Faculty Publications 1970-71

Western Michigan University

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WESTERN MICHIGAN UNIVERSITY

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Richard Burke, Ph.D.  .  .  .  .  .  .  .  Associate Dean The Graduate College
FACULTY PUBLICATIONS
1970-71

Compiled
by
Lorene Farrand
Administrative Assistant
The Graduate College
Western Michigan University

Typed
by
Sharry Parshall
Secretary
The Graduate College
Western Michigan University

FACULTY CONTRIBUTIONS
Series XV, No. 1 October 1972

The Graduate College
Western Michigan University
Kalamazoo, Michigan
FOREWORD

Faculty Publications 1970-71 is the ninth major compilation of the publications of the Faculty of Western Michigan University and is designed mainly to apprise the Faculty of the University of the breadth of writing of their colleagues. The earlier ones included, respectively, materials that were published between the dates listed below:

July 1, 1957 and June 30, 1961
July 1, 1961 and June 30, 1963
July 1, 1963 and June 30, 1965
July 1, 1965 and June 30, 1966
July 1, 1966 and June 30, 1967
July 1, 1967 and June 30, 1968
July 1, 1968 and June 30, 1969
July 1, 1969 and June 30, 1970

As with previous listings, the information here is not a criterion for evaluating the contributions of any Faculty member either on the basis of numbers or merit. Many scholarly articles that have appeared in the Western Michigan University Magazine and in other publications distributed mainly within the University have not been included. The few exceptions are those in which the author has contributed to a publication that was later disseminated on a nationwide basis.

The Graduate Office sought to poll every Faculty member to obtain complete and accurate citations. As with the previous compilations, omissions and errors are inevitable. The writer takes full responsibility for these and expresses his apologies.

It is hoped that Faculty Contributions 1970-71 will prove to be useful.

George G. Mallinson, Dean
The Graduate College
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Bibliographical Listings

In general, the publications listed in this document appear alphabetically by Department. Where feasible, the entries for each faculty member are entered chronologically. Deviations exist where other modes of order seemed more appropriate.

A summary of the publications indicated the following:

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The Faculty members listed below are editors of journals that have national distribution.

Chief Editor of a Journal published outside Western Michigan University

2. Elizabeth E. Baldwin, *The Michigan Archaeologist*
3. George G. Dales, *Track and Field Quarterly Review*
4. John L. Feirer, *Industrial Arts and Vocational Education*
5. C. J. Gianakaris, *Comparative Drama*
7. William D. Martinson, *Student Personnel Service, American College Personnel Association (Monograph Series)*
8. Roger E. Ulrich, *Behavior Modification Monographs*
Other Editorial Board Positions on a Journal published outside Western Michigan University

1. Ted P. Banks, II, Contributing Editor, The Explorers Journal
3. Phillip A. Clarke, Associate Editor, Community Education Journal
4. Robert L. Erickson, Associate Editor, Asha
5. Charles B. Keely, International Migration Review
6. David O. Lyon, Editorial Board, The Psychological Record
7. Jacqueline V. Mallinson, Assistant Editor, School Science and Mathematics
8. Gerald C. Martin, Editorial Board, The Community School and Its Administration
9. Gerald C. Martin, Associate Editor, Community Education Journal
10. Andrew C. Nahm, Area Editor (Korea), The Associate for Asian Studies Newsletter
11. John R. Sommerfeldt, The Catholic Historical Review
12. Robert M. W. Travers, Research in the Teaching English

Chief Editor of a Journal published inside Western Michigan University

1. Clifford Davidson, Co-editor, Comparative Drama
2. F. Theodore Marvin, Perspectives: A Journal for General and Liberal Studies
3. Dorothy J. McGinnis, Reading Horizons
4. John R. Sommerfeldt, Studies in Medieval Culture
5. John H. Stroupe, Comparative Drama
6. Charles Van Riper, Western Michigan University Journal of Speech Therapy
Other Editorial Board Positions on a Journal published inside Western Michigan University

1. Roger Cole, *Studies in Medieval Culture*

2. Roger Cole, *Sagitario*

3. Clifford Davidson, Editorial Board, *Studies in Medieval Culture*

4. Dorothy E. Smith, *Reading Horizons*

5. William P. Viall, Editorial Advisory Board, *Open Court Publishing Company*. (Book company)
FACULTY PUBLICATIONS
1970-71

ACCOUNTANCY

Newell, Gale E.

