

drastic changes in the last few years. The primary source of this change has been the clothing industries response to public demand. These materials are designed to acquaint students with recent developments within the industry and expand their awareness of the self image projected through various types of apparel.

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VTP 1989

Title: Scoring Instruments Necessary to Conduct a Product Evaluation of the Leon County Career Education Project.

Principal Investigator: Carl Rehwinkel and James Talley

Recipient Institution: School Board of Leon County, Administrative Office Building, 2757 West Pensacola Street, Tallahassee, Florida, 32304

Start - End Dates: February 1975 to June 1975

Annual Funding: \$900.00

Supporting Agency: Florida State Department of Education, Tallahassee

Contract and/or Control No.: C5-005

Summary of Project: The objectives of the project are (1) to identify and/or develop evaluation instruments capable of distinguishing acquired knowledge attitudes and competencies of students as a result of career education activities, (2) to determine the capabilities of two commercially developed evaluation instruments to distinguish the knowledge, attitudes and competencies of students, grades 9-12, gained through career education project activities as compared to, and in addition to, those gained by their peers in non-project schools, (3) to determine the capabilities of two commercially developed evaluation instruments to distinguish the knowledge, attitudes and competencies of students in selected programs at the vocational technical school, and (4) to provide a basis for item analysis and determination of the capability of these tests to make these distinctions. The methodology is (1) the "Assessment of Career Development" (Houghton-Mifflin) is being administered to selected populations in grades 9 and 11 in the project high school and a selected non-project high school, (2) the "Career Maturity Inventory" (CTB/McGraw-Hill) is being administered to selected populations in grades 10 and 12 in the non-project high school, (3) the answer sheets will be sent to the publishers for scoring and detailed summary of results, (4) these results will be forwarded to University of West Florida where project evaluation will be made and reported, and (5) testing and data collection will be done in January and May.

VTP 1990

Title: Career Needs Assessment for Merged Area IV.

Principal Investigator: Muryl Korver

Recipient Institution: Northwest Iowa Vocational School, Sheldon, Iowa

Start - End Dates: February 1975 to December 31, 1975

Annual Funding: \$4,347.00

Sponsoring Agency: Iowa Department of Public Instruction, Des Moines

Contract and/or Control No.: No data

Summary of Project: The objectives will be to (1) establish the extent of need and interest for career awareness, exploration, preparatory, and supplementary opportunities for Merged Area IV, (2) develop a list of priorities for the career offerings in various school districts of Merged Area IV, (3) establish the optional delivery system(s) for Career Education for Merged Area IV, and (4) develop recommendations regarding the most logical and acceptable delivery system(s) for Career Education. The methodology will be to: (1) establish an advisory committee, (2) determine career education needs for school students, (3) determine local school offerings in career education, (4) determine employment opportunities, (5) determine program needs, (6) determine student enrollment, (7) determine physical need, (8) determine geographical restraints and logic, (9) determine alternates, (10) determine financing, (11) present alternates to advisory committee for recommendations, (12) develop plan of action, (13) prepare final report, and (14) follow-up.

VTP 1991

Title: Women and Career Options: A Research Project to Facilitate Upward Mobility for Women.

Principal Investigator: Nancy R. Walters

Recipient Institution: Central Missouri State University, Warrensburg, Missouri, 64093

Start - End Dates: May 1, 1975 to March 31, 1976

Annual Funding: \$26,894.00

Sponsoring Agency: Missouri Board of Education, Jefferson City

Contract and/or Control No.: No data

Summary of Project: The objectives are to (1) examine the attitudes and stereotypic assumptions about women workers that vocational educators and administrators may hold, (2) promote better understanding about women in the labor force, (3) develop facilitative approaches in communicating with women, (4) develop an understanding of group processes and interaction, (5) understanding the effects of upward mobility on individual women and their families, and (6) continue the growth process by follow-up back on the job. Approximately 125 vocational educators and administrators (both secondary and postsecondary) will take part in training sessions consisting of group activities with groups of 25 individuals for 2½ days each. Leaders will be trained group facilitators. The group activities that will be utilized have been used in human relations group processes with general success in promoting attitudinal change and a willingness to participate and interact in the group. The activities are sequenced by threat level, with the purpose of beginning where the participants are and gradually opening them up and leading them through the learning and awareness sessions. Measures will be used to determine if the teachers and administrators have become more accepting of women. The Attitudes Toward Women Scale will be administered as a pre-test and as a post-test to both the participants and to a group of vocational teachers and administrators not participating in the training sessions to act as a control on the project results. Subjective reactions of the project participants will also be elicited. Statistical analysis of test results will be conducted, and the final report will be submitted at the close of the project.

VTP 1992

Title: The Purposes and Functions of the Area Vocational-Technical School in Industrial Development.

Principal Investigator: Robert E. Wilson

Recipient Institution: University of Missouri-Columbia, Dept. of Practical Arts and Vocational-Technical Education, Columbia, Missouri, 65201

Start - End Dates: March 1, 1975 to September 30, 1975

Annual Funding: \$770.00

Sponsoring Agency: Missouri Board of Education, Jefferson City

Contract and/or Control No.: 2210

Summary of Project: The objective of this study is to compare the perceptions of school administrators, community industrial development officers and industrial relations managers in Missouri regarding the purposes and functions of the area vocational-technical school in industrial development. This study will be conducted through the survey method and there will be five major steps to follow: (1) Obtain from the Missouri State Department of Elementary and Secondary Education a 1973-74 directory of area vocational-technical schools and their administrators. From the Division of Commerce and Industrial Development obtain a list of new industries entering Missouri in 1973 and a list of community industrial development officers, (2) Through a stratified random method of selection area vocational-technical schools will be selected

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to represent the State of Missouri. This selection will include the industrial development corporation and new industries in the community where the area vocational-technical school is located, (3) Develop and pilot test the survey instrument and revise it as needed, (4) Mail cover letter and instrument to each selected participant. Use follow-up procedures as needed to increase data validity, and (5) Compile the data, test the null hypotheses, tabulate and describe the findings, declare the conclusions and state the recommendations.

VTP 1993

Title: Follow-up of Building Construction and Machine Tool Technology Graduates of 1970, 1972, 1974.

Principal Investigator: William C. Warren

Recipient Institution: Southern Maine Vocational Technical Institute, Fort Road, South Portland, Maine, 04106

Start - End Dates: April 1, 1975 to June 30, 1975

Annual Funding: \$3,000.00

Sponsoring Agency: Maine State Department of Educational and Cultural Services, Augusta
Contract and/or Control No.: 75-95-515-74

Summary of Project: The objectives of the study is to determine the (1) employment status of the graduates, (2) employment sequence since graduation, (3) program evaluation as perceived by graduates, (4) program evaluation as perceived by employers, (5) upgrading/retraining needs of graduates, and (6) graduate profile/employer evaluation/profile for programmatic restructuring and development. A full-time investigator will be employed for a three month period to contact and interview all graduates of BC and MTT in the classes of 1970, 1972 and 1974. Employer contacts will be identified through this process and subsequent interviews will be held to evaluate graduates success as perceived by employers. This descriptive data will be presented in a final report to assist in the review, development and restructuring of BC and MTT.

VTP 1994

Title: A Survey of Community Resources and Employment Opportunities Having Implications for Programs of Vocational Agriculture in Connecticut: Phase II.

Principal Investigator: Alfred J. Mannebach

Recipient Institution: University of Connecticut, Storrs, Connecticut, 06268

Start - End Dates: July 1, 1974 to January 31, 1975

Annual Funding: \$28,273.00

Sponsoring Agency: Connecticut Department of Education, Hartford

Contract and/or Control No.: No data

Summary of Project: The objectives of the project are to (1) implement data collection procedures developed in Phase I. Teachers of vocational agriculture will conduct personal interviews with farmers and non-farm firm operators in their regions, (2) compute data and obtain print-outs, (3) analyze data, (4) write reports based upon analysis of the data, (5) write summary and special reports, (6) write final report for Phase II. This study consists of Phase II of a two part project. Phase II will include data collection, computation and analysis, and the writing of necessary reports. It is the implementation stage which builds upon the planning and development initiated in Phase I of the project.

VTP 1995

Title: Fit and Flattery for the Over Fifties: Dress Pattern Alterations Related to Physical Characteristics of Older Women.

Principal Investigator: Elinor R. Nugent

Recipient Institution: Department of Practical Arts and Vocational Technical Education (Home Economics Education), 127 Stanley Hall, University of Missouri-Columbia, Columbia, Missouri, 65201

Start - End Dates: January 20, 1975 to February 21, 1975

Annual Funding: \$350.00

Sponsoring Agency: Missouri State Department of Elementary and Secondary Education, Jefferson City, Missouri

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to provide information regarding dress pattern alteration procedures to teachers of extension and adult education groups in Missouri and other requesting states. The product to be developed will be a bulletin containing methods of adapting dress pattern alterations to the figure variations characteristic of women over fifty and step-by-step procedures for doing the alterations. The product will be printed and disseminated to teachers and instructors of adult education classes and extension programs. It will also be suited for use by individuals participating in such programs.

VTP 1996

Title: Guide to Elementary Guidance and Career Education, and Development of In-Service Package for Implementation.

Principal Investigator: Robert Lathrop

Recipient Institution: Florida State University, Tallahassee

Start - End Dates: January 1975 to June 1975

Annual Funding: \$14,900.00

Sponsoring Agency: Florida Department of Education, Tallahassee

Contract and/or Control No.: D4-014

Summary of Project: The nature of the proposed project is twofold. First, to design the visual format and provide for the coordination of production and mass reproduction of 5000 copies of the Guide to Elementary Guidance and Career Education developed at Florida State University. Second, to design and execute production of 50 In-Service Multi-Media Packages to insure the effective dissemination and diffusion of the concepts and activities presented in the Guide to educators throughout the state. The proposed project will address the immediate need for the visual formatting and design of the Guide as it now exists by working closely with Dr. Ellen Amatea, who is currently an Assistant Professor at the University of Florida. Upon completion of the Guide's design and production, mass reproduction will be coordinated through a commercial printer within the state. Florida State University and the University of Florida will then coordinate activities necessary for the development of the Guide's in-service workshop procedures. This will involve the production of the supporting graphics and media necessary for the workshops which will consist of the design, production and mass reproduction of 50 copies of a five to six minute advance organizer slide-tape presentation for the workshop participants. Activity modules, in addition to guidance charts and posters will also be designed and produced to provide visual support for the workshops.

VTP 1997

Title: Supplementary Funding; Major Curriculum Activities, FY 1974-75.

Principal Investigator: Robert L. Lathrop
Recipient Institution: Career Education Curriculum Laboratory, Career Education Center, Florida State University, Tallahassee
Start - End Dates: January 1975 to June 1975
Annual Funding: \$96,696.62
Sponsoring Agency: Florida Department of Education, Tallahassee
Contract and/or Control No.: C5-004

Summary of Project: The objectives of this project are to (1) survey the state-of-the-art for assessing automotive mechanics competencies, (2) develop a domain chart for automotive mechanics competencies, (3) revise and produce a new catalog of performance objectives for automotive mechanics instruction which will replace the existing catalog, and (4) revise and develop criterion-referenced test items and make further appropriate revisions. The methodology for this project is to (1) revise the existing state-of-the-art to incorporate innovation techniques which have occurred since 1972 in the Automotive Service industry, (2) complete a task analysis of the Automotive Mechanics Occupation, (3) Order each task into an instructional priority, considering difficulty, frequency of performance on the job, and prerequisite relationships, (4) develop a domain chart for Automotive Mechanics competencies, (5) revise and rewrite the existing catalog of performance objectives based on data from the task analysis, (6) revise and rewrite criterion-referenced test items for the performance objectives, and (7) field test the new and revised performance objectives, and from the feedback make further appropriate revisions.

VTP 1998

Title: The Development of Five Individualized Learning Modules for Pre-Service and In-Service Training of Occupational and Technical Administrators.

