

R E P O R T R E S U M E S

**ED 016 787**

**VT 002 450**

**QUARTERLY REPORT OF THE CALIFORNIA RESEARCH COORDINATING UNIT  
FOR VOCATIONAL EDUCATION, JANUARY 1, 1967 THROUGH MARCH 31,  
1967.**

**CALIFORNIA COORD. UNIT FOR OCCUP. RES. AND DEV.**

**PUB DATE 67**

**EDRS PRICE MF-\$0.25 HC-\$0.44 9P.**

**DESCRIPTORS- #RESEARCH COORDINATING UNITS, #PROGRAM  
DESCRIPTIONS, #EDUCATIONAL RESEARCH, #STATE PROGRAMS,  
#VOCATIONAL EDUCATION, INFORMATION DISSEMINATION, CALIFORNIA,**

**ACTIVITIES OF THE UNIT DURING THE QUARTER INCLUDED (1)  
PROVIDING CONSULTING SERVICE FOR 21 INSTITUTIONS AND  
ORGANIZATIONS PLANNING AND CONDUCTING RESEARCH IN VOCATIONAL  
EDUCATION, (2) WORKING WITH SEVEN INSTITUTIONS TO COORDINATE  
RESEARCH ACTIVITIES, (3) DEVELOPING RETRIEVAL SYSTEM TO  
ASSIST IN DISSEMINATING INFORMATION, (4) IDENTIFYING,  
OBTAINING, AND INDEXING EDUCATIONAL RESOURCES INFORMATION  
CENTER AND DEFENSE DOCUMENTATION CENTER MICROFICHE RESEARCH  
MATERIALS, (5) ARRANGING A MEETING FOR TEACHER EDUCATORS IN  
VOCATIONAL EDUCATION TO SEE A DEMONSTRATION OF A  
MICRO-TEACHING RESEARCH PROJECT AT STANFORD UNIVERSITY, (6)  
MAILING, ON A LOAN BASIS, 100 HARD COPIES AND 47 MICROFICHE  
TO 62 PERSONS AND, ON A PERMANENT BASIS, 74 HARD COPIES AND  
45 MICROFICHE TO 27 PERSONS, (7) MAILING 10,000 NEWSLETTERS,  
300 RESEARCH SUMMARIES IN VOCATIONAL CHOICE AND JOB  
SATISFACTION, 200 MICROFICHE INDEXES, AND 135 RESEARCH DESIGN  
WORKSHOP REPORTS, (8) ATTENDING 10 CONFERENCES, (9) ACTING AS  
LIAISON BETWEEN STATE AGENCIES AND OTHERS INTERESTED RESEARCH  
IN VOCATIONAL EDUCATION, (10) ASSISTING IN DEVELOPING FOUR  
RESEARCH PROJECTS AND TRAINING INSTITUTES, AND (11)  
SPONSORING THREE RESEARCH SEMINARS TO FURTHER DEVELOPMENT OF  
RESEARCH IN VOCATIONAL EDUCATION THROUGH COOPERATIVE EFFORTS  
BETWEEN AGENCIES. (MM)**

QUARTERLY REPORT OF THE CALIFORNIA RESEARCH COORDINATING UNIT  
FOR VOCATIONAL EDUCATION

January 1, 1967 through March 31, 1967

This report covers the activities of the Unit as they relate to its objective.

During the quarter, a Continuation Proposal was submitted to the U.S. Office of Education for partial support until December 31, 1968.

The material included in the following sections describes the activities of the Research Coordinating Unit as they relate to the major objectives. Each objective is listed with the activities pertaining to it following:

A. To provide consulting services for institutions and organizations conducting and planning research in Vocational Education. The following institutions and individuals were assisted during the past quarter on the listed projects:

1. Vacaville High School - Continued assistance on Agricultural Feed-back Project.
2. North Bay Title III Center - Joint meeting to discuss follow-up studies and the development of an integrated and articulated guidance program, grades K-14, utilizing the information obtained from the follow-up.
3. Contra Costa College - Provided funding source and proposal preparation consulting services for the continuation of a Vocational Guidance project funded this year under Title V, National Defense Education Act.
4. San Francisco City College - Consulting services were provided to the English Department pertaining to the preparation of a proposal for a basic reading project for vocational students.
5. Los Angeles City Schools - Assisted the Principal of the Adult Occupational Center in the preparation of a cooperative research project.