Welke, William R.

ADMINISTRATION

Burke, Richard T.


Mallinson, George G.

"This Meal Ain't Fit for Pigs!" School Science and Mathematics, LXX (October 1970), 601-2.


"You Didn't Hang on Hard Enough or Long Enough, Charlie!" School Science and Mathematics, LXXI (June 1971), 469-70.

"The National Academy of Sciences or Chicken Little?" School Science and Mathematics, LXXI (June 1971), 471-2.


ANTHROPOLOGY

Garland, William


**Lex, Barbara W.**


**Maher, Robert F.**

"Comments on James' Analysis of Continuity and Emergence in Indian Poverty Culture." *Current Anthropology*, XI (October-December 1970), 450.


**Smith, Robert Jack**

ART

Argyropoulos, Triantafilos D.


3 works. Constructions of plastic and lights. Birmingham Art Center, Birmingham, Michigan, April 1971.


"Forms A + B." Constructions of plastic and lights, 18 by 36 inches. Battle Creek Art Center, Battle Creek, Michigan, June 1971.

DeLuca, Joseph V.


One-Man Exhibition, Thirty Works Exhibited, Main Gallery, Kalamazoo Institute of Arts, Kalamazoo, Michigan, April, 1971.


"From the Pearl," Aluminum and Canvas on Board, 72" Circle, Kalamazoo Area Show, A Juried Exhibition, First Award, Gilmore Art Center, Kalamazoo, Michigan, February 7-28, 1971.

Two-Man Exhibition, 12 works exhibited, Research Grant Recipients, Miller Auditorium, Western Michigan University, Kalamazoo, Michigan, September 1970. (with T. D. Argyropoulos)

One-Man Exhibition, Thirty-five works exhibited, Gallery One, Findlay, Ohio, November 1970.

Summer Group Exhibition, Two works exhibited, Lantern Gallery, Ann Arbor, Michigan, July-August 1970.

Hansen, Marc F.


Johnston, Robert P.


"Faculty Artist Exhibitions." (Section on William E. Artis) Art Journal, XXX (Spring 1971), 322.

"Quotations from Student Examination Papers." Art Journal, XXX (Summer 1971), 375-82.

"Western Michigan University." Art Journal, XXX (Summer 1971), 420.

Mergen, Paul S.


Rensenhouse, Barbara


BIOLOGY

Brewer, Richard


Goodnight, Clarence J.

"Black Widow." Encyclopedia Brittanica, III (January 1971), 751-2. (with M. L. Goodnight)


Rutherford, Phoebe E.


Schumann, Donna N.


Wood, Jack S.


BUSINESS EDUCATION

DeYoung, Ronald C.

Office Simulation. Monograph No. 2., Department of Business Education and Administrative Services, Western Michigan University, Kalamazoo, Michigan 1971. Pp. 27. (with Darrell G. Jones)


"Proper Emphasis in the Shorthand Classroom" Business Education Forum, XXV (December 1970), 51-2. (with Doris H. Crank)

Hatch, Richard A.


"That's a Spicy Meatball." Colloquium, III (June 1971), 5-6.

McKitrick, Max O.


Moskovis, L. Michael


BUSINESS RESEARCH

Stam, James C.


CHEMISTRY

Berndt, Donald C.


Cooke, Dean W.


Foote, I. Lindsley


Harmon, Robert E.