Principal Investigator: Edmund Gross
Recipient Institution: Dallas County Community College District, 701 Elm Street, Dallas, Texas, 75202
Start - End Dates: April 1, 1975 to April 30, 1976
Annual Funding: \$6,280.00
Sponsoring Agency: Texas Education Agency, Austin, Texas
Contract and/or Control No.: No data

Summary of Project: The objectives of the project are (1) the development of five independent study modules containing the knowledge and skills essential to community college administration, (2) the testing and evaluation of these packages by selected community college administrators in Texas, and (3) an in-service training program by which individuals can master the cognitive knowledge and skill necessary for community college administration. The Dallas County Community College District, in conjunction with an earlier TEA study will identify competencies in five areas of occupational-technical administration. The competencies will be submitted to practicing occupational-technical administrators in the state and the District to verify their accuracy and relevancy to community college administration. Once verified, a project staff from within the District will construct a series of self-contained instructional modules for each of the five areas.

VTP 1999

Title: Development of Videotapes for Mental Health Associate Programs.

Principal Investigator: Jeff Whitley
Recipient Institution: Division of Community and Social Psychiatry, University of Texas Medical Branch, Galveston, Texas, 77550

Start - End Dates: April 1, 1975 to June 30, 1975
Annual Funding: \$8,713.00
Sponsoring Agency: Texas Education Agency, Austin, Texas
Contract and/or Control No.: No data

Summary of Project: The objectives of this project are (1) to work collaboratively with Mental Health Associate Programs in Texas to develop a plan regarding the topics and formats to be used in these tapes; and (2) to produce these videotapes; and (3) to distribute these tapes on a pilot basis and evaluate their effectiveness as a curriculum supplement. A series of meetings will be held with representatives from Mental Health Associate Programs to establish tape topics, priorities for development, and script formats. A minimum of ten tapes will be developed and procedures for dissemination and evaluation will be planned concurrently.

VTP 2000

Title: Comprehensive Manpower Study.

Principal Investigator: Robert Sorensen
Recipient Institution: Moraine Park Technical Institute, Fond du Lac, Wisconsin
Start - End Dates: July 1974 to June 1975
Annual Funding: \$11,447.00
Sponsoring Agency: Wisconsin Department of Public Instruction, Madison, Wisconsin
Contract and/or Control No.: 10-068-151-225

Summary of Project: The objectives of this project are (1) a survey of business and industry to get data of the various occupational areas of which CESA 13 and Moraine Park currently offer occupational training; (2) survey business and industry and identify all the occupational areas of present and projected employment; (3) develop with business and industry a system of keeping employment data updated annually or updated at intervals that will be beneficial to both Moraine Park, CESA 13, and business and industry; and (4) use the opportunity and method to secure other information (such as interest in cooperative education) that may contribute to change of methods or the mission of the district. The procedures and activities of the project are (1) develop overall objectives and procedures with CESA 13; (2) consult with other districts who have conducted a manpower study in order to eliminate procedures that they have found to be ineffective; (3) use the expertise of the WSES and other agencies that offered assistance in providing information and techniques in data collection; (4) develop a data-gathering instrument that will gather the kinds of data needed; (5) after the test run expand, delete, or improve instrument if needed; (6) code all data for easy tabulation by the computer; and (7) work with business and industry in developing an instrument to update data annually or at whatever interval which will aid both the district and the employer.

VTP 2001

Title: Employer Evaluation for the Layout and Erection of Agriculture Pole Buildings, Dairy Equipment and Materials Handling.

Principal Investigator: Dan Wagner
Recipient Institution: Southwest Wisconsin Vocational-Technical Institute, Fennimore, Wisconsin
Start - End Dates: July 1974 to June 1975
Annual Funding: \$1,802.00
Sponsoring Agency: Wisconsin Department of Public Instruction, Madison, Wisconsin
Contract and/or Control No.: 03-026-151-225

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Summary of Project: The objectives of this project are (1) to establish an instructional manual that will allow for self paced instruction on an individual or group basis, (2) to develop a curriculum guide that will be flexible enough for use in full-time day programs such as the following: agricultural buildings serviceman, production agriculture, farm training program, agricultural equipment program, dairy equipment materials handling and building, agricultural mechanics, farm operator technician, farm business management, and other programs offered on a statewide basis that involve farm buildings, (3) to develop realistic curriculum that will allow for part-time instruction of employed individuals on a statewide basis, (4) to develop curriculum that will be flexible enough to allow for disadvantaged students to fully participate in instruction, (5) to find and examine existing curriculum materials if available, and (6) to disseminate the curriculum to all interested individuals desiring such a resource for instruction. The program will be implemented primarily by the agricultural buildings instructor with the assistance of project personnel under the supervision of the administrator of research and planning in cooperation with the administrator of instructional services and appropriate state consultants. A thorough review of the literature will be conducted to ascertain the present development of available curriculum. Employers including manufacturers and erectors of pole buildings will be contacted to obtain realistic concepts on contemporary construction methods to be incorporated within the curriculum. Project staff will work with the advisory committee to obtain additional information for curriculum construction.

VTP 2002

Title: Occupational Analysis of Day Care Workers and Supervisors in the State of Texas.

Principal Investigator: Robert Alciatore

Recipient Institution: The University of Texas at San Antonio, San Antonio, Texas, 78285

Start - End Dates: April 1, 1975 to October 31, 1975

Annual Funding: \$22,362.00

Sponsoring Agency: Texas Education Agency, Austin, Texas

Contract and/or Control No.: No data

Summary of Project: The objectives of the project will be to (1) develop an inventory of tasks performed by child care workers, (2) group the tasks according to levels of difficulty, complexity and responsibility, (3) develop position descriptions composed of related tasks and responsibilities, (4) develop a career ladder composed of positions of increasing difficulty and responsibility, and (5) determine the knowledge and skills needed to perform the tasks in each position. The study involves the development, administration and analysis of a job inventory. The Job Inventory for the main survey will be administered to a sample of approximately 1000 individuals, representative of persons in a range of types, locations and positions in day care centers. Included in the sample will be private non-profit, proprietary and federally funded centers. Child development experts and supervisors will rate difficulty and complexity.

VTP 2003

Title: Development of Curriculum Guide Material for an Industrial Arts Course in Home Maintenance and Repair.

Principal Investigator: Eugene G. Sherrell

Recipient Institution: Industrial Education Department, Southwest Missouri State University, Springfield, Missouri, 65802

Start - End Dates: March 1, 1975 to March 1, 1976

Annual Funding: \$7,225.00

Sponsoring Agency: Missouri Board of Education, Jefferson City, Missouri

Contract and/or Control No.: No data

Summary of Project: The objective of this project will be to determine what information has been developed relating to the service occupations required in the maintenance and repair of the home, and collect such information and develop content material that may be used in a curriculum guide for industrial arts. The procedures of this project are to (1) develop a questionnaire by which one may ascertain the status of home maintenance and repair instruction, (2) consult educators in the different industries and educational institutions that have offered classes in the area of home maintenance and repair for course outlines, content and references, (3) contact the individuals from whom the information can be obtained, set up an appointment, and conduct a structured type of interview, (4) collect data that is pertinent to the research questions, (5) develop an outline covering the content and references for such areas as would be agreed upon by the investigator and consultants, (6) identify and write behavioral or performance objectives and suggest activities that will enable students to reach measurable levels of competency, and (7) write into a final report a curriculum guide from information gained.

VTP 2004

Title: State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1976 Report.

Principal Investigator: Elton B. Mendenhall

Recipient Institution: Board of Regents, University of Nebraska, Lincoln, Nebraska, 68508

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$20,490.00

Sponsoring Agency: Nebraska Department of Education, Lincoln

Contract and/or Control No.: No data

Summary of Project: The objectives are (1) to compile and update the master population of firms, (2) to make a minimum random sample of five percent, (3) to obtain job descriptions from each firm via personal interview, (4) to classify job descriptions collected from employer interviews by using the Dictionary of Occupational Titles as the major reference system, (5) to convert specific titles and codes into corresponding vocational instructional training programs, and (6) to present the report in a format useable for program planning and for career planning and selection. This study is designed to gather occupational information by drawing a random sample from an updated population of firms. The data will be coded into job titles and numbers and cross referenced into vocational instructional training programs when possible. Coded data will be compiled and projected by computer and presented in a printed report which will be disseminated to vocational planners and other interested persons.

VTP 2005

Title: A Determination and Validation of Economic Competencies Required of Persons Working in the Distributive Occupations.

Principal Investigator: Steven A. Egglund

Recipient Institution: The University of Nebraska, Lincoln, Nebraska, 68508

Start - End Dates: April 1, 1975 to June 30, 1976

Annual Funding: \$20,557.00

Sponsoring Agency: Nebraska Department of Education, Lincoln

Contract and/or Control No.: No data

Summary of Project: The objectives of the study are to: (1) carry out a complete state-of-the-art study designed to develop a consensual list of economic competencies thought by economists and economics educators to be essential to economic understanding, (2) validate those competencies as to the extent they are thought by employers and others to be required of persons working in distributive occupations. The first of the objectives will be satisfied by carrying out a thorough and complete literature review of all recent significant thought and activity relating to economic understanding. From this work it is expected that a consensual list of required economic understandings will emerge or will be gleaned. The second of the objectives will be met by exposing that list of understandings to a validation process designed to discover which of the economic understandings are required of competent persons working in distributive occupations. This validation process will involve surveying distributive employers and others in relation to their individual and collective judgements regarding the relative value of each of the previously identified economic understandings.

VTP 2006

Title: An Identification of Employment Pattern and Analysis of Factors Influencing the Earning of Indiana High School Vocational Graduates.

Principal Investigator: Bill Richardson

Recipient Institution: Department of Education, Purdue University, West Lafayette, Indiana

Start - End Dates: July 1, 1973 to February 17, 1975

Annual Funding: \$15,987.00

Sponsoring Agency: Indiana Board of Education, Indianapolis, Indiana

Contract and/or Control No.: No data

Summary of Project: The objectives of the project are to (1) identify the first job taken of graduates of secondary vocational programs; (2) identify the type of employment six months after the completion of the vocational program, (3) identify the type of employment one year after the completion of the vocational program, (4) identify the starting salary and the patterns and amounts of raises, (5) compare the salaries of those employed in the area for which they were trained with salaries of those employed in an area other than the one in which they were trained, and (6) determine the correlation between factors of the employment pattern and vocational program type. The study will be isolated on secondary education. A stratified random sample of twenty-five schools which offer vocational education programs will be selected. The stratification of the sample will depend upon geographic location of the schools, clientele the school serves, and classification of the school by type of curriculum. Each school in the sample will be contacted concerning the study. A researcher will visit each school to identify the persons who have completed at least three semesters in a vocational program area. At the time of the visit, data will be obtained on each person deemed eligible for the study. The personal data collected will be items such as names, addresses, amount of vocational training, etc.

VTP 2007

Title: Development of Instructional Materials for Use by Home Economics Teachers with EMR Students.

Principal Investigator: Fern M. Horn

Recipient Institution: University of Wisconsin - Stevens Point, Stevens Point, Wisconsin

Start - End Dates: July 1, 1973 to June 1974

Annual Funding: \$9,000.00

Sponsoring Agency: Wisconsin Department of Public Instruction, Madison, Wisconsin

Contract and/or Control No.: 4-3670/R004

Summary of Project: The objectives of this project are to (1) identify and review available curriculum materials in home economics which have been developed for use with the educable mentally retarded students, (2) determine gaps in the materials needed for teaching these students either in a special class or enrolled in the regular home economics classes, (3) develop instructional materials which will help the home economics teacher in either situation, (4) field test the materials with home economics teachers who have the EMR students in either situation, and (5) conduct in-service programs or workshops for interested teachers in the development and utilization of materials. The methodology of this project will be to (1) review by project personnel available curricula for the area of home economics which was developed for use in teaching of educable mentally retarded students, (2) selection of classroom teachers who will serve as consultants and field test the materials, (3) identification of the concepts to be developed which will help close the gap in the materials available, (4) develop materials for remainder of identified concepts, (5) field test by selected teachers, (6) analyze data obtained from field testing, (7) revise materials, and (8) organize into a publication, printing, and dissemination.

VTP 2008

Title: Manual for Establishing Societal Benefit and Costs of Post-Secondary Vocational Education in Wisconsin.