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE  
OFFICE OF EDUCATION

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Project is satisfactory  
Project Coordinator, ERU, DAVR  
Date 4/1/67

VT002450

6. Hughson School District - Assisted the Superintendent by providing contacts and information pertaining to Hughson's individualized instructional approach to their educational problems.
7. Palo Alto High School - Provided consulting services to the Graphic Arts instructor in reference to a research project to provide direction for the improvement of their program.
8. Modesto Junior College, R. Deal - Worked on establishing wood technology curriculum.
9. Palo Alto High School, E. Hill - Developed rationale for occupational courses.
10. San Francisco State College, D. Draper - Provided vocational curriculum innovations.
11. Compton Unified School District, T. Zuck - Discussed funding sources, and provided research findings.
12. State Pupil Personnel Section, M. Gerstein - Worked with committee on research and evaluation of V I E W.
13. Sacramento County, W. Smith - Worked with committee on developing prediction tables for Junior Colleges.
14. Vocational Education Section of the State Department of Education - Worked on Study of Negro attitudes toward Vocational Education.
15. Junior College Technical Bureau, Velma Johnston and others - Planned Home Economics study.
16. Los Angeles Trade Technical College - Planned research projects.
17. Mexican-American Foundation - Discussed research proposal.
18. Foothill College - Discussed evaluation research for a total program of Vocational Education.

19. Orange County Schools - Develop vocational research project.
20. Oakland Public Schools - Vocational Education follow-up study.
21. University of California, Davis, Agricultural Education Dept. -  
Research in agricultural occupations.

**B. To coordinate research activities in Vocational Education throughout the State.**

1. Los Angeles City Schools, Everett Waxman, Director of Research and Lyman Goldsmith, Coordinator of Vocational Education to discuss research activities in Los Angeles Schools.
2. State Real Estate Board, Coy Sanders - Real Estate Education and Research Program.
3. Region IX U.S. Office of Education, Bureau of Research representative.
4. Chico State College, M. Shaw - Implementation group guidance.
5. Coalinga Jr. College, Earl McGee - Vocational group guidance.
6. University of California, Los Angeles, N. C. Whitrock, James Popham - Familiarization Evaluation Center.
7. University of California, Berkeley, W. Nichols - Survey Research Center role in Booker survey.

**C. To disseminate findings of research in Vocational Education.**

1. Compton Unified School District - Provided information sources pertaining to Inter-Disciplinary Programs to Director of Vocational Education.
2. University of California, Berkeley - Provided bibliography and study information to a doctoral candidate.

3. Developed a retrieval system to assist in efficient dissemination of information. This was done in cooperation with other State agencies, including the Department of Education Curriculum Librarian and State Librarian.
4. Retrieved ERIC and DDC microfiche indexes to identify and obtain all Vocational Education research materials available from these systems.
5. Prepared an index of ERIC and DDC materials stored by the Research Coordinating Unit.
6. Stanford University - Arranged a meeting for teacher educators in Vocational Education in the State to see a demonstration of the Micro-Teaching Research Project at Stanford University.

The following Institutions and Departments were represented:

University of California, Los Angeles - Industrial Education

University of California, Berkeley - Industrial Education

University of California, Davis - Agriculture

California State College at Los Angeles - Home Economics

San Francisco State College - Business and Home Economics

California State College at Hayward - Business

San Jose State College - Business

7. Individuals served and materials disseminated during the three-month period:

- a. Material mailed to 62 persons or institutions on a loan basis:

100 Hard copies  
47 Microfiche

- b. Material mailed to 27 persons or institutions on a permanent basis:

74 hard copies  
45 Microfiche

- c. Research Coordinating Unit publications mailed:

1000 Newsletters  
300 Research Summaries in Vocational  
Choice and Job Satisfaction  
200 Microfiche Index  
135 Research Design Workshop Report