"The Reaction of Resonance-stabilized Ylids with D-Glucose and D-ribose Derivatives." Carbohydrate Research, XIV (July 1970), 123. (with George Wellman and S. K. Gupta)

"N,N-Dialkylamino-1,2,3-Triazole-β-Diazoamidine Tautomers from Substituted Benzenesulfonyl Azides and Ynamines." Journal of Organic Chemistry, XXXV (October 1970), 3444. (with F. Stanley, Jr., S. K. Gupta, and J. Johnson)


"1,3-Dipolar Additions of Glycosyl Azides to Substituted Acetylenes." Chemical Communications, (March 1971), 296-7. (with R. A. Earl and S. K. Gupta)


"Oxidation of Starch Catalyzed by Persulfate." Die Starke, VI (June 1971), 197. (with S. K. Gupta and J. Johnson)

Howell, James A.


Kana'an, Adli S.

McCarville, Michael E.


Stenesh, Jochanan


"Relative Incorporation of Phenylalanine at Different Temperature by Cell-Free Systems from Bacillus Licheniformis and Bacillus Stearothermophilus." Biochimica et Biophysica Acta, CCXXVIII (January 1971), 259-67. (with N. Schecter, P. Y. Shen, and C. Yang)

COUNSELING AND PERSONNEL

Betz, Robert L.

"Peer Ratings Revisited." Counselor Education and Supervision, X (Winter 1971), 165-70. (with K. B. Engle)

"A Further Note on Dogmatism." Counselor Education and Supervision, X (Winter 1971), 194-5. (with W. L. Osborne)


Engle, Kenneth B.

"Supplemental Counseling and Educational - Vocational Planning." Vocational Guidance Quarterly, XVIII (September 1970), 50-5. (with Robert Williams and Gilbert Mazer)

"Peer Ratings Revisited." Counselor Education and Supervision, X (Winter 1971), 165-70. (with Robert Betz)

"Personality and Attitude Change in Counselor Trainees: An Evaluation." Counselor Education and Supervision, X (Spring 1971), 273-83. (with Gilbert Mazer)

Martinson, William D.

"Counselors' and Cウンセラーズの学習スタイル on Interview Behavior." Journal of Counseling Psychology, XVIII (March 1971), 138-41. (with W. D. Smith)


Mazer, Gilbert E.


"Personality and Attitude Change in Counselor Trainees: An Evaluation." Counselor Education and Supervision, X (Spring 1971), 273-82. (with K. B. Engle)

DISTRIBUTIVE EDUCATION

Dannenberg, Raymond A.

(Editor) Distributive Teacher-Coordinator Leadership Development Seminar Concerning the Disadvantaged. Final Report of a Project supported by a grant from the Division of Vocational Education, Michigan Department of Education. Department of Distributive Education, College of Applied Sciences, Western Michigan University, Kalamazoo, Michigan, September 1970. Pp. ii + 97. (with Adrian Trimpe)


DIVISION OF INSTRUCTIONAL COMMUNICATION

Jamison, Frank R.


Segal, Eliezer A.


Snow, Carl B.


Spink, Ralph M.

"No 'Electronic Editor,' You Say?" Educational Television, II (December 1970), 14-6. (with Edwin Ryba)

Woodliff, Charles M.

"Weep for our Schools." Maryland Program Journal, II (September 1970), 6-8.


ECONOMICS

Ho, Alfred K.


Kripalani, Gangaram K.


Ross, Myron H.


Sichel, Werner


Zelder, Raymond E.


EDUCATION

Travers, Robert M. W.


EDUCATIONAL LEADERSHIP

Boles, Harold W.


Martin, Gerald C.

"Must We Evaluate?" Community Education Journal, I (February 1971), 10-1.

Viall, William F.


Weaver, Donald C.


EDUCATIONAL RESOURCE CENTER

Winslow, Mildred M.


ENGINEERING AND TECHNOLOGY

Beukema, Henry J.


Hamelink, Jerry H.


Johnson, G. Stewart

"The Supervisor is Not the Professor." Journal of College Placement, XXXI (December 1970-January 1971), 32-6. (with Carl Shafer)

McCabe, William M.


Scott, Frank S.