Principal Investigator: Mehar Arora

Recipient Institution: University of Wisconsin-Stout, Menomonie, Wisconsin, 54751

Start - End Dates: July 1974 to June 1976

Annual Funding: \$4,380.00

Sponsoring Agency: Wisconsin Department of Public Instruction, Madison

Contract and/or Control No.: 19.059.151.225

Summary of Project: The objectives of this study are to (1) identify societal benefits of vocational programs, (2) develop direct or proxy measures of societal benefits of vocational education programs, (3) develop procedures for measuring identified societal benefits with direct or proxy measures, (4) identify societal costs of vocational programs, (5) develop direct or proxy measures of societal costs of vocational education programs, (6) develop procedures for measuring identified societal benefits with direct or proxy measures, (7) develop procedures for establishing societal benefit-cost ratios of educational programs, (8) establish data base requirements for conducting societal benefit-cost ratios, and (9) pilot test the procedures with one program in one district. The activities of the project include: (1) review of literature, (2) identify societal benefits, (3) develop measures and procedures for establishing societal benefits, (4) identify societal costs, (5) develop measures and procedures for establishing societal costs, (6) develop procedures for establishing benefit-cost ratios, (7) establish data base requirements, (8) pilot test.

VIP 2009

Title: Model for Offering Correspondence Courses Through the VTAE System.

Principal Investigator: William J. Becker

Recipient Institution: Gateway Vocational, Technical and Adult Education District, Kenosha, Wisconsin

Start - End Dates: July 1974 to June 1975

Annual Funding: \$4,161.00

Sponsoring Agency: Wisconsin Department of Public Instruction, Madison

Contract and/or Control No.: 06-083-151-225

Summary of Project: The prime objectives of this project are (1) to determine if correspondence study is a viable approach for offering our type of education to the residents of Wisconsin who want and need our type of educational programming, and (2) to design a correspondence study model for vocational, technical and adult education which will be operative within our system and help meet the type of educational wants and needs of Wisconsin residents -- indeed the courses could be exported nationally and internationally. The specific phases of this study will be: Phase I -- This phase will be largely library research, to determine what is known and what is being done in correspondence study courses; Phase II -- Contact other public and private schools, universities, businesses, industries, government, etc. to determine what they are offering in correspondence courses and how their correspondence study programs function; Phase III -- Visit one or two institutions, preferably technical schools or junior colleges and preferably in the mid-west, offering correspondence study programs to observe their programs and study their operational procedures; Phase IV -- Begin to draw together the results of the study, reach tentative conclusions and develop two or three possible models for offering correspondence study programs within our VTAE system; Phase V -- Conduct a one day workshop at Gateway or the State Office for Gateway and state staff personnel interested in the correspondence study program to hear the results of the study, review the proposed models and develop a dialogue concerning the conclusions and recommendations relative to the feasibility of developing a model for implementing a correspondence study program within the VTAE system; Phase VI -- Draft, prepare and reproduce the final report for this project.

VTP 2010

Title: Data Processing Machine Operations Curriculum Evaluation.

Principal Investigator: William J. Becker

Recipient Institution: Gateway Vocational, Technical and Adult Education District, Kenosha, Wisconsin

Start - End Dates: July 1974 to June 1975

Annual Funding: \$3,807.00

Sponsoring Agency: Wisconsin Department of Public Instruction, Madison, Wisconsin

Contract and/or Control No.: 06-085-151-225

Summary of Project: The objectives of the study will be to (1) interview a random sample of former students of the Data Processing Machine Operations programs throughout the State of Wisconsin and their respective employers to determine the strengths and weaknesses of the present program, (2) To survey a larger sample of the former students, via a mail questionnaire, and their respective employers, (3) survey the instructors in the Data Processing Machine Operation program to obtain their input as to how the program may be improved, and (4) interpret the results of these interviews and surveys to reach conclusions which will be substantiated by the findings. A list of recent former students in these programs will be provided by the State Board of Vocational, Technical and Adult Education. A random sample of these former students and their employers will be interviewed and/or be contacted via mailed survey instruments. It is anticipated that 20 or more graduates and their employers will be personally interviewed and a simple task analysis conducted. Efforts will be made to receive another 50 completed mail survey instruments from both graduates and their employers. Survey instruments will be mailed to instructors in these programs to obtain their input. Upon completion of the interviews and after obtaining the results of the mailed questionnaires, the data will be compiled and analyzed, conclusions reached and recommendations made.

VTP 2011

Title: A Study to Develop a Course of Study for North Dakota Vocational Agriculture/Agri-Business Programs.

Principal Investigator: Eric Arntson

Recipient Institution: Watford City Public Schools

Start - End Dates: March 1975 to June 1976

Annual Funding: \$14,100.00

Sponsoring Agency: North Dakota Department of Public Instruction, Bismarck, North Dakota

Contract and/or Control No.: No data

Summary of Project: The major objectives of the project will be to develop a fully articulated Curriculum Guide for Vocational Agriculture/Agribusiness programs in North Dakota. The material will cover instructional content for grades nine through twelve in a recommended sequential order. The materials will be developed by the project director in conjunction with the state office and the advisory committee. The material will be designed for North Dakota secondary schools with Vocational Agriculture/Agribusiness programs. The approximate number of programs is 87 with a student enrollment of 6,600. Only those materials which meet the criteria determined by the advisory committee will be utilized in the study. They must be compatible with North Dakota agricultural needs. All material will be purchased by the project director, in cooperation with the State Supervisor and analyzed by the committee according to each member's specific interest area and professional preparation.

VTP 2012

Title: An Exploratory Study of the Sociological and Psychological Impacts of Mid-Career Changes for Women.

Principal Investigator: Orville Nelson

Recipient Institution: University of Wisconsin-Stout, Menomonie, Wisconsin

Start - End Dates: July 1974 to June 1975

Annual Funding: \$5,259.00

Sponsoring Agency: Wisconsin Department of Public Instruction, Madison, Wisconsin

Contract and/or Control No.: 19.006.151.225

Summary of Project: The objectives of this project are to (1) identify areas of personal conflict for women changing careers, (2) identify common socio-economic and psychological benefits enjoyed and liabilities incurred by these women, and (3) design a useful model for mid-career decision-making whereby these women and those working with them, such as teachers, employers and counselors can better understand, cope with, and utilize the personal dynamics of their changing lifestyles. A survey and interview procedures will be used to elicit the women's perceptions of the sociological and psychological changes in their lives due to their change of careers. Women in the VTAE system will be sampled who are between the ages of 30 and 49. An attempt will be made to identify and interview a minimum of twelve women who meet the criteria for the same.

VTP 2013

Title: Evaluation of Auto Body Curriculum by Utilizing Employer and Graduate Ratings.

Principal Investigator: Daniel Wagner

Recipient Institution: Southwest Wisconsin Vocational-Technical Institute, Fennimore, Wisconsin

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Start - End Dates: July 1974 to June 1975

Annual Funding: \$4,569.00

Sponsoring Agency: Wisconsin Department of Public Instruction, Madison, Wisconsin

Contract and/or Control No.: 03-044-151-195

Summary of Project: The objectives of this project will be to take a personal survey of a random selection of graduates of the Auto Body programs throughout the State of Wisconsin and their respective employers to determine the strengths and weaknesses of the present Auto Body curriculum. A list of recent graduates of the Auto Body programs in the State of Wisconsin will be provided by the State Department of Vocational, Technical and Adult Education. A random number of these students will be contacted, along with their employers, either personally or through a mailed document. Upon completion of the personal interviews and after obtaining the results of the mailed questionnaire, data will be compiled and analyzed and recommendations will be developed for proposed changes in the Auto Body program.

VTP 2014

Title: A Workshop to Develop Competency-Based Evaluation Strategies for Specialized Distributive Education Curriculum Areas.

Principal Investigator: James Burrow

Recipient Institution: The University of Nebraska-Lincoln

Start-End Dates: June 23, 1975 to July 11, 1975

Annual Funding: \$3,011.00

Sponsoring Agency: Nebraska Department of Education, Lincoln, Nebraska

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) select competencies from lists of Nationally identified and validated competencies that are appropriate for the occupational categories of Apparel and Accessories and/or Food Service, (2) write specific behavioral objectives for the identified competencies, (3) design activities based on those objectives to be used by students to demonstrate their occupational competence in the specified occupational areas, and (4) develop evaluation instruments that will measure the performance level of students on the specified competencies. This activity will be accomplished through a one-week writers' workshop. The workshop format will allow persons with expertise in the identified occupational categories to develop and evaluate curriculum materials for specialized distributive education curriculum areas utilizing a cooperatively developed format. The project director will have previously participated in a national workshop designed to prepare him to direct the state-level writers' workshop.

VTP 2015

Title: The Implementation of a Comprehensive, K-Adult Career Education Program in a Rural Setting.

Principal Investigator: Charles O. Morehouse

Recipient Institution: Kimball Public Schools Districts #1 and #3, 901 South Nadine Street, Kimball, Nebraska, 69145

Start-End Dates: October 1, 1975 to June 30, 1976

Annual Funding: \$25,000.00

Sponsoring Agency: Nebraska Department of Education, Lincoln, Nebraska

Contract and/or Control No.: No data

Summary of Project: The Kimball Public Schools Districts #1 and #3 proposes to develop, revise, and implement a school-based career education model with the following

objectives: (1) develop a teacher based comprehensive occupational guidance, counseling and placement service for high school students, (2) carry on a continuous inservice education program for school staff and people of the community, (3) completion of systematic approach for follow-up of graduates and dropouts, (4) develop specific vocational cooperative education offerings related to reimbursable programs, and (5) structure the elementary school curriculum K-6, around the theme of career opportunities and requirements in the world of work. There will be an extensive inservice program to assist the K-12 professional staff in transferring the philosophy of career education into an integral part of their programs. The emphasis in terms of curriculum development will be at the secondary level.

VTP 2016

Title: The Development and Dissemination of a Manual for the Organization and Administration of Adult Distributive Education in Nebraska.

Principal Investigator: Steven A. Egglund

Recipient Institution: The University of Nebraska-Lincoln

Start - End Dates: May 15, 1975 to August 31, 1975

Annual Funding: \$1,575.00

Sponsoring Agency: Nebraska Department of Education, Lincoln

Contract and/or Control No.: No data

Summary of Project: It is the general purpose of this study to develop and disseminate in Nebraska a manual of guidelines to be used by distributive education teacher-coordinators in Nebraska's secondary and post-secondary educational institutions. The procedures will be to (1) conduct all necessary background research and review of literature. Literature review will include adult learning theory, program development theory, and state of the art of adult distributive education in the nation and in Nebraska, (2) refine purposes and objectives, (3) write manual from acquired information base, (4) plan workshop for presenting and distributing manual. The workshop will be a part of the annual Nebraska Vocational Education Conference to be held in Kearney, Nebraska in August 1975, and (5) present and distribute manual at workshop.

VTP 2017

Title: In-Service Program in Curriculum Design and Media Development for Selected Vocational Office Educators.

Principal Investigator: Margaret H. Johnson

Recipient Institution: University of Nebraska-Lincoln

Start - End Dates: June 1, 1975 to June 30, 1975

Annual Funding: \$10,512.00

Sponsoring Agency: Nebraska Department of Education, Lincoln

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to enable vocational office educators at secondary and post-secondary levels to translate career education theory into conceptual and operational curriculum models appropriate for the development of specialized secretarial and administrative office competencies; to improve skills in career guidance and development of student competencies in specialized office secretarial and administrative management careers. Participants will explore selected business offices, observe specific on-the-job performance within such offices, and develop and skills necessary for curriculum design and media development based upon current office positions and employer expectations. Twenty vocational

office educators in Nebraska will be selected on the basis of specific criteria to participate in a three-week in-service program, summer, 1975, for the development of curricular modules and instructional media based upon current and emerging careers in secretarial and administrative areas. Specifically, career modules and multi-media will be developed upon the basis of the following major specialized secretarial and administrative occupational areas: (1) medical, (2) legal, (3) educational, (4) technical, (5) advertising, (6) bilingual, (7) church, (8) receptionist, (9) word processing supervisor, (10) administrative secretary, (11) the certified professional secretary, and (12) administrative manager.

VTP 2018

Title: Implementation and Expansion of the V.I.C.A. Student Organization at the Secondary and Post Secondary Levels in the State of Nebraska.

