Faculty Publications 1973-74

Western Michigan University

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ADMINISTRATION OFFICERS
THE GRADUATE COLLEGE
WESTERN MICHIGAN UNIVERSITY

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Sid Dykstra, Ph.D.  . . . . . Associate Dean The Graduate College

Richard Burke, Ph.D.  . . . . . Associate Dean The Graduate College
FOREWORD

Faculty Publications 1973-74 is the twelfth 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
July 1, 1970 and June 30, 1971
July 1, 1971 and June 30, 1972
July 1, 1972 and June 30, 1973

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 University Magazine and in other publications distributed mainly within the University are generally listed in the Additional References section.

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 Publications 1973-74 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:

<table>
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The faculty members listed below are editors of journals that have national distribution.

1. Chief Editor of a Journal published outside Western Michigan University

1. Elizabeth E. Baldwin, *The Michigan Archaeologist*
3. John L. Feirer, *Industrial Education*
4. Martin Grossman, *Skywriting*
7. Laurence S. Rosen, *The Commonwealth Sociologist*

2. Other Editorial Board Positions on a Journal published outside Western Michigan University

2. Ted P. Bank II, Contributing Editor, The Explorers Journal
3. Donald H. Bouma, Associate Editor, Intellect Magazine
4. Mary H. Cordier, Editorial Board, Science and Children
6. C. J. Gianakaris, Advisory Editor, Eastern European Theatre Journal
7. Elizabeth Giedeman, Associate Editor, Classical Outlook
9. Charles B. Keely, Associate Editor, International Migration Review
11. C. I. Eugene Kim, Consulting Editor, Asian Forum
12. C. I. Eugene Kim, Editorial Board, Armed Forces and Society: An Inter-disciplinary Journal
13. Louis Kiraldi, Chairman, Editorial Advisory Board, Index to U. S. Government Periodicals
14. John R. Lindbeck, Board Member (Design), Industrial Education
15. Paul L. Maier, Advisory Editor, Christian Herald Family Bookshelf
16. Paul L. Maier, Contributing Editor, Harper's Bible Dictionary
17. Peter P. Malanchuk, Social Science Editor for MIT Project Intrex Model Library Project: Pathfinder Series. Pathfinders compiled: 1) Claude Levi-Strauss
18. George G. Mallinson, Editorial Board, Blindness, Annual of the American Association of Workers for the Blind
19. Jacqueline V. Mallinson, Assistant Editor, School Science and Mathematics
20. Gile Mazer, Editorial Board, Counselor Education and Supervision
21. Paul T. Mountjoy, Managing Editor, The Psychological Record
22. Andrew C. Nahm, Area Editor (Korea), Asian Studies Professional Review
23. Joseph P. Stoltman, Associate Editor of Teaching Geography Today, Journal of Geography
24. Courtney P. Stromsta, Consulting Editor, Journal of Speech and Hearing Research
25. Courtney P. Stromsta, Consulting Editor, Journal of Fluency Disorders
27. William P. Viall, Editorial Advisory Board, Open Court Publishing Company
28. Donald C. Weaver, Associate Editor, Community Education Journal
29. Glade Wilcox, Textbook Series Editor, Allyn and Bacon, Electrical Technology Series
30. John H. Yzenbaard, Editorial Advisory Board, Michigan History

3. Chief Editor of a Journal published inside Western Michigan University

2. Clifford Davidson, Co-editor, Comparative Drama
3. C. J. Gianakaris, Comparative Drama
4. Robert A. Palmatier, The Informant
5. Steven B. Pulik, Directory of National Science Foundation Programs
6. John H. Stroupe, Comparative Drama

4. Other Editorial Board Positions on a Journal published inside Western Michigan University

1. Audrey Davidson, Editorial Board, Studies in Medieval Culture
2. George H. Demetrakopoulos, Editorial Board, Studies in Medieval Culture
3. Stuart J. Dybek, Fiction Editor, The Trial Balloon