ENGLISH

Callan, Edward T.


Carlson, Norman E.


Cooley, John


Davidson, Clifford


"Nature and Judgment in the Old Arcadia." Papers on Language and Literature, VI (Fall 1970), 348-65.


Fritscher, John J.


Gianakaris, Constantine J.


Gingerich, Martin E.


Johnston, W. Arnold


Jones, Robert L.

(Poems) "From Him" and "Someone Is Remembering Me." Sumac, III (Spring 1971), 69-70.

Macrorie, Ken


Malmstrom, Jean


"Love Me or Leave Me but Don't Waste the Time: Dialects in Today's Schools." The English Record, XXI (April 1971), 102-8.


Phillips, John R.

Stroupe, John H.

"Marco Millions and O'Neill's 'two part two-play' Form." Modern Drama, XIII (February 1971), 382-92.

"Eugene O'Neill and the Creative Process." The English Record, XV (October 1970), 69-76.

Woods, John W.


(Poem) "A Bone Flicker." Poetry Northwest, II (Winter 1970-71), 44.


(Poem) "For Prevention of Disease Only." Sumac, III (Spring 1971), 39-42.

GENERAL STUDIES

Bank, Theodore P.


Keary, John P.


Porter, Dale H.


"The Course Curse." Perspectives, II (October 1970), 107-16.


Zender, Bryce F., Jr.


GEOGRAPHY

Heller, Charles P.


Jackman, Albert H.


Kirchherr, Eugene C.


Raup, Henry A.


Stolle, Hans J.


GEOLGY

Davis, Richard A.


Passero, Richard N.


Straw, W. Thomas


HISTORY

Averitt, R. Douglas


Breisach, Ernst A.


Cordier, Sherwood S.


Davis, Ronald W.


Dooley, Howard J.

"Symbol of Modern Mexico Erased from Guidebooks and Becomes a Non-Place." Kalamazoo Gazette, CXXXVII (September 27, 1970), A7. (with Joel R. Connelly)

"Rational Rebels: Student Protest in Mexico." Notre Dame Alumnus, XLVIII (October-November 1970), 8-9. (with Joel R. Connelly)

"Mexico on the Brink of Quiet Rebellion." Seattle Post-Intelligencer, Northwest Today, CVII (December 6, 1970), 10-1. (with Joel R. Connelly)


Hahn, Robert J.


Maier, Paul L.


"The Basis of Western Freedoms." Christian Economics, XXII (December 1970), 1,5.


**Nahm, Andrew C.**


**Sommerfeldt, John R.**


"Medieval Studies at Western Michigan University in Kalamazoo." *Chronica*, VII (Fall 1970), 7-12.


**Yzenbaard, John**

Holland, David


Parker, Frances J.

"Follow the Leader." Illinois Teacher, XIV (January-February 1971), 142-5.


INDUSTRIAL EDUCATION

Feirer, John L.


"Is The Project Dead?" Industrial Arts and Vocational Education/Technical Education, LIX (September 1970), 21.

"Industrial Education in Urban America." Industrial Arts and Vocational Education, LIX (October 1970), 23.

"MURC, Pollution and Industrial Education." Industrial Arts and Vocational Education, LIX (November 1970), 19.


"How to Spend Federal Vo-Tech Funds." Industrial Arts and Vocational Education. LX (January 1971), 12.

"Relevancy and Occupational Education." Industrial Arts and Vocational Education, LX (February 1971), 19.

"Should There be Terminal Education?" Industrial Arts and Vocational Education, LX (April 1971), 19.

"Don't Drop 'Hands-on Activities'," Industrial Arts and Vocational Education, LX (May/June 1971), 19.

Klammer, Waldemar E.

"E-E Design for Efficient Instruction." Industrial Arts and Vocational Education, LX (March 1971), 34-5.

LANGUAGE

Ebling, Benjamin


Mantero, Manuel


(Poem) "Voy a cumplir Cuarenta años." Insula, XXV (September 1970), 2.