Principal Investigator: Richard E. Johnston

Recipient Institution: Board of Regents, University of Nebraska, Lincoln, Nebraska

Start - End Dates: July 14, 1975 to June 30, 1976

Annual Funding: \$10,000.00

Sponsoring Agency: Nebraska Department of Education, Lincoln, Nebraska

Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to correct the apathetic climate in the state toward the VICA youth organization. The procedures to be followed are: (1) preplan workshop and follow-up activities and subsequent one day workshops with coordinator and consultants, (2) put in motion a recruitment program for twenty-five participants, (3) conduct workshop, (4) visit participants periodically to assist in program development, (5) plan and conduct one workshop based upon participant feedback, (6) assess and evaluate program, and (7) develop, print and disseminate final report.

VTP 2019

Title: Lincoln Career Education Project, Placement Component.

Principal Investigator: Carl R. Spencer

Recipient Institution: Lincoln Public Schools, 720 S. 22nd, Box 82889, Lincoln, NE, 68501

Start - End Dates: June 11, 1975 to June 10, 1976

Annual Funding: \$25,000.00

Sponsoring Agency: Nebraska Department of Education, Lincoln

Contract and/or Control No.: No data

Summary of Project: The objective of the project is to complete development and field test of a model for placement which has the following characteristics: (1) results in students' being placed in the next step of their career plan consistent with their interests and abilities, (2) results in students' being prepared to meet entry level criteria on those placements, (3) works cooperatively with Nebraska Job Service, (4) emphasizes linkages between placement services and vocational education programs, and (5) is conducted by existing school staff and is integrated into existing school program inasmuch as possible. The procedures followed will be to (1) continue development and field test of a system for providing all students in target schools a wide range of career information which will assist them in making viable career choices, (2) continue development and field test of a system for providing all students in target schools up-to-date occupational information both of a general and specific local nature, making use of both CISI and Job Service, (3) expand long term placement opportunities of a cooperative type for students in vocational programs in the target

schools, and increase placement activities in those vocational programs, (4) continue development and field test of a system for providing exiting interviews and career planning assistance to all seniors in the target schools, and (5) assist each target school to establish goals in each high school regarding placement and to install appropriate procedures.

VTP 2020

Title: Salary Comparison of Secretarial Graduates with Power Typing Skills.

Principal Investigator: Beverley M. Funk

Recipient Institution: Everett Community College, 801 Wetmore Avenue, Everett, WA, 98201

Start - End Dates: April 1, 1975 to June 1, 1975

Annual Funding: \$840.00

Sponsoring Agency: Washington State Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to determine if there is a need for power typing training in the secretarial department of Everett Community College by comparing future salaries of 10 students with the training versus 10 students without the training. The power typing skills will be provided through the use of a self-paced manual, together with the availability of a knowledgeable instructor (the project director). Students enrolled in the project will earn academic credit for their participation. Each student should spend at least 30 to 40 hours of scheduled classroom time in learning the operation and application of the equipment. Additional time may be provided to permit maximum learning, practice of applications, and opportunities to complete sample projects.

VTP 2021

Title: The Oregon Vo-Tech Math Project.

Principal Investigator: Dell Sweaningen

Recipient Institution: Linn-Benton Community College, Albany, Oregon

Start - End Dates: July, 1974 to July, 1975

Annual Funding: \$14,986.00

Sponsoring Agency: Oregon Department of Education, Salem

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to print and disseminate existing problem sets produced by the Oregon Vo-Tech Math Project in a format which will facilitate their use in the classroom. The project director will nominate four previous project participants to serve as members of a review board. The members of this review board are subject to steering committee approval on January 26, 1974. This review board will convert the rough draft problem sets to the adopted format by August 1, 1974. Using the materials gathered during the previous summers, the review board will continue to identify general objectives related to specific occupational career areas. Once converted to the individualized format the problem sets will be typed in print-ready form by August 10, 1974.

VTP 2022

Title: Establishment and Operation of a Student Job Placement Service.

Principal Investigator: John E. Swann

Recipient Institution: Lynchburg City Schools, Lynchburg, Virginia

Start - End Dates: July 1, 1975 to June 30, 1978

Annual Funding: \$32,304

Sponsoring Agency: Virginia Department of Education, Richmond

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are (1) to assist in the placement of dropouts and arranging for their continued education where feasible, (2) to assist in the placement of high school graduates, (3) to assist in the placement of high school students who want part-time jobs, work experience, (4) to work closely with coordinators of the various cooperative education programs in placement of students, (5) to work closely with the guidance personnel in their efforts to assist students with education for employment. The placement director will (1) establish a system of communications with the business community and with the school system to keep interested persons informed about the placement services of the school, (2) establish a step by step procedure whereby students may use the placement services, (3) plan a program of mini-courses to prepare students for job application and interview, (4) set up a procedure for coordinating the work of the placement service with coordinators of work-training programs, local employment commission, local employment agencies, and personnel offices, and (5) mail placement office brochure to employers in the community which explains the purpose and function of the Placement Service. This communication is followed by a visit to employers by the Placement Director. On this visit, the Placement Director makes a report which will be used for future reference.

VTP 2023

Title: Vocational Education Program Evaluation Project.

Principal Investigator: Donald E. Elson

Recipient Institution: Virginia Polytechnic Institute and State University, Blacksburg, Virginia

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$5,500.00

Sponsoring Agency: Virginia Department of Education, Richmond

Contract and/or Control No.: No data

Summary of Project: The objectives of this research are (1) to determine through a state-of-the-art study the current approaches to the use of visitation teams, (2) to develop and field test the procedures and guidelines for use of visitation teams in Virginia, (3) to continue to expand and improve the Annual Local Evaluation as a self-evaluation procedure. The information gained from the state-of-the-art study will be the basis for the development of the procedures and guidelines for visitation teams. State supervisory personnel and others with expertise in this area will be consulted as the procedures and guidelines are being developed. After development, the procedures and guidelines will be field tested in three to five school divisions. Each site will represent a different set of problems, thus testing the validity of the procedures and guidelines. The sites will be chosen in consultation with the DVE/SDE staff. Final revisions will be made in the procedures and guidelines after the completion of the field test.

VTP 2024

Title: Coordination of Field Services for Students Having Completed a Vocational Training Program at the Youth Development Center and Returned to Their Home Community.

Principal Investigator: Brad W. Bigelow

Recipient Institution: Youth Development Center, Kearney, Nebraska, 68847

Start - End Dates: April 16, 1975 to April 15, 1976
Annual Funding: \$15,166.24
Sponsoring Agency: Nebraska Department of Education, Lincoln
Contract and/or Control No.: No data

Summary of Project: The purposes of this project are to serve as a liaison between the institutional vocational training programs in which students have participated, and the community. Other objectives would relate to assisting in further vocational training when appropriate, locating employment contacts and resources, insuring consistent work habits, and aiding in the student's personal adjustment. The coordinator would acquire a caseload through regular contact with YDC staff, PPC group leaders, vocational instructors and VRS who are familiar with the student's progress, potential for training and readiness for employment. The coordinator would then be involved, in cooperation with juvenile parole, in developing a plan for the student in terms of placement and the establishment of realistic vocational goals. The coordinator would then be responsible for making agency and employment contacts and do follow-up to determine the student's adaptability and progress. The coordinator would also develop a comprehensive file containing suitable training programs and sources of employment for the student.

VTP 2025

Title: A Model Distributive Education Competency Based Learning Laboratory.

Principal Investigator: James Strate
Recipient Institution: University of North Dakota, Grand Forks
Start - End Dates: July, 1975 to June, 1976
Annual Funding: \$5,100.00
Sponsoring Agency: North Dakota Department of Education, Bismarck
Contract and/or Control No.: No data

Summary of Project: The purpose of this project is to develop a model competency D.E. model store to determine and develop specific competencies in undergraduate and graduate D.E. majors, as well as in-service workshops for secondary and post-secondary coordinators. Procedures will be to (1) identify desired competencies by cooperating with the State Board for Vocational Education staff, an advisory committee of teacher-coordinators, businessmen and administrators, as well as utilize the competencies identified in Dr. Lucy Crawford's study conducted at VPI in 1963-69, and local visits to current programs to observe and gather pertinent data in relation to the model store. (2) Proper materials and equipment will be obtained to develop these competencies. (3) Workshops will be offered to expose current coordinators to the identified tasks. (4) Evaluation of the project by the State Board for Vocational Education and the UND Business and Vocational Education Department.

VTP 2026

Title: Home Economics Related Occupations Promotion in Nebraska Through Media, Visitations and Professional Development.

Principal Investigator: Marcene L. Gillman
Recipient Institution: Kearney State College, Kearney, NE, 68847
Start - End Dates: July 1, 1975 to June 30, 1976
Annual Funding: \$16,000.00
Sponsoring Agency: Nebraska Department of Education, Lincoln
Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) visit Nebraska secondary home economics teachers and administrator who have indicated an interest in developing HERO programs, (2) develop and utilize existing materials for dissemination to home economics teachers in order to aid them in initiating and administering HERO programs, (3) facilitate a public relations thrust which would include publications, use of mass media and personal visitations to target populations, and (4) provide in-service instruction in curriculum development and course organization for secondary home economics instructors. The procedures of this project are (1) to visit selected home economics teachers and their administrators throughout the state of Nebraska, (2) to conduct a public relations thrust which consists of informative brochures, newsletters of HERO happenings, radio and newspaper articles, use of a slide series, and (3) to teach three HERO workshops during the 75-76 fiscal year.

VTP 2027

Title: Postsecondary Vocational Education Students in Kentucky: An Analysis of Variables Associated with Their Enrollment in Two Types of Institutions.

Principal Investigator: Royce Justin

Recipient Institution: Bureau of Vocational Education, Planning and Evaluation Unit, Kentucky State Department of Education, Frankfort

Start - End Dates: May 15, 1975 to June 30, 1975

Annual Funding: \$2,000.00

Sponsoring Agency: Kentucky State Department of Education, Frankfort

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) determine if students enrolled in postsecondary vocational programs at Kentucky state vocational-technical schools differ significantly in respect to selected variables from students enrolled in postsecondary vocational programs in the University of Kentucky Community College System, (2) obtain, organize and present data regarding characteristics of students currently being served in two types of postsecondary vocational education institutions in Kentucky, and (3) disseminate findings and conclusions. A sample of first-year, full-time postsecondary vocational education students will complete a questionnaire. Responses will be analyzed to determine if students enrolled in selected state vocational-technical schools differ significantly from those enrolled in selected community colleges.

VTP 2028

Title: Utilizing Community Resources.

Principal Investigator: Alan C. Goetz

Recipient Institution: Multnomah County Intermediate Education District, P. O. Box 16657, Portland, Oregon, 97216

Start - End Dates: December 1, 1973 to June 30, 1975

Annual Funding: \$4,000.00

Sponsoring Agency: Oregon Department of Education, Salem

Contract and/or Control No.: No data

Summary of Project: Objectives of this project are (1) committee will determine content of a film, "Utilizing Community Resources." (2) Committee will contact with film company for production of film. (3) Committee will coordinate school and resource personnel in-service efforts involving use of final film. (4) Film will be reviewed and if necessary revised according to feedback from all groups serviced. Activities will include (1) field interviews with teachers, district career education coordinators,

and community representatives, (2) consensus agreement after analysis of feedback from persons interviewed ("Best Choice" decision), (3) survey area for names of production companies, (4) examine service record of production companies, especially with educational institutions, (5) select production company on basis of record, location, services available, and cost estimates ("Best Choice" decision).

VTP 2029

Title: Vocational Equipment Amortization Procedure for the Vermont Vocational/Technical Centers.

Principal Investigator: Luther G. Tabor

Recipient Institution: Burlington Area Vocational/Technical Center, Burlington, Vermont

Start - End Dates: July 1, 1975 to November 30, 1975

Annual Funding: \$7,424.00

Sponsoring Agency: Vermont Office of Economic Opportunity, Montpelier

Contract and/or Control No.: C-75-4

Summary of Project: The objectives of this project are to (1) list all the equipment that is found in shops and laboratories by singular instructional area or by groups of areas, (2) determine the reasonable life expectancy of each piece of equipment in each instructional area or group of areas, and (3) determine the salvage value of each piece of specified equipment. The procedures will be to (1) select those programs that best exemplify the equipment common to each area or group of areas, (2) design an inventory data reporting and retrieval system that can be used for efficient input, updating and classroom use, (3) list the common equipment whose purchase prices are one hundred dollars (\$100.00) or more, (4) using equipment vendors, local industrial representatives and advisory committee members, determine the life expectancy of each piece in an industrial setting, and (5) using the best judgement of the teacher, designate the reasonable life of each piece in a school setting. This date to be entered in the data processing system.

