University of Kentucky

Former assistant professor of biology; associate professor of biology; Chairman of Faculty Research Committee, representative of Morehead State University to the University Press of Kentucky; Postdoctoral research fellowship at University of Kentucky

Assistant professor, associate professor

Member American Association for the Advancement of Science, American Phytopathological Society, Sigma Xi, Kentucky Academy of Science

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EFFECT OF GRADE, ALPHABETIZED, AND CATEGORIZED MASTER LISTS OF WORDS CARRYING  
OR EVOKING THE SENSORIAL ASPECTS WHEN APPLIED TO COMPOSITION ON GRADES 3 - 12

LEWIS BARNES, Professor of English

B.S. Louisiana  
B.P.H.E. Toronto  
B.A. Toronto  
M.S. Birmingham  
M.A. Ottawa  
Ph.D. Ottawa  
Ph.D. London

Former instructor, St. Michael's; Assistant Professor, Adelphi;  
Associate Professor, Albany; Associate Professor, Leeds;  
Visiting Professor, Tulane; Professor, Morehead State  
University.

Professor, writer, lecturer, author, researcher, teacher

Member MLA; NCTE; AAUP; KEA; KCTE; Royal Society Middlesex;  
Linguistics, NEA

RUTH BARNES, Professor of English

A.B. English, Bedford  
M.A. English, St. Mary's  
Ph.D. & D. Litt Literature and Language, U.C. Queen Mary, London

Former Leeds, Nottingham, Xavier, Buffalo, Morehead State University  
(Professor of English since 1966)  
Proficiencies: Use of closed TV, Linguistics Instruction,  
Making of materials: Slide-tapes and 8 mm sound and color  
films. Research done of "Cafael" with husband, Dr. L. W.  
Barnes participant in writing programs

Professor, writer, lecturer, author, researcher, teacher

Member NEA, KEA, AAUW, NCTE, KCTE

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THE GENERALIZED INBREEDING COEFFICIENT AND THE GENERALIZED HETEROZYGOSITY  
INDEX IN A RECURRENT SELECTION PROGRAM

ROLENE CAIN, Assistant Professor of Mathematics

A.B. Georgia State College



M.A. University of Illinois  
Ph.D. Virginia Polytechnic Institute

Former teaching assistant, Cornell University; Computer Programmer,  
Cornell University; Research Statistician, University of  
Illinois; Tutor, University of Illinois; Assistant Professor,  
Morehead State University

Research Statistician, Tutor, Computer Programmer, Author,  
Assistant Professor

Member AAUW, ASA, IMS, Biometric Society, Sigma Xi

\* \* \* \* \*

COMPUTER PACKAGE FOR THE DETERMINATION AND ANALYSIS OF RECURRENT GROUPS &  
SYSTEMATICS, PALEOECOLOGY AND GEOCHRONOLOGY OF THE MOLLUSCAN ASSEMBLAGES  
OF THE WACCAMAW FORMATION, NORTH AND SOUTH CAROLINA

JULES R. DUBAR, Head Geoscience Department

B.S. Geology, Kent State University  
M.S. Geology and Paleontology, Oregon State University  
Ph.D. Stratigraphy and Paleontology, University of Kansas

Former senior research associate, Esso Production Research Company;  
director, Graduate Studies and associate professor of geology,  
Duke University; associate professor of geology, University of  
Houston; assistant professor of geology, Southern Illinois  
University; instructor of geology, University of Kansas; con-  
sultant to Florida Geological Survey; consultant to International  
Minerals and Chemical Corporation; visiting professor of geology,  
University of North Carolina; editor, Southeast Geology; project  
geologist, South Carolina Development Board

Professor, associate professor, lecturer, author, researcher,  
consultant, editor

Member Sigma Xi; Theta Gamma Epsilon; Paleont. Research Institute;  
Atlantic Coast Geological Society; A.A.P.G.; A.A.A.S.;  
(Fellow) G.S.A. (Fellow); S.E.P.M.; S.S.Z.; I.O.F.; A.S.O.;  
G.C.S.E.P.M.; P.S.A.