"A propósito de un homenaje a Ungaretti." Insula, XXV (February 1971), 16.

Osmun, George F.


LIBRARIANSHIP

Grotzinger, Laurel A.


Lowrie, Jean E.


McKinney, Eleanor R.


LIBRARY

Kiraldi, Louis


**LINGUISTICS**

Hendriksen, Daniel P.


**MANAGEMENT**

Hill, James W.


"An Alternative to Field Studies and Laboratory Experimentation in the Study of Organizational Behavior." Business Perspectives, VII (Winter 1971), 16-20. (with Ronald Bishop)

"Effects of Job Enlargement and Job Change on Contiguous but Non-manipulated Jobs as a Function of Workers Status." Journal of Applied Psychology, LV (June 1971), 175-81. (with Ronald Bishop)


Rizzo, John R.


**MARKETING**

Sokolowski, Emil J.

MATHEMATICS

Alavi, Yousef


Buckley, Joseph T.


Chartrand, Gary T.

"Randomly Traversable Graphs." Elemente der Mathematik, XXV (September 1970), 101-7. (with A. T. White)

"n-Hamiltonian Graphs." Journal of Combinatorial Theory, IX (September 1970), 308-12. (with S. F. Kapoor and D. R. Lick)

"On Minimal Regular Digraphs With Given Girth." Fundamenta Mathematica, LXIX (September 1970), 227-31. (with M. Behzad and C. E. Wall)


"Graphical Theorems of the Nordhaus-Gaddum Class." Lecture Notes in Mathematics, CLXXXVI (April 1971), 55-61. (with J. Mitchem)

"Isometric Graphs." Lecture Notes in Mathematics, CLXXXVI (April 1971), 63-7. (with M. J. Stewart)

Eneigenburg, Paul J.

"The Hardy Class of Some Univalent Functions and Their Derivatives." Michigan Mathematics Journal, XVII (December 1970), 335-46. (with F. R. Keogh)

Giesy, Daniel P.


Goldsmith, Donald L.


Hannon, Herbert H.


Hsieh, Philip F.


"Regular Perturbation for a Turning Point Problem." Funkeralaj Fkvacioj, XII (February 1970), 155-80.


Kapoor, S. F.

"n-Hamiltonian Graphs." Journal of Combinatorial Theory, IX (October 1970), 308-12. (with G. Chartrand and D. R. Lick)

Lick, Don R.


"On Prescribed Connectivities in Graphs." Colloquium Mathematicum, XXI (Fall 1970), 387-92. (with H. V. Kronk)


Nelson, James D.


Stoddart, Arthur W. J.


White, Arthur T.


"k-Degenerate Graphs." Canadian Journal of Mathematics, XXII (October 1970), 1082-96. (with Don R. Lick)

"Randomly Traversable Graphs." Elemente der Mathematik, XXV (September 1970), 101-7. (with Gary Chartrand)
Wright, Alden H.


MUSIC

Holmes, Robert W.


Ricci, Robert J.


Sheldon, David A.


OCCUPATIONAL THERAPY

Schmid, Harriet M.


OFFICE OF RESEARCH SERVICES

Buchtel, Foster S.

"Blueprint for Getting a Grant for Research." College Management, VI (March 1971), 20-1.

PAPER TECHNOLOGY

Kukolich, Stephen I.


PHYSICAL EDUCATION - MEN

Slaughter, Thomas C.

"Guide to Camping In Europe." Better Camping, XII (April 1971), 49-52.

PHYSICAL EDUCATION - WOMEN

Davis, Ruth M.

"The Relations Between Body Image Boundary and Physical Fitness in Children from a Trainable Program for Mental Retardates." Challenge, VI (March 1971), 12.


Klammer, Opal


PHYSICS

Bernstein, Eugene M.


Carley, David D.

Hardie, Gerald


Kruglak, Haym


Kusmiss, John H.


Oppliger, Larry


Shamu, Robert E.