VTP 2030

Title: Vocational Program Options Study for College Bound Students.

Principal Investigator: Joseph Silver

Recipient Institution: Town of Hartford School District, White River Junction, Vermont

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$1,494.00

Sponsoring Agency: Vermont Office of Economic Opportunity, Montpelier

Contract and/or Control No.: C-75-3

Summary of Project: The objectives of this study are: (1) to determine the knowledge and opinions of both the counselors and college bound students of the sending schools to the Hartford Area Vocational Center, (2) to carry out a survey, and compilation of the results, of selected New England schools of post secondary education, and (3) to determine the affect this information has on counselors and college bound students. The following activities will be carried out: (1) contact sending schools administrators and counselors in order to orient them to the study and receive their cooperation in carrying it out in their particular school, (2) develop pre and post tests in the form of questionnaires for counselors and students, (3) compose survey for the selected New England schools of secondary education, (4) have questionnaires and surveys completed by the appropriate people, and (5) compile returns and collate data.

VTP 2031

Title: Course Development for Wage-Earning Home Economics.Principal Investigator: Edward L. AllenRecipient Institution: Town of Hartford School District, Tafts Avenue, White River Junction, VermontStart - End Dates: April 15, 1975 to June 30, 1976Annual Funding: \$1,470.00Sponsoring Agency: Vermont Office of Economic Opportunity, MontpelierContract and/or Control No.: C-75-2

Summary of Project: The objective of this project is to develop a wage earning home economics course which will equip the student with skills in three occupations. The three are Sewing Alterations, Hospitality Trades and Hotel-Motel Management. The task force will define the skills and information needed to equip the students in each area of training. It will combine the experience of the teachers with the identified needs of the industry which the consultants will bring to the group. The course outline will be developed and learning activities defined to the extent that a trial course offering can be made at Hartford for 1975-1976.

VTP 2032

Title: Preliminary Research into Programs for Teaching Mathematics to Disadvantaged.Principal Investigator: Robert L. DayRecipient Institution: Essex Junction Vocational-Technical Center, Essex Junction, VermontStart - End Dates: July 1, 1975 to June 30, 1976Annual Funding: \$3,000.00Sponsoring Agency: Vermont Office of Economic Opportunity, MontpelierContract and/or Control No.: C-75-6

Summary of Project: The objectives of this project are (1) to investigate methods used in other schools that could be adopted for teaching math skills to academically disadvantaged students in vocational programs, (2) to investigate methods of identifying students needing remedial math help, (3) to determine from research finding the appropriate methods for teaching remedial math to students at the vocational center, and (4) to assemble a pilot project from research findings on identifying specific math deficiencies of students in selected vocational programs. The procedures to be followed are: (1) determine through the ERIC system what programs have been developed in teaching remedial mathematics. Particular emphasis will be placed on those programs teaching single concept math, teaching for the academically disadvantaged, teaching with AV equipment (TV Cassette), self-learning methods and programs that could be adapted to vocational programs, (2) visit programs that seem to be adaptable to our needs to ascertain possible problem areas, and (3) determine ways in which students are selected for remedial math work and to conduct pilot selection procedure on a particular program.

VTP 2033

Title: Remedial and Developmental Reading for Vocational Students Grades 9-12 (from Rural and Small Town Backgrounds).Principal Investigator: Alfred PersicoRecipient Institution: Lamoille Union High School, Hyde Park, VermontStart - End Dates: July 1, 1975 to September 1, 1975

Annual Funding: \$1,500.00

Sponsoring Agency: Vermont Office of Economic Opportunity, Montpelier

Contract and/or Control No.: C-75-5

Summary of Project: The objective of this project is to discover all the available research and programs that have been developed for vocational high school students in rural areas. To assemble this information, letters shall be written to state universities and other institutions whose educational research can reasonably be expected to have addressed such problems. Moreover, communications shall be conducted with such specialists as the Bladridge Reading Institute and Tower Hill. ERIC, AIM, and the resources of UVM shall be examined.

VTP 2034

Title: Follow-up of Automotives and Metals Graduates of 1972, 1973, 1974.

Principal Investigator: Richard Harvey and George Willett

Recipient Institution: SAD #9, Farmington, Maine

Start - End Dates: April 1, 1975 to June 30, 1975

Annual Funding: \$3,100.00

Sponsoring Agency: Maine State Department of Educational and Cultural Services, Augusta

Contract and/or Control No.: 75-95-530-74

Summary of Project: The objectives of this project are to (1) develop a follow-up research instrument by involving the director, counselor, staff and a research associate, (2) conduct a follow-up using personal contact, telephone and mailing, and determine by results gathered, the most effective technique, and (3) design the project so that it will have transportability to other vocational centers, and disseminate this information through the Maine State Department of Vocational Education. The vocational director, counselor and a research associate will design and develop an instrument which will be used to gather follow-up information via three methods: personal contact, telephone, and through the mail. Prior to the development of the research instrument, the faculty will be consulted as to particular information which could be of help in program improvement.

VTP 2035

Title: Career Guidance for Community Adults.

Principal Investigator: Paul Paulson

Recipient Institution: Bangor Community College of the University of Maine at Orono

Start - End Dates: April 1975 to June 1975

Annual Funding: \$5,142.00

Sponsoring Agency: Maine State Department of Educational and Cultural Services, Augusta

Contract and/or Control No.: 75-96-531-74

Summary of Project: The objectives of this project have been established for each program goal in order to focus program efforts and facilitate measurement of progress. Program goals will be reached through group and individual guidance sessions as well as through the actual practice of career planning and job finding techniques.

VTP 2036

Title: Production of a Curriculum Guide for Career Guidance for Community Adults.

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Principal Investigator: Paul Paulson

Recipient Institution: Bangor Community College of the University of Maine at Orono

Start - End Dates: April 1975 to June 1975

Annual Funding: \$226.66

Sponsoring Agency: Maine State Department of Educational and Cultural Services, Augusta

Contract and/or Control No.: 75-96-530-73

Summary of Project: The objectives are to be established for each of the program goals in order to focus program efforts and facilitate measurement of progress. Program goals will be reached through group and individual guidance session as well as through the actual practice of career planning and job finding techniques.

VTP 2037

Title: Video Articulation and Guidance.

Principal Investigator: Leslie R. Adams

Recipient Institution: Kennewick School District

Start - End Dates: January 1975 to June 1975

Annual Funding: \$1,185.00

Sponsoring Agency: Washington Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to increase enrollment at Columbia Basin College from the current "0" to "15" full-time students in a new agriculture program by June 1, 1975 at a cost of \$1,185. A video tape program will be developed locally which will reveal the occupational opportunities, educational preparation activities and the career values of a developing agriculture program at Columbia Basin College. The video program will be presented to a minimum of 200 potential students as a part of a guidance process in 10 high schools. Documentation will be made relative to the number of students exposed to the program and to the number who subsequently enroll. Enrollees will be requested to respond to a questionnaire which will assess the source of information which led them to their decision.

VTP 2038

Title: Selection Indicators for Applicants in Apprenticable Trades.

Principal Investigator: Paul W. Greco

Recipient Institution: Northwest Plumbing & Pipefitting Industry Journeyman and Apprentice Trust

Start - End Dates: February 1975 to June 1975

Annual Funding: \$1,000.00

Sponsoring Agency: Washington Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: The objective of the project is to determine by survey and personal contact with apprenticeship committees and employers selection indicators that show success in the apprenticesable trades through a sample of 250 apprentices in the state. A random sample of approximately 250 apprentices in plumbing, pipefitting, carpentry, sheetmetal, masonry, ironwork, sprinkler fitters, construction electricians, boilermakers, operating engineers and the Boeing Company. Questionnaires and evaluation sheets will be sent to the applicable joint apprenticeship and training committees to determine

strong points in the apprentice's background when he was an applicant, and further, what requirements the apprenticeship committee wants in an applicant. The apprentice will be evaluated in nine areas related to his job performance.

VTP 2039

Title: Employment Opportunities for Graduates of Theatre Technology and Theatre Management Programs at the Community College Level.

Principal Investigator: Simon Siegl

Recipient Institution: Bellevue Community College, Bellevue, Washington, 98007

Start - End Dates: April, 1975 to September, 1975

Annual Funding: \$1,000.00

Sponsoring Agency: Washington Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to research the job market for community college students completing requirements in Theatre Technology and Theatre Management programs at Bellevue Community College by September 1975 at a cost of \$1100. In order to prepare a model for the identified program, research and development will be done as follows: (1) establish a need for the program, (2) determine potential for cooperative education, (3) research job market, (4) build program objectives, (5) develop budget, and (6) plan evaluation techniques.

VTP 2040

Title: Development of Activity Based Learning Experiences to Support the Career Orientation Program in Arkansas.

Principal Investigator: Richard T. Friedl

Recipient Institution: Pulaski County Special School District, 924 Marshall Street, Little Rock, Arkansas, 72202

Start - End Dates: May 1, 1975 to June 30, 1976

Annual Funding: \$17,541.16

Sponsoring Agency: Arkansas State Department of Labor, Little Rock

Contract and/or Control No.: No data

Summary of Project: The overall purpose of this research and development project is to augment the junior high vocational career orientation program with a series of relevant activity based learning experiences. The specific goals of the project are: (1) identify activity based experiences common to each family of occupations in the fifteen occupational clusters, (2) develop and field test sixteen instructional booklets containing the identified activity based learning experiences, and (3) disseminate the booklets for statewide implementation.

VTP 2041

Title: Distributive Education Curriculum Development.

Principal Investigator: Luther Tabor

Recipient Institution: Burlington School District

Start - End Dates: June, 1975 to June, 1976

Annual Funding: \$1,500.00

Sponsoring Agency: Vermont State Department of Education, Montpelier

Contract and/or Control No.: C-75-8

Summary of Project: Two Burlington Area Vocational/Technical Center Distributive Education teachers, the State Consultant for Distributive Education, and the Burlington Area Vocational/Technical Center director will form a task force to redesign the present marketing cluster. Their work would be accomplished during three weeks of the summer of 1975 and, in response to feedback from the Evaluation Committee, refine their prototype during a week of the summer of 1976. A newsletter will be sent to all area vocational centers articulating the development of the curriculum, encouraging site visits, and explaining that the State Consultant for Distributive Education is available as a consultant and disseminator of the project's products. Activities on this project include (1) review literature and research on Distributive Education, including ERIC, ARM and AIM, (2) select appropriate methods and materials, (3) develop a training plan, (4) select and/or develop appropriate learning objectives, (5) develop learning activities guides from selected learning objectives.

VTP 2042

Title: Postsecondary On-site Evaluation Visits for Public Postsecondary Institutions.

Principal Investigator: Phillip M. Mann

Recipient Institution: Indiana Vocational Technical College, Indianapolis, Indiana

Start - End Dates: February 1975 to December 1975

Annual Funding: \$18,625.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are (1) to provide on-site teams for evaluation of institutions and/or programs as related to that institution's objectives, (2) to provide out-of-state chairmen that would enhance the impartiality as well as provide feedback on the methodology, (3) to provide, through the observation method and other techniques, feedback for improvement of the system, and (4) to provide a written report for the institution and/or programs as requested.

VTP 2043

Title: A Career Consultant Program.

Principal Investigator: Genevieve Bonfield

Recipient Institution: Michigan City Schools, 609 Lafayette Street, Michigan City, Indiana, 46360

Start - End Dates: August 13, 1974 to September, 1975

Annual Funding: \$500.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are (1) to provide students with continuing personal contacts with adults which foster career exploration, (b) to help students look at each of the occupational roles through the eyes of the practitioner, (3) to provide experiences that may serve as exploratory, informational, or motivational functions in the career planning process, (4) to insure maximum student exposure to a variety of occupations, (5) to provide additional informational experiences, such as, field visitations, personal observations/interviews, and possibly real work experiences of a part-time summer, or work-study nature, and (6) to provide observations and related experiences that may supply the knowledge through which the student will make a wise career decision. The activities of the project include: (1) follow table of contents given in Occupational Outlook Handbook (1974-75) for the number of career clusters (categories), (2) list the various workers employed in each

cluster. Each category will be separated by an index tab in notebook...resource guide, (3) by letter and survey sheet, the BPW Club will contact parents, community groups, and the business-industrial sector in order to identify specific individuals to participate in the program, (4) encourage workers doing similar work in different settings to participate in a group effort aimed at describing the variety of employment opportunities, (5) whenever possible, the BPW club worker and counselor will identify young workers who are representative of the entry level positions in each occupation, (6) develop a community resource guide listing all people in careers according to the categories selected, and (7) from survey sheets returned by volunteers, collect names, title, addresses, phone numbers, and career topics that each consultant is willing to discuss with students.