D. Act as a liaison between State agencies and others interested in research in Vocational Education.

1. Conferences attended by Research Coordinating Unit personnel:

- a. American Educational Research Association (Edington)
- b. California Educational Research Association (Edington, Darling, Densley)
- c. California Jr. College Association Research Committee (Edington)
- d. California Industrial Education Association (Edington, Darling, Densley-(part time))
- e. California Jr. College Assoc. (Darling, Edington-(part time))
- f. California Guidance and Personnel Assoc. (Darling)
- g. San Francisco State Center for Vocational Education (Densley)
- h. PERT Conference - Center for Vocational and Technical Education, Ohio State University (Densley)
- i. Systems Development Corp. Conference on Occupational Guidance (Edington)
- j. University of California - State Department of Vocational Education Study (Edington)

2. The following presentations were made by R.C.U. personnel:

- a. State meeting of teacher educators in Home Economics (Edington)
- b. Guidance Counselors' Workshop - San Mateo (Edington)
- c. Guidance Counselors' Workshop - Oakland (Edington)
- d. Statewide meeting of Assistant County Superintendents (Densley)

3. Worked with a special consultant from the State Department of Education to provide information on follow-up and retrieval systems.

4. Provided contacts for MDTA personnel to work with a research organization for consulting services.

5. Developed a VEA follow-up form at the request of the coordinator of program development of the State Department of Education.

**E. To sponsor inservice training in research methods and design.**

Three seminars were conducted in the State during January to acquaint educators with some of the educational research programs in operation. Personnel from the U. S. Office of Education, the Farwest Regional Laboratory, and the Southwest Regional Laboratory assisted the Research Coordinating Unit in presenting the seminars. The seminars were held in Los Angeles, Oakland and Sacramento. A total of approximately 125 persons attended the three seminars. (Copies of the programs are attached.)

**F. Stimulation of research in Vocational Education.** The Research Coordinating Unit cooperated with the Vocational Education Section in developing the following research projects and training institutes, which are being financed out of 4(a) funds:

- a. San Jose State College, John A. Barr - Project intended to provide information for the improvement of counselor education in vocational guidance.
- b. Tracy School District, John A. Yunker - Pre-high school vocational group guidance for potential dropouts and non-college bound students.
- c. San Francisco State College, Gertrude Luehning - Institute on Home Economics programs in gainful employment for disadvantaged youth.
- d. Emery Unified School District, Jack Michie - Dominant factors leading to the successful employment of a selected group of culturally disadvantaged youth.

RESEARCH SEMINAR IN VOCATIONAL EDUCATION

SPONSORED BY

RESEARCH COORDINATING UNIT  
VOCATIONAL EDUCATION SECTION  
CALIFORNIA STATE DEPARTMENT OF EDUCATION

**THEME:** Furthering the Development of Research in Vocational Education  
Through Cooperative Efforts Between Agencies

**LOCATION:** New State Building, Room 1138  
107 South Broadway  
Los Angeles, California

**DATE:** January 23, 1967 (Monday)

PROGRAM

- 9:00 a.m. REGISTRATION AND COFFEE
- 10:00 a.m. WELCOME: DR. ROBERT DARLING, RESEARCH & EVALUATION CONSULTANT  
RESEARCH COORDINATING UNIT
- 10:10 a.m. TOPIC: FUNCTION OF THE CALIFORNIA RCU  
DR. EVERETT D. EDINGTON  
COORDINATOR OF RESEARCH IN  
VOCATIONAL EDUCATION
- 
- 11:00 a.m. TOPIC: ACTIVITIES OF THE SOUTHWEST REGIONAL RESEARCH LABORATORY  
DR. ISABELL BECK, COORDINATOR SCHOOL LIAISON
- 12:00 noon LUNCH
- 1:30 p.m. TOPIC: ACTIVITIES OF THE DIVISION OF ADULT AND VOCATIONAL  
RESEARCH OF THE U. S. OFFICE OF EDUCATION  
DR. DUANE NIELSEN, DIRECTOR  
EDUCATIONAL RESOURCES & DEVELOPMENT BRANCH  
DIVISION OF ADULT & VOCATIONAL EDUCATIONAL RESEARCH  
BUREAU OF RESEARCH - U. S. OFFICE OF EDUCATION
- 2:30 p.m. DISCUSSION PERIOD