\* \* \* \* \*

FACTORS AFFECTING SPONTANEOUS ACTIVITY FOLLOWING SEPTAL LESIONS

JAMES E. GOTSICK, Assistant Professor of Psychology

B.S. Pennsylvania State University  
M.Ed. Pennsylvania State University  
Ph.D. Syracuse University

Physiological Psychologist - Research in general area of brain lesions and behavior. Teaching courses in Comparative, Physiological and Sensory Psychology

Assistant professor, researcher

Member - None

\* \* \* \* \*

THE WILSON ADMINISTRATION AND THE PRICE RISE OF 1919-1920

JOHN J. HANRAHAN, Professor of History

B.S. Boston College  
M.A. Boston College; M.Ed. Teachers College, Columbia University  
Ph.D. Fordham University

Former teacher and principal in Secondary Schools in Boston, Mass., Bangor, Maine, and Fairfield, Conn; Assistant Professor, Fordham University; Associate Professor, Sacred Heart University  
Historical Research published in Social Education, Connecticut Historical Bulletin, Mid-America.  
Field of research and study: Twentieth Century United States Economic and Political History

Teacher, principal, Assistant Professor, Associate Professor, author, researcher

Member American Historical Association, Organization of American Historians, National Council for the Social Studies

\* \* \* \* \*

A STUDY OF RADIOISOTOPES FOUND IN THE OHIO RIVER ECOSYSTEM IN THE VICINITY OF LOCK 32, VANCEBURG, KENTUCKY

ALLEN L. LAKE, Associate Professor of Biology

B.S. Edinboro State College  
Ed.M. University of Buffalo

Former U.S. Army, 1942-1945, European Theater; Professor of Biology and Head of Science Department, Lees Jr. College (Jackson, Kentucky) 1950-1957; Associate Professor, Morehead State

University, Morehead, Kentucky - 1957-Present

Author, teacher, biologist, researcher, biological illustrationist

Member American Association Advancement of Science; Kentucky Academy of Science; Mu Kappa Gamma; Phi Sigma Chi; American Institute Biological Sciences; The International Oceanographic Foundation; Member of Leaders in American Science

\* \* \* \* \*

AVERSIVE CONDITIONING AS A FUNCTION OF TIME OF DAY

FRANCIS H. OSBORNE, Associate Professor of Psychology

B.A. Cornell University  
M.S. Psychology, Syracuse University  
Ph.D. Experimental Psychology, Syracuse University

Former associate professor in psychology, Morehead State University Teaching and Research; V.A. Stipend Trainee, Psychology; Teaching and Research Assistant, S.U.N.Y. Upstate Medical Center; Research Assistant, Carrier Air Conditioning, Syracuse, New York

Associate professor, teacher, research assistant

Member American Psychological Association; Sigman Xi; A.A.A.S.

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THE PRODUCTION OF IDENTICAL TWINS BY EXPERIMENTAL FISSION OF PREIMPLANTATION MOUSE OVA AT THE 2- 4- and 8- CELL STAGES

JAMES R. SPEARS, Associate Professor of Biology

B.S. Western Kentucky University  
M.S. University of Kentucky  
Ph.D. University of Kentucky

Former graduate assistant, University of Kentucky, 1961-1966; Assistant Professor, Biology, Morehead State University, 1966; CPT US Army 1966-1968; Principal investigator, US Army, Fort Detrich, Maryland; Associate Professor, Biology, Morehead State University, 1968 to present

Graduate Assistant, Assistant Professor, Captain U.S. Army, Associate Professor

Member AAAS; Sigma Xi, Morehead State University

\* \* \* \* \*



PLASTICIZING POROUS MATERIALS

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B.S. Morehead State University  
M.A. Morehead State University  
Advanced work at Eastern Kentucky University

Former Industrial Arts instructor and supervisor of student teachers, Carlisle, Kentucky; Member Scholarship Committee of Central Kentucky Industrial Arts Association; Industrial Arts instructor and supervisor of student teachers, Jessamine County High School, Nicholasville, Kentucky; Authored articles in I.A.V.E. magazine and I.E.A. Bulletins; Wrote a paper on a demonstration laser. Developed the demonstration laser; also a reversing-polarity electroplator, and a plastic vacuum-blow former, along with a plasticizing process

Instructor, Supervisor, Author and Developer

Member K.I.E.A., I.A.V.E., A.I.A.A., A.V.A.