VTP 2044

Title: Continuation of Strategies for a Placement Service at the LEA Community Level and a Continuation of a Follow-up Model Applicable to Local and State Needs Which Will Assist Each in Local and/or State Planning.

Principal Investigator: Richard Smith

Recipient Institution: New Albany-Floyd Co. Consolidated School Corporation, New Albany, Indiana

Start - End Dates: July, 1975 to June, 1976

Annual Funding: \$19,492.00

Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis

Contract and/or Control No.: 28-74-C

Summary of Project: The objectives of the project are: (1) continuation of assessing business and industry's placement needs, (2) improve student introduction card and increase return percentage, (3) improve and up-date minicourse on job procurement, (4) involve feeder school counselors in placement, (4) strategies to promote community awareness of vocational education, (5) conduct an occupational awareness day, and (6) strategies for placement in-service workshop with vocational instructors. A faculty committee and feeder school counselors will be set-up to develop strategies for a placement in-service workshop for teachers and to promote community awareness of vocational education. Everyone would use this second year on the placement project for up-dating an refinement of this project. The Prosser Vocational Center Student Personnel Services will be responsible for the entire procedures and completing the proposed project. All pertinent information concerning this project will be submitted to the State Department of Public Instruction for Constructive Criticism and Further Evaluation.

VTP 2045

Title: Dissemination of Locally Developed Career Education Units and Resource Guide.

Principal Investigator: Leighton Turner

Recipient Institution: Franklin Community School Corporation, Highway 31 North and Clark Street, Franklin, Indiana, 46131

Start - End Dates: May 10, 1975 to June 1, 1975

Annual Funding: \$300.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: 61-75-D

Summary of Project: The objectives of this project are (1) to provide all teachers in the corporation with locally developed career education materials that are appropriate for their grade level, (2) to share with the five other school corporations within

Johnson County locally developed career education materials that should be useful to them, (3) to encourage the use of career education activities in the classroom, and (4) to further demonstrate the corporation's desire that career education be given priority status within the corporation. For the past two summers the corporation has financed a career education workshop for interested staff members. As part of the workshop, each participant was to design a career education unit or activity that would be used in their classroom the following year. After having taught the unit, each participant provided the director of career education with a copy of their unit. This prospectus for a mini-project hopes to obtain the necessary funds to duplicate and disseminate the 24 completed units to classroom teachers in the corporation as well as the five other school corporations in Johnson County. Since the units identify local resource personnel as well as possible field trip locations, it is believed that other county schools could make use of the material generated by Franklin staff members.

VTP 2046

Title: Identification of the Occupational Competencies Needed in the Area of Agri-Chemicals.

Principal Investigator: David Howell

Recipient Institution: Purdue Research Foundation, West Lafayette, Indiana, 47907

Start - End Dates: June 1, 1975 to May 31, 1976

Annual Funding: \$9,399.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: 55-75-D

Summary of Project: The objectives of this project are to (1) identify the agricultural occupations at the mid-management, technical and skilled levels for the area of agri-chemicals in the State of Indiana which require an agricultural background for entry, (2) develop a comprehensive catalog of the competencies pertinent to the agri-chemical occupations identified, (3) determine the priority of the competencies using a random sample of employers-employees from the population of agri-chemical dealers in Indiana, and (4) develop a catalog of performance objectives from the competencies identified as having high priority by the agri-chemical employers. The agri-chemical occupations will be identified by a review of the literature and consultant committee recommendations. A review of the literature and the assistance of the consulting committee will be used to develop the survey instrument for the identification of the competencies pertinent to specific occupations in agri-chemicals. A random sample of employers and employees from agri-chemical firms in Indiana will identify the priorities of the competencies for their occupations. From the competencies identified as most important for an employee to possess, a catalog will be developed in useful form for the development of educational materials.

VTP 2047

Title: The Development of a Competency-Based Multi-Occupational Curriculum for Flexible Programming of the Transportation Cluster.

Principal Investigator: B. R. West

Recipient Institution: Carmel Clay School Corporation

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$18,879.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) select and appoint a Transportation Advisory Committee to (a) advise on the definition of the Transportation

Cluster as stated in the goals of the project and (b) advise on the analysis and development of three areas of the total cluster - auto mechanics, auto body repair, and small engine repair, (2) employ a vocationally certified teacher in one or more of the above identified Transportation areas who will research and develop the CBMQ program, and (3) train this vocationally certified person to research and develop the program. The procedures to be followed for this program are (1) A teacher who is vocationally certified in the Transportation Cluster will be employed and trained in: (a) the rationale surrounding a competency-based multi-occupation system; (b) fundamental research techniques; (c) developing and validating task inventories; (d) analyzing task statements; and (e) writing learning modules. (2) Concurrently, a Transportation Advisory Committee will be appointed to advise and assist in the development of the cluster.

VTP 2048

Title: Development and Implementation of an In-Service Training Program for Curriculum Development in an Area Vocational School.

Principal Investigator: H. Ross Brown

Recipient Institution: South Central Area Vocational School, West Washington, Indiana

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$18,050.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: No data

Summary of Project: Objectives of the project are to improve the teaching of all existing courses in the Area Vocational School by: (a) each course will be planned to include attainable objectives, (b) courses of study now being used will be reviewed and revised to include pertinent material that should be used, (c) courses of study will be designed to include exit points to assure that students will develop salable skills at levels less than course completions, (d) basic core learning materials will be acquired for each program of vocational instruction, and (e) individualized learning materials will be designed for students with specific needs and for specific existing job opportunities; preliminary plans for courses to be started in the Area Vocational School will be made. A professionally certified vocational educator will be employed to work with all teachers in the South Central Area Vocational School to locate and acquire curricula materials for each program of vocational education. Information will be gathered from area employers to determine specific training needs in each program. Curricula materials and methods will be used based on found needs. Courses of study will be revised or developed to meet the needs of the job market. Students in the school will be served by making their training programs more relevant to existing jobs. Instruments for collecting data and information on existing jobs and available teaching methods and research will be designed, as needed. Data will be collected and studied to determine the significance of the results of using materials and methods that can be put in the classroom to improve the curricula. Placement of students completing or leaving programs of vocational instruction will be compared to that of former years.

VTP 2049

Title: DE Consortium of State Teacher Education Institutions for In-Service Personal Contact Follow-Up of DE Teacher Personnel.

Principal Investigator: Ralph E. Mason

Recipient Institution: Vocational Technical Services Center, Indiana State University, Terre Haute

Start - End Dates: July, 1975 to June 1976

Annual Funding: \$17,547.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis
Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) furnish advice and consultation to first- and second-year DE teacher coordinators and preparatory teachers, (2) provide an opportunity for advisory committee input and evaluation into the pilot program, and (3) provide a sound basis for institutionalizing the follow-up in-service system in the three DE teacher training institutions in Indiana. In consultation with Mr. James W. Biddle, Chief Consultant, Distributive Education, Division of Vocational Education, regions will be established in the State with new teacher-coordinators and preparatory DE teachers allocated for visitation by the teacher educator to which the region has been assigned. On the basis of the 1974-75 new teachers, there would be 8 in Region I, 9 in Region II, and 9 in Region III. A visitation instrument in the form of a profile or outline will be provided so that feedback information will be relatively uniform. Each first- and second-year DE teacher will be visited twice (once in the Fall of 1975 and once in the Spring of 1976) so that the visitations will be completed by the end of the academic year.

VTP 2050

Title: Development of a Generalizable Evaluation Model for Vocational Teacher Education

Principal Investigator: Thomas R. White

Recipient Institution: Vocational Education, Indiana University, 223 South Jordan, Bloomington, Indiana, 47401

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$10,261.00

Sponsoring Agency: Indiana State Department of Public Instruction, Indianapolis

Contract and/or Control No.: No data

Summary of Project: The objectives of the project will be to (1) develop a rationale based on current evaluation theory for an evaluation system for vocational teacher education, (2) explain the current system for vocational teacher education in Indiana considering personnel resources, costs, facilities, and organization, (3) establish a communications network among the institutions and the Division of Vocational Education regarding the criteria, (4) uncover and present those inhibiting factors which prevent vocational teacher education from fulfilling its multiple missions, (5) provide data which are evidence of the achievement of process and product criteria, and (6) disseminate a functional working model to users and/or change agents throughout the United States. The project involves two distinct functions both of which are sequentially ordered to produce the evaluation model. Instruments to be used to collect data will be developed in conjunction with a project advisory committee because of the cruciality of the data to be collected and the overriding concern for generalizability. Most data will be analyzed using normative techniques. Where possible, however, correlation techniques will be used to compare relationships among criteria. The purpose of all such analyses will not be to compare the effectiveness of one program or institution against another, but rather to determine the appropriateness of including certain criteria into the model.

VTP 2051

Title: A Plan for the Research, Development, and Implementation of a Comprehensive Health Occupations Education Program.

Principal Investigator: Beverly Hankenhoff

Recipient Institution: New Castle Community School Corporation, 522 Elliott Avenue, New Castle, Indiana, 47362

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$30,376.00

Sponsoring Agency: Indiana State Board of Vocational-Technical Education, Indianapolis
Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) develop a relevant in-service program to meet professional development needs of instructors; (2) develop a Competency-Based Teacher Training program for the future preparation of health occupations teachers; (3) develop a Performance Based Student Training program; and (4) develop a system for providing information services to teachers, teacher trainers, students, and other people. The design of this project is developmental action research. Its purpose is to develop an articulated plan that will provide for the immediate and future growth of the health occupations education field. Each of the components of the system will be investigated and developed concurrently in phases because of the need for internal communications as the total system is developed. The time line for the second year of funding is shown in this proposal. Reports on all of the components will be made to the State Board of Vocational-Technical Education on or before the end of the second project year.

VTP 2052

Title: A Dissemination System for the Indiana Research Coordinating Unit (Continuation)

Principal Investigator: Robert C. Harris

Recipient Institution: School of Education, Indiana University, Bloomington, Indiana, 47401

Start - End Dates: June 30, 1975 to June 30, 1976

Annual Funding: \$13,883.00

Sponsoring Agency: Indiana State Board of Vocational-Technical Education, Indianapolis
Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) publish and disseminate five issues of COMMUNIQUE, (2) make available without cost to DVE personnel and directors of state funded research projects within the State of Indiana, the Indiana University computer search system of the ERIC document file, (3) disseminate to secondary and post-secondary instructional and administrative personnel the regional curriculum lab publication titled CRITIQUE, (4) make available to DVE and directors of state funded research projects the comprehensive address files, stored in the project's computer tape bank, and (5) write and publish a series of research technical reports highlighting Indiana produced materials. Five issues of COMMUNIQUE will be published during the academic year 1975-76. Issues are to be circulated during the months of September, November, February, April and August (summer conference). The narrative style and document format of COMMUNIQUE will be the same as that produced in the process evaluated studies. The director of the project will be responsible for identifying topical areas with the Coordinator of the Research Coordinating Unit (Division of Vocational Education). Encompassed in this objective is the review of many research studies selection of appropriate material, and translation of the technical research material into research briefs.

VTP 2053

Title: An Analysis of Characteristics of the Arkansas Unemployed with Implications Vocational Education.

Principal Investigator: Bob Morgan

Recipient Institution: Arkansas Employment Security Division, Capitol Mall, Little Rock, Arkansas, 72201

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Start - End Dates: April 28, 1975 to August 31, 1975

Annual Funding: \$18,000.00

Sponsoring Agency: Arkansas State Board for Vocational Education, Little Rock

Contract and/or Control No.: No data

Summary of Project: The purpose of this study is to obtain certain social and economic characteristics of a select universe of Arkansas Unemployment Insurance Claimants and to analyze these characteristics in terms of potential vocational education implications. The basic method that will be used in conducting the study is the questionnaire survey technique. A sample questionnaire is included in the proposal. The ESD-Ark-603 forms for March will be utilized as the basic sampling frame. These forms contain a random 20 percent sample of claimants filing a continued claim during the week of March 19. This sample will be reduced to conform to the description in the "Scope of the Study" section. This actual sample size will be chosen to insure a 25 percent relative error of the estimate at a minimum cell size of two percent at the statewide level.