"Accelerator Energy Calibration Using the $^{12}$C ($\alpha\alpha$) Threshold." *Bulletin of the American Physical Society*, XV (December 1970), 1671. (with M. Parrott and E. M. Bernstein)


Soga, Michitoshi


POLITICAL SCIENCE

Kim, C. L. Eugene


Klein, George


Phillips, Claude S., Jr.


Rogers, Chester B.

"Nonpartisanship and Election to City Office." Social Science Quarterly, LI (March 1971), 941-5. (with Harold D. Arman)
Ziring, Lawrence


PSYCHOLOGY

Huijema, Bradley E.


Keller, Fred S.


"Experience with a Proctorial System of Instruction." Engineering Education, LXI (March 1971), 504-5. (with B. V. Koen)


Mountjoy, Paul T.


"The Effects of Isolation on Two Types of Aggression in the Chicken." Journal of the Scientific Laboratories, Denison University, LI (December 1970), 49-55. (with Dennis A. Vanderweele)


Ulrich, Roger E.


"Fighting and Escape Reaction in Paired Rats." Psychological Record, XXI (Winter 1971), 59-68. (with Marshall Wolfe and Sylvia Dulaney)

READING CENTER AND CLINIC

McGinnis, Dorothy J.


REHABILITATION OF BLIND

Blasch, Donald


Kaarlela, Ruth


Widerberg, Lloyd C.

RELIGION

Bischoff, Guntram G.


Siebert, Rudolf J.


SCHOOL OF SOCIAL WORK

Flynn, John P.


Reid, Kenneth E.

"Community Mental Health on the College Campus." Hospital and Community Psychiatry, XXI (December 1970), 20-4.


SCIENCE

Mallinson, Jacqueline V.


SOCIOLGY

Bennett, William S., Jr.

Bouma, Donald H.


Erickson, Edsel L.


Horton, Paul B.


Keely, Charles B.

Lewis, David M.


MacDonald, Richard R.


Schellenberg, James A.


"County Seat Wars: A Preliminary Analysis." Journal of Conflict Resolution, XIV (September 1970), 345-52.

Smith, Herbert L.


SPEECH

Dieker, Richard J.

"Repeated Self-Viewings on Closed-Circuit Television as it Affects Changes in the Self-Concept and Personality Needs of Student Speakers." The Speech Teacher, XX (March 1971), 131-42. (with Loren Crane and Charles T. Brown)


Irvin, Laura J.

Kuykendall, Radford B.


Ratliffe, Sharon

"Attitudinal Differences Between Black and White College Students." The Speech Teacher, XIX (September 1970), 190-8. (with Lyman K. Steil)


Smith, E. Franklin


Stech, Ernest L.


SPEECH PATHOLOGY AND AUDIOLOGY

Egland, George O.


Van Riper, Charles


TEACHER EDUCATION

Burns, James W.


Clark, Phillip A.

"If Two and Two and Fifty Make a Million." Community Education Journal, I (February 1971), 7-9.

Cordier, Mary


Curl, David H.


"Conventions, Sunday Schools Enhanced by Church AV System." Educational Screen and Audiovisual Circle, XLIX (December 1970), 6, 16. (with Roger E. Greeley)


"Why Aren't We Communicating?" Training in Business and Industry, VIII (May 1971), 22, 27, 34, 56.


Fisk, Franklin G.


"Science and Technology in Education: What Kind of Marriage is This?" *Perspectives*, II (October 1970), 97-106.

Lloyd, Bruce A.


"A Study of Undergraduate Preparation in the Teaching of Reading Skills." *Reading Horizons*, XI (Winter 1971), 57-64. (with David R. Taylor and Louis A. Govatos)

Stewart, Mary Lou


**TRANSPORTATION TECHNOLOGY**

Ellinger, Herbert E.


ADDITIONAL REFERENCES

(Note: Only partial information was supplied for some publications. Information about others were sent in after the deadline date for Faculty Publications 1970-71 and so are listed here.)