**RESEARCH SEMINAR IN VOCATIONAL EDUCATION**

**SPONSORED BY**

**RESEARCH COORDINATING UNIT  
VOCATIONAL EDUCATION SECTION  
CALIFORNIA STATE DEPARTMENT OF EDUCATION**

**THEME:** Furthering the Development of Research in Vocational Education  
Through Cooperative Efforts Between Agencies

**LOCATION:** State Personnel Building, Room 150  
801 Capitol Mall  
Sacramento, California

**DATE:** January 25, 1967 (Wednesday)

**PROGRAM**

9:00 a.m. REGISTRATION AND COFFEE

10:00 a.m. WELCOME: MR. KENNETH DENSLEY, CONSULTANT  
RESEARCH COORDINATING UNIT

10:10 a.m. TOPIC: FUNCTION OF THE CALIFORNIA RCU  
DR. EVERETT D. EDINGTON  
COORDINATOR OF RESEARCH IN  
VOCATIONAL EDUCATION

11:00 a.m. TOPIC: ACTIVITIES OF THE FARWEST REGIONAL  
RESEARCH LABORATORIES  
DR. GEORGE RUSTEIKA, ASSOC. DIRECTOR  
FARWEST REGIONAL RESEARCH LABORATORY

12:00 noon LUNCH

1:30 p.m. TOPIC: ACTIVITIES OF THE DIVISION OF ADULT AND  
VOCATIONAL RESEARCH OF THE U.S. OFFICE  
OF EDUCATION  
DR. DUANE NIELSEN, DIRECTOR  
EDUCATIONAL RESOURCES & DEVELOPMENT BRANCH  
DIVISION OF ADULT & VOCATIONAL EDUCATIONAL  
RESEARCH - BUREAU OF RESEARCH  
U. S. OFFICE OF EDUCATION

2:30 p.m. DISCUSSION PERIOD

**RESEARCH SEMINAR IN VOCATIONAL EDUCATION**

**SPONSORED BY**

**RESEARCH COORDINATING UNIT  
VOCATIONAL EDUCATION SECTION  
CALIFORNIA STATE DEPARTMENT OF EDUCATION**

**THEME: FURTHERING THE DEVELOPMENT OF RESEARCH IN VOCATIONAL EDUCATION  
THROUGH COOPERATIVE EFFORTS BETWEEN AGENCIES**

**LOCATION: State Building Assembly Room - 1st. Floor  
1111 Jackson Street  
Oakland, California**

**DATE: January 27, 1967 (Friday)**

**PROGRAM**

- 9:00 a.m. REGISTRATION AND COFFEE**
- 10:00 a.m. WELCOME: MR. KENNETH DENSLEY, CONSULTANT  
RESEARCH COORDINATING UNIT**
- 10:10 a.m. TOPIC: FUNCTION OF THE CALIFORNIA RCU  
DR. EVERETT D. EDINGTON  
COORDINATOR OF RESEARCH IN  
VOCATIONAL EDUCATION**
- 11:00 a.m. TOPIC: ACTIVITIES OF THE FARWEST REGIONAL  
RESEARCH LABORATORY  
DR. MARIO M. MENESINI, PROGRAM ASSOCIATE**
- 12:00 noon LUNCH**
- 1:30 p.m. TOPIC: ACTIVITIES OF THE DIVISION OF ADULT AND  
VOCATIONAL RESEARCH OF THE U. S. OFFICE  
OF EDUCATION  
DR. DUANE NIELSEN, DIRECTOR  
EDUCATIONAL RESOURCES & DEVELOPMENT BRANCH  
DIVISION OF ADULT & VOCATIONAL EDUCATIONAL  
RESEARCH - BUREAU OF RESEARCH  
U. S. OFFICE OF EDUCATION**
- 2:30 p.m. DISCUSSION PERIOD**