VTP 2054

Title: Establishment of Research Priorities in Post-Secondary Vocational, Technical, and Adult Education in Maine for 1975-1977.

Principal Investigator: Gerald G. Work

Recipient Institution: University of Maine at Orono, Orono, Maine, 04473, (College of Education)

Start - End Dates: May 20, 1975 to June 30, 1975

Annual Funding: \$4,652.00

Sponsoring Agency: Maine State Department of Educational and Cultural Services, Augusta

Contract and/or Control No.: No data

Summary of Project: The purpose of this research project is to survey all instructors and administrative staff of the six post-secondary vocational-technical institutes to determine priority areas for research in Maine. Specific objectives are: (1) develop a list of vocational education research areas or topics for inclusion in a survey instrument, (2) develop a priority list of vocational education research areas or topics based on perceptions of vocational education instructional and administrative staff, and (3) prepare a report of findings for use in improved planning, review, conduct, and funding of vocational education research in Maine. A research team from the College of Education, University of Maine at Orono will: (1) survey all instructors and administrative staff of the six post-secondary vocational-technical institutes, (2) develop a research instrument to gather data, (3) collect the data prior to June 10, 1975, and (4) analyze the data and prepare a final report of conclusions and implication for research in Maine vocational education.

VTP 2055

Title: Cadre Training: Career Guidance.

Principal Investigator: C. Duane Patton

Recipient Institution: Center for Career Studies, Central Washington State College, Sub 212, Ellensburg, Washington, 98926

Start - End Dates: April 15, 1975 to July 31, 1975

Annual Funding: \$2,747.00

Sponsoring Agency: Washington State Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: There are four primary objectives of this project: (1) To identify and validate a list of career guidance competencies needed by teachers, (2) To develop instructional packages that are based on career guidance competencies and designed to be used by teachers in the development of their career guidance skills, (3) To conduct one three-day pilot workshop that will field test an inservice workshop designed for teachers, and (4) To prepare cadres in each of four Region X States (Alaska, Idaho, Oregon, Washington) who can conduct career guidance inservice activities for teachers. The cadre training will focus on the career guidance competencies needed by teachers as they assist their students in career decision making.

VTP 2056

Title: Mobile Welding Laboratory.

Principal Investigator: G. V. Patterson

Recipient Institution: North Dakota State School of Science, Wahpeton, North Dakota, 58075

Start - End Dates: April 23, 1975 to May 20, 1975

Annual Funding: \$40,000.00

Sponsoring Agency: North Dakota Department of Public Instruction, Bismarck

Contract and/or Control No.: No data

Summary of Project: The primary purpose of the mobile welding laboratory is to provide on-site or near-site inservice upgrading or retraining welding instruction for adults employed as welders. Training for the highly skilled welder in special techniques such as pipe welding is an example of the primary purpose. The secondary purpose of the mobile welding laboratory is to provide welding training for adults who are underemployed, unemployed, and for minorities requiring welding training for a specific job. Objectives include, (1) to provide short term inservice upgrading and/or retraining education for persons employed as welders; (2) to provide specialized short term inservice training to meet specific industry needs; (3) to provide welding training for adults who are underemployed, unemployed and for minorities who require welding training for a specific job; (4) to provide a welder with enough skill and knowledge so that he will have immediate value to his employer; (5) to provide specialized and supplemental welding training programs which will meet the needs of industry in North Dakota; and (6) to provide specialized and supplemental training at convenient locations.

VTP 2057

Title: A Study of Student Characteristics Affecting His Performance in the Use of Individualized Learning Activity Packages.

Principal Investigator: William E. Daniels

Recipient Institution: Olympia School District

Start - End Dates: April, 1975 to December, 1975

Annual Funding: \$2,250.00

Sponsoring Agency: Washington State Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to design a model for collecting and evaluating data concerning the characteristics of 75-100 vocational students (D.E.) using individualized learning activity packages in the State of Washington. During the spring semester of school year 1974-75, approximately 75 students enrolled in ten senior cooperative distributive education programs in the State of Washington will be selected for the study. At the end of the period of time given to complete the LAP's,

the students will be separated into three categories: those who did not make it to the post-test or never passed the post-test; those who needed two or more attempts to pass the post-test; and those who completed the LAP's and passed the post-test on the first attempt. When the data has been collected, it will be treated statistically to ascertain whether an individual's performance is dependent on one or more of the factors of congruence of real-ideal self concept, grade point, or reading level.

VTP 2058

Title: A Study of Automotive Education in the Secondary Schools and Community Colleges of Washington--with Special Reference to the Emerging Needs and Practices of the State's Automotive Service Industry.

Principal Investigator: Robert H. Wiekling

Recipient Institution: Washington State University

Start - End Dates: May 1975 to June 1976

Annual Funding: \$1,354.00

Sponsoring Agency: Washington State Office of the Superintendent of Public Instruction, Olympia

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to develop, conduct, and evaluate at Washington State University a survey of the current skills/knowledges required of workers and emerging trends in the state's automotive service industry in order to provide contemporary guidelines in the field to Automotive instructors and occupational program administrators of the state. As a result of discussions with the advisory committee for the study, a review of the literature and discussions with personnel working in the automotive service industry of Washington, a list of knowledges, skills, and emerging trends which these three sources indicate to be most important will be formulated. Two survey instruments will be designed which, respectively, measure how strongly (1) automotive service industry representatives and (2) automotive instructors feel that this subject matter should be included in automotive training programs. The surveys will be mailed to randomly selected samples of teachers and industry personnel. The results of these two surveys will then be analyzed to obtain the degree of correlation between the groups of educators and automotive service industry personnel.

VTP 2059

Title: Career Awareness Inservice for Educators.

Principal Investigator: Nat Etzel

Recipient Institution: Jackson County Intermediate Education District, 101 North Grape Street, Medford, Oregon

Start - End Dates: February 1, 1975 to December 31, 1975

Annual Funding: \$1,300.00

Sponsoring Agency: Oregon State Department of Education, Salem

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are (1) to develop five 20 minute video tapes on Career Awareness, (2) to develop a written inservice package to accompany video tapes, and (3) to provide regional coordinators with a transportable model for inservice on Career Awareness. The activities of the project include: (1) program one will be an overview of Career Education, (2) program two on the role of the teacher in Career Guidance, (3) program three and four would be Career Awareness activities to be used in the specific elementary school disciplines, and (4) program five will show special careers of men and women in the world of work.

VTP 2060

Title: CDIP - Cross Discipline Inservice Program.Principal Investigator: John W. HolmesRecipient Institution: Shelton School District No. 309, 8th and Pine Street, Shelton, Washington, 98584Start - End Dates: May 1, 1975 to June, 1976Annual Funding: \$9,900.00Sponsoring Agency: Washington State Office of the Superintendent of Public Instruction, OlympiaContract and/or Control No.: No data

Summary of Project: The proposed project has the objective of developing an in-service manual which can be used by individual teachers of vocational or special education, or used as the basis for in-service workshops, to better help secondary special education students acquire vocational skills. The need, objective, and method were developed by teachers of secondary special education and vocational education at Shelton School District No. 309.

VTP 2061

Title: Child Care Training - Correspondence/Extension Program.Principal Investigator: Margaret McNeilRecipient Institution: Everett Community CollegeStart - End Dates: May, 1975 to June, 1976Annual Funding: \$18,500.00Sponsoring Agency: Washington State Office of the Superintendent of Public Instruction, OlympiaContract and/or Control No.: No data

Summary of Project: The objectives of this project are to develop and implement a competency based correspondence/extension course of study in child care training, to serve a special target group of employees and potential employees of child care agencies, who do not live in proximity to a training institution. The program will be developed by the instructor in consultation with the project director. Course content will include child development, nutrition, methods of teaching young children, children's art, music and creative expression, curriculum methods, family life and parent education, concept and language development and observation techniques. An Advisory Committee will advise in determining organization of course content, competencies to be developed, methods of recruitment, and individual course and program evaluation.

VTP 2062

Title: Business-Industry Visitation Program for Selected High School Teachers.Principal Investigator: Robert GlockRecipient Institution: Fargo Public SchoolsStart - End Dates: September 1975 to June 1976Annual Funding: \$3,500.00Sponsoring Agency: North Dakota State Department of Public Instruction, BismarckContract and/or Control No.: No data

Summary of Project: (1) The purpose of this research project is to provide a selected number of high school teachers in other than vocational instructional areas the opportunity to gain an insight into the knowledges and skills needed in business,

industry, and the professions today. (2) The information gained would be used to relate to curriculum content, curriculum development, and to make instructors more knowledgeable about occupational priorities and the relationship between their classroom activities and students needs and opportunities in the world of work. (3) The individual teacher would submit a program of proposed visitation sites, indicating the length of time and the relation to their teaching field. The visitation time could be from one to five teaching days. During the visit, interviews by cassette recorders and color slides could be taken that might be used in classroom instruction. Possibly the teacher could participate in some actual work/operation experience. The teacher would be replaced in the classroom while on the visitation with a qualified substitute following the district policies on hiring and payment for such personnel. This project would not propose to bring the non-professional, as a teacher exchange, to the classroom, but if qualified exchange arrangements can be made it will be considered.

VTP 2063

Title: Snowmobile Repair and Servicing Audio Visual Development.

Principal Investigator: Wayne Helbling

Recipient Institution: North Dakota State Industrial School

Start - End Dates: July 1, 1975 to June 30, 1976

Annual Funding: \$695.00

Sponsoring Agency: North Dakota State Department of Public Instruction, Bismarck

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are (1) to research the curriculum that is being developed for the Small Engines Program by the Mid-America Vocational Curriculum Consortium at Stillwater, Oklahoma and determine the specific photographs that need to be developed, (2) to prepare and outline a list of all areas that need to be photographed, (3) to arrange and organize visual displays of component parts so that they can be photographed, (4) to photograph all aspects of snowmobile repair that has been outlined, and (5) to organize the slides in units of 10-20 slides per unit and develop a script for each unit that can be recorded on a 15 minute cassette tape. Also to develop an outline listing all slides categorically. The first step in this project will be for the Small Engines instructor to research the snowmobile manual that has been developed for the Stillwater, Oklahoma project and make a basic outline of the areas that are to be covered. Next, a list of the various components that will need to be photographed will have to be developed. Once the components have been identified and the units have been established, the instructor will then be able to start arranging and organizing visual displays to be photographed.

VTP 2064

Title: Summer Project Exploration of Careers (SPEC).

Principal Investigator: Bill F. Lewis

Recipient Institution: RHS Area Vocational Career Center, Russellville School District #14, Russellville, Arkansas, 72801

Start - End Dates: June 2, 1975 to November 15, 1975

Annual Funding: \$4,912.68

Sponsoring Agency: Arkansas State Board for Vocational Education, Little Rock

Contract and/or Control No.: No data

Summary of Project: The major purpose of this pilot project is to provide students planning to enter the Area Vocational Career Center program for the first time with exploratory experiences necessary for making meaningful preparatory decisions. More

specifically the goals are: (1) to enable students to select a skill training program based on interest resulting from actual exploratory experiences; (2) to demonstrate working conditions that may be expected in a specific skill training program; (3) to expose the student to self-discipline that is required in each of the skill training areas; (4) to allow the student to function in a training setting utilizing a multiple block of time; (5) to provide opportunities for the student to become familiar with his/her role as a student at the Area Vocational Career Center. This proposed research and development project is proposed to improve placement of students who plan to enter the Area Vocational Career Center program for the first time in September. This pilot summer program should complement several concerted efforts locally and statewide. Russellville is completing the second year of a Career Education Project utilizing the U.S. Commissioner's share of Part "C" funds. This research and development project involves the geographic region we propose to use and focuses on two major components, namely (1) Counseling and Guidance and (2) Placement.

VTP 2065

Title: Study to Assess The Increased Utilization of Connecticut Vocational-Technical School Facilities To Serve More Individuals of High School Age.