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M.A. Education, University of Kentucky  
Ph.D. Education, Indiana University

Former high school teacher and athletic coach, Hardin County, Kentucky; high school principal, Hardin County, Kentucky; president of the 4th District Educational Association of Kentucky; research assistant, School of Education, I.U.; secretary, Department of Higher Education, Iowa; Dean of the college, University of Dubuque; education consultant for the U.S. Government

Teacher, principal, research assistant, dean, consultant

Member Honorary Fraternities; Kappa Delta Pi, Phi Delta Kappa, Phi Alpha Delta, Who's Who in American Educator, American Legion, Masonic Lodge, American Association of Academic Deans, American Association of Colleges for Teacher Education, American Association of Colleges, American Council of Education, American Academy of Political and Social Science, Academy of Political Science, National Society for the Study of Education

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Former radio broadcaster; director of Admissions, Morehead State University

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B.M.E. Northwestern University  
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Major field of academic preparation - music composition and theory, cello

Former theory, composition and band, Jacksonville State University; head of music department, Morehead State University, chairman Division of Fine Arts

Composer, chairman, professor, dean

Member Phi Mu Alpha Sinfonia; National Board of Governors; State Editorial Board, University Press of Kentucky; Morehead Optimist Club; Alabama Composers League; Southeastern Composers League; Kentucky Association of College Music Departments; National Association of Schools of Music; Music Educators National Conference; Association of Higher Education; National Education Association; Kentucky Education Association; American Association of University Professors; Eastern Kentucky Education Association

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Former high school industrial arts teacher and director of adult education, Illinois; state supervisor of industrial arts, Kentucky; assistant director, Division of Trade and Industrial and Distributive Education, State Department of Education, Kentucky; acting director, Northern Kentucky Vocational School; chairman, Division of Applied Arts, Morehead State University

Teacher, assistant director, professor, dean

Member Optimist Club, American Vocational Association, Kentucky  
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Former associate professor of education and chairman of the Department  
of Instruction at the University of Kentucky; director of  
Student Teaching, University of Kentucky; director, Laboratory  
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Program on Suborne Television, Central Kentucky region, president  
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Associate professor, director, teacher, principal, professor

Member University of Kentucky Chapter of Phi Delta Kappa, National  
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Associate professor, assistant professor, professor, research  
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Member Sigma Pi Sigma, Sigma Xi, Blue Key, Kappa Sigma, American  
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Professor, associate professor, lecturer, author, researcher

Member Sigma Xi; Theta Gamma Epsilon, Paleont, Research Institute; Atlantic Coast Geological Society, A.A.P.G.; A.A.A.S.; (Fellow) G.S.A. (Fellow); S.E.P.M.; S.S.Z.; I.O.F.; A.S.O.; G.C.S.E.P.M.; P.S.A.

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Former high school teacher, Pennsylvania; college teacher, Mansfield  
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Teacher, Professor, Department Head

Member American Home Economics Association; Kentucky Home Economics  
Association; (served on several committees); NEA; KEA; AVA;  
National Council of Family Relationships; Southeastern Council  
of Family Relations; American Association of University Women;  
American Association of University Women; American Association  
of Higher Education; National Council of Administrators of  
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Treasurer of Central Region College Teachers of Clothing and  
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Former assistant professor in Chemistry Department of Rochester  
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Assistant professor, associate professor, Department Head  
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Member American Chemical Society; American Association for the Advance-  
ment of Science; Sigma Xi

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