ACADEMIC SERVICES

Cernant, Leonard


ANTHROPOLOGY

Smith, Robert Jack

"Medical Missionaries as Agents of Change in Guatemala." Michigan Academician, II (Spring 1970), 65-72.

ART

Argyropoulos, Triantafilos D.

16 works. Constructions of plastic and lights, from 18 by 18 inches to 4 feet in length. Miller Auditorium, Western Michigan University, (Work completed under a WMU Faculty Research grant), Kalamazoo, Michigan, October 1970.

3 works. Constructions of plastic and lights. Art Department Faculty Exhibition, Miller Auditorium, Western Michigan University, Kalamazoo, Michigan, November 1971.

Frattallone, Joseph

"Beginning." An original silk screen print on fabric, 48 x 96 inches, Miller Auditorium, Western Michigan University, Kalamazoo, Michigan, November 8 - December 19, 1970.

"Autumn Snow." An original painting in acrylics, 42 x 48 inches, Miller Auditorium, Western Michigan University, Kalamazoo, Michigan, November 8 - December 19, 1970.
58

BIOLOGY

Brewer, Richard


Friedman, Stephen

"Synthesis of Entner-Doudoroff Pathway Enzymes in Pseudomonas fluorescens is regulated by Gluconic Acid." Bacteriological Proceedings, 152. (with S. C. Quay and R. C. Eisenberg)

BUSINESS EDUCATION

Hatch, Richard A.


COUNSELING AND PERSONNEL

Martinson, William D.


ECONOMICS

Ross, Myron H.


EDUCATION

Travers, Robert M. W.

"Letter." Theory into Practice, VIII (December 1969), 305.
EDUCATIONAL LEADERSHIP

McCuskey, Dorothy


ENGLISH

Macrorie, Ken


"How to Inspire 'Alice Dear'," The Michigan English Teacher, XVII (October-November 1969), 4-5.


Shafer, Robert L.


GENERAL STUDIES

Bank, Theodore P.


GEOLOGY

Davis, Richard A.

INDUSTRIAL EDUCATION

Feirer, John L.


"English and Industrial Education." Industrial Arts and Vocational Education/Technical Education, LVIII (October 1969), 17.


"Is Industrial Arts Relevant?" Industrial Arts and Vocational Education/Technical Education, LIX (February 1970), 29.

"Equipment Obsolescence and What To Do About It." Industrial Arts and Vocational Education/Technical Education, LIX (March 1970), 41.


LANGUAGE

Giedeman, Elizabeth

"Cynthia's Birthday." Classical Outlook, XLVIII (December 1970), 41-3.

Mantero, Manuel

(Poem) "Hijo." A B C, (February 1971), P. última.

(Poem) "Gatos en el pajar." A B C (March 1971), P. última.

LIBRARIANSHIP

Grotzinger, Laurel A.


LIBRARY

Kiraldi, Louis


MANAGEMENT

Hill, James W.


MATHEMATICS

Eenigenburg, Paul


Hsieh, P. F.


MUSIC

Boucher, Joan

PHYSICAL EDUCATION - MEN

Dales, George G.


"A Fall Track Program for Discus, Javelin and Hammer Throwers and Shot Putters." Track and Field Quarterly Review, (December 1969), 27-30.

"A Fall Track Program for Jumpers." Track and Field Quarterly Review, (December 1969), 21-26. (with Jack Shaw)

PSYCHOLOGY

Fuller, Paul R.


SOCIOLGY

Eshelman, J. Ross

"Reactions of High School Students in Manila to Supervision and Correction." Philippine Sociological Review, XVII (April 1969), 41-7. (with M. F. Gubuan)

SPEECH PATHOLOGY AND AUDIOLOGY

Erickson, Robert


TEACHER EDUCATION

Clark, Phillip A.


Govatos, Louis

"A Study of Undergraduate Preparation in the Teaching of Reading Skills." Reading Horizons, XI (Winter 1971), 57-64. (with David R. Taylor and Bruce A. Lloyd)
Lloyd, Bruce A.