Principal Investigator: Robert A. Nielsen

Recipient Institution: Peat, Marwick, Mitchell & Co., 100 Constitution Plaza, Hartford, Connecticut, 06103

Start - End Dates: April 1975 to December 1975

Annual Funding: \$33,200.00

Sponsoring Agency: Connecticut State Department of Education, Hartford

Contract and/or Control No.: No data

Summary of Project: The objectives of the project are to (1) study increased use of vocational-technical schools to serve more individuals of high school age, (2) compare advantages and disadvantages of feasible alternatives, and (3) recommend viable approaches for increasing facility use and for serving more individuals. The overall project design is to identify and assess varied alternatives for increasing vocational-technical school facilities utilization in Connecticut in light of: (1) anticipated enrollment and job demands; (2) "areas of concern" detailed in the Request for Proposal (RFP); and (3) evaluative criteria developed with the aid of the Research and Planning Unit (RPU) and Advisory Committee. Based on this analysis, data relating to state and federal laws, regulations, and funding requirements, and the care and condition of the facilities, PMM&Co. will identify several feasible alternatives. These alternatives will be analyzed in-depth (e.g., personnel requirements, start-up costs, three to five year cost projects) to test their applicability. PMM&Co. will then recommend viable approaches for piloting these alternatives in Connecticut.

VTP 2066

Title: Compilation and Annotation of Information About Current Individualized Instruction in Vocational-Technical Education in Texas Community/Junior Colleges and Development of Missing Components.

Principal Investigator: George J. Wilkerson

Recipient Institution: Austin Community College, 901 Neal Street, Austin, Texas, 78702

Start - End Dates: June 1, 1975 to August 31, 1975

Annual Funding: \$7,950.00

Sponsoring Agency: Texas Education Agency, Austin, Texas

Contract and/or Control No.: No data

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Summary of Project: Objectives of the project are (1) to develop a comprehensive listing of individualized instructional materials available to instructors of vocational courses in community colleges, (2) to establish criteria for usefulness of materials and determine usefulness by applying pre-determined criteria, (3) to identify vocational-technical areas for which adequate materials do not now exist, and (4) to recommend a dissemination system for providing information about materials and their effectiveness to program directors of vocational-technical courses. Procedures to be utilized in this project include a survey, college-by-college, of vocational-technical programs considered individualized, collection of materials of these programs, assessment of the usefulness of the materials by applying pre-determined criteria, identification of gaps in individualized programs in areas taught by at least five community/junior colleges in the state, development of materials to fill some of the gaps, and development for dissemination of a catalog of available programs which will include annotated program descriptions.

VTP 2067

Title: A Comparison of Instructional Approaches to Teaching the International System of Weights and Measures to Elementary School Children with Varying Mental Ability.

Principal Investigator: W. A. Downs

Recipient Institution: Central Missouri State University, Warrensburg, Missouri, 64093

Start - End Dates: March 1, 1975 to August 31, 1975

Annual Funding: \$1,000.00

Sponsoring Agency: Missouri State Board of Education, Jefferson City

Contract and/or Control No.: No data

Summary of Project: The purpose of this study is to ascertain the relative effect of two instructional approaches, (1) one utilizing the International System of Units alone, and (2) one comparing the International System of Units to the customary system, upon achievement of high and low ability students at the fourth, fifth, and sixth grade levels.

VTP 2068

Title: A Survey of the Manpower Needs of Connecticut Business and Industry With Special Emphasis on the Development of a Computer Based Model for Vocational-Career Information Delivery Systems.

Principal Investigator: Leon J. Gorski

Recipient Institution: The Connecticut Business and Industry Association, Hartford

Start - End Dates: June 1, 1975 to June 1, 1976

Annual Funding: \$12,490.00

Sponsoring Agency: Connecticut State Department of Education, Hartford

Contract and/or Control No.: No data

Summary of Project: The objectives of the project are to (1) provide information regarding the manpower needs of the membership of the Connecticut Business and Industry in the development and maintenance of a State, Regional and Local Vocational-Career Information Delivery System and (2) identify factors necessary to design a computer-based system for providing contemporary manpower information to personnel responsible for the guidance function in the State of Connecticut. The study design is based on the use of a two-phased process to gather objective and subjective information relative to the objectives stated above. Phase I will be a mailed survey and Phase II will be a combination-structured survey and field interview developed as a refinement of the information base supplied by the results of the Phase I survey.

VTP 2069

Title: Development and Examination of an Instructional Paradigm and Auto-Instructional Materials for Teaching Vocational and Pre-Vocational Curriculum-Based Concepts to Mildly Retarded, Borderline Intelligence, and Educationally Disadvantaged Students.

Principal Investigator: Donald L. Clark

Recipient Institution: Texas A&M University, College of Education

Start - End Dates: June 1, 1975 to June 30, 1976

Annual Funding: \$3,117.00

Sponsoring Agency: Texas Education Agency, Austin, Texas

Contract and/or Control No.: No data

Summary of Project: The primary objective of the study is to develop, implement, and examine a research-based instructional paradigm and auto-instructional materials for teaching pre-vocational and vocational curriculum-based concepts to mildly mentally retarded, borderline intelligence, and educationally disadvantaged students participating, or preparing to participate, in special or regular vocational education programs. Variables influencing the attainment of vocational concepts, including (1) the learner, (2) the instructional situation, (3) the concept presentation, (4) the concept learning task, and (5) the responses and feedback that occur, will be examined under carefully contrived experimental conditions. Correlation studies will be made between selected student variables--aptitude, IQ, reading level,--and concept attainment, retention, and transfer. Differences in concept attainment, retention and transfer will be assessed through the use of a randomized control-group pretest-posttest experimental design. Data will be compiled, statistically analyzed, and reported with the intent of providing vocational teachers information that is useful, intelligible, and of consequence to their success as communicators of the essential concepts and skills that render one employable.

VTP 2070

Title: Intensive Training for Teacher Aides Working with Hearing Impaired Children.

Principal Investigator: Ann Hansen Garrett

Recipient Institution: McLennan Community College, 1400 College Drive, Waco, Texas, 76708

Start - End Dates: June 1, 1975 to August 31, 1975

Annual Funding: \$7,875.00

Sponsoring Agency: Texas Education Agency, Austin, Texas

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to plan, develop and implement extended 24-hour per day living and learning experiences for 64 persons who are either presently employed in career roles as paraprofessionals working with deaf and hard-of-hearing children, or training for this career role, or with a viable interest in exploring careers associated with the handicapped. Sixty-four persons will reside on a 24-hour basis as counselors in an outdoor camp setting at Kerrville, Texas, for four weeks with 150 deaf and hard-of-hearing children ages 7-12 years of age enrolled in the public schools of Texas--they will be enrolled in Child Growth and Development courses at McLennan Community College and, additionally, will receive instruction in manual and total communication skills plus recreational and craft skills.

VTP 2071

Title: Production and Implementation of Nursing Audio-Visual Instruction to Spanish.

Principal Investigator: Lee West

Recipient Institution: Laredo Junior College, West End Victoria Street, Laredo, Texas, 78040

Start - End Dates: June 1, 1975 to January 31, 1976
Annual Funding: \$3,494.00
Sponsoring Agency: Texas Education Agency, Austin, Texas
Contract and/or Control No.: No data

Summary of Project: The project seeks to meet the following objectives: increase the number of Mexican-American students successfully completing the health assistant level of the nursing program; increase level of competency in nursing skills and understanding of nursing concepts at the health assistant level; increase number of health assistants providing service in local health agencies; increase level of bilingual competency in giving nursing care to Spanish-speaking patients. The major thrust of this project is the translation of the 50 hours of English audio-visual instruction which is the instructional base for the course of study leading to the health assistant certificate. Evaluation measures will be conducted between that group which has access to the bilingual materials and that group which does not.

VTP 2072

Title: High School Refrigeration/Air Conditioning Training.

Principal Investigator: James E. Fisher
Recipient Institution: New Plymouth High School, District #372, Box 388, New Plymouth, Idaho, 83655
Start - End Dates: July 1975 to June 1976
Annual Funding: \$21,175.00
Sponsoring Agency: Idaho State Board for Vocational Education, Special Programs, 518 Front Street, Boise, Idaho, 83702
Contract and/or Control No.: No data

Summary of Project: The objectives of the project are to increase the number of vo-tech offerings at the high school level, to provide more opportunity for students to have entry level skills in a specific field when graduating from high school, to better relate basic educational skill to work, in an attempt to decrease the drop-out rate, and to provide positive transfer of skills learned in this offering to related occupations, interests, or training. The project will eventually provide a progressive block course of study as students advance through the 10th, 11th, and 12th grades; and will schedule the blocks in such a way that as many students in New Plymouth and Fruitland as possible can schedule with ease. The project will provide testing which is eventually based on competency in an effort to insure math, and verbal proficiency to relate the project with the world of work and basic education.

VTP 2073

Title: The Effectiveness of a Combined Vocational Youth Organization Leadership Conference.

Principal Investigator: John Elias
Recipient Institution: Department of Practical Arts and Vocational Education 201 Academic Support Center, University of Missouri-Columbia, Columbia, Missouri, 65201
Start - End Dates: June 1, 1975 to December 31, 1975
Annual Funding: \$1,000.00
Sponsoring Agency: Missouri State Board of Education, Jefferson City
Contract and/or Control No.: 1253

Summary of Project: The primary objective of this project is to develop a model of leadership development for state and district officers and advisors of vocational youth

organizations in Missouri which in succeeding years can be operated and implemented by the appropriate staff of the Division of Career and Adult Education. The model will be implemented through the accomplishment of the following specific objectives: (1) to conduct a combined leadership development conference for selected officers of DECA, FBLA, FFA, FHA, and VICA, (2) to conduct a vocational teacher workshop at the University of Missouri - Columbia entitled "Organizing and Administrating Youth Activities as an Inter-curriculum Function," (3) to develop an attitude measurement instrument to determine the extent of attitude change the participants undergo toward a joint leadership training program, (4) to conduct an evaluation to determine the effects of the leadership training activities upon the officers and advisors, and (5) a final report will be prepared and submitted.

VTP 2074

Title: Establishment and Operation of a Student Job Placement Service.

Principal Investigator: William.P. Young

Recipient Institution: Arlington County Schools, Arlington, Virginia

Start - End Dates: July 1, 1975 to June 30, 1978

Annual Funding: \$30,000.00

Sponsoring Agency: Virginia Department of Education, Richmond

Contract and/or Control No.: No data

Summary of Project: The objectives of this project are to (1) assist in the placement of high school graduates, (2) assist in the placement of dropouts and assist in arranging for their continued education when feasible, (3) assist in the placement of high school students who want part-time employment, (4) work closely with the coordinators of the various cooperative education programs in the placement of students, and (5) work closely with the Career Center staff in the placement of students from Washington-Lee High School attending the Career Center. This project will be under the direction of the Director of Adult and Career Education with the support of the supervisors of the various vocational services and the supervisor of guidance services. The personnel in the placement services office will consist of a coordinator of placement services employed on a twelve month contract and a secretary employed on a twelve month basis. It will be the responsibility of the coordinator to provide services for students and develop the program by the following procedures. (1) The placement office will be open for twelve months. (2) In-service training for the placement coordinator and the secretary will be provided through the Department of Vocational Education, Virginia Polytechnic Institute and State University, and will be required of those participating in the project. (3) The placement coordinator will establish a system of communications with the business community and with the school system to keep interested persons informed about the placement services of the school. (4) The placement coordinator will establish a filing system for student personnel information. (5) The placement coordinator will establish a filing system for job openings and maintain a job bank.

VTP 2075

Title: Livestock Management and Production.

Principal Investigator: John E. Christofferson

Recipient Institution: Eastern Idaho Vocational-Technical School, Idaho Falls, Idaho

Start - End Dates: July, 1975 to June, 1976

Annual Funding: \$25,000.00

Sponsoring Agency: Idaho State Department of Education, Boise

Contract and/or Control No.: No data

Summary of Project: The objective of this project is to provide valid occupational alternatives to individuals interested in beef and dairy livestock management. A secondary objective is to reach farm oriented youth and adults who otherwise would not have technical assistance in the Livestock Production area. The program is designed to broaden and improve vocational education curriculum by the introduction of vocational and technical training at a post secondary level to the livestock industry. The dairy management portion of the program will develop and disseminate innovative curriculum in the areas of feed materials, milk production and breeding programs. The meat production portion will develop curriculum that will disseminate the most advanced methods of breed selection, branding, animal feeding and care.

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