4. E. Rozanne Elder, Associate Editor, Studies in Medieval Culture

5. Elizabeth Giedeman, Editorial Board, Studies in Medieval Culture

6. Robert A. Palmatier, Editorial Board, Studies in Medieval Culture
Newell, Gale

Series of Four Practice Sets to be used in conjunction with *Accounting Principles* by C. Rollin Niswonger and Philip E. Fess. Pp. 868. (with William Welke)

**Practice Set 1 - Milwood Supply Company.**

**Practice Set 2 - Midwest Appliance Company.**

**Practice Set 3 - Kalamazoo Hardware Corporation.**

**Practice Set 4 - Upland Manufacturing Company.**

Welke, William

Series of Four Practice Sets to be used in conjunction with *Accounting Principles* by C. Rollin Niswonger and Philip E. Fess. Pp. 868. (with Gale Newell)

**Practice Set 1 - Milwood Supply Company.**

**Practice Set 2 - Midwest Appliance Company.**

**Practice Set 3 - Kalamazoo Hardware Corporation.**

**Practice Set 4 - Upland Manufacturing Company.**
Burke, Richard


Mallinson, George G.

"It's Such a Nice Day for a Funeral!" *School Science and Mathematics*, LXXIII (October 1973), 529-30.

"He Fell into an Outhouse in Rantoul!" *School Science and Mathematics*, LXXIII (November 1973), 617-8.

"Oh Where is my Horse's Patoote?" *School Science and Mathematics*, LXXIII (December 1973), 705-6.


"Don't Dirty the Refuse Barrel! Scatter It on the Road!" *School Science and Mathematics*, LXXIV (February 1974), 89-90.


"Oh Where Did All the Money Go?" *School Science and Mathematics*, LXXIV (April 1974), 265-6.

"Oh, He was Found in the Wreck, with his Hand on the Throttle..." *School Science and Mathematics*, LXXIV (May-June 1974), 355-6.


ANTHROPOLOGY

Maher, Robert F.


Rovner, Irwin

Lindbeck, John R.


DeLuca, Joseph

"Silver Prelude." Aluminum construction, 48 inches by 60 inches, Ferris State College President's Commission on the Arts, Art Acquisition For Permanent Collection, Big Rapids, Michigan, July 1973.


"Silver Cloud Support." Aluminum, stainless, and brass construction, 9 inches by 12 inches, a juried exhibition, Kalamazoo Area Show, Gilmore Art Center, Kalamazoo, Michigan, February 4-25, 1974.

Naftel, Bruce

and Great Britain for one year.

Rensenhouse, Barbara

"Hollow Heads." Two original Masks in celastic, cardboard, styrofoam, papier-mache, and acrylics, created for the Durametallic Corporation, Kalamazoo, Michigan, June 1974.

Rizzolo, Louis B. M.


BIOLOGY

Brewer, Richard


Diani, Arthur

"A Comparative Histochemical Study of the Ophidian Small Intestine." Bulletin of the Missouri Academy of Science, I (July 1973), 55. (with R. Reis)

Engemann, Joseph G.


Ficsor, Gyula


"Glucose-Mediated Mutagenicity in Salmonella Typhimurium." Mutation Research, XXVI (October 1974), 452-3. (with R. I. Zuberi)

"Streptozotocin-induced Univalents in Male Mice." Mutation Research, XXVI (October 1974), 446. (with W. M. B. Maliszewski)
Fowler, Dona J.

"Physiological Populations of the Arachnid, Leiobunum Longipes (Opiliones: Phalangidae)." Systematic Zoology, XXIII (June 1974), 219-25. (with C. J. Goodnight)

Goodnight, Clarence J.


"Physiological Populations of the Arachnid, Leiobunum longipes (Opiliones: Phalangidae)." Systematic Zoology, XXIII (June 1974), 219-25. (with D. J. Fowler)

Holt, Imy V.

"Biological Science as an Audio-Tutorial System of Instruction for the Non-Science Major." Science Education, LVII (April 1974), 499-516. (with Dorothy Hackett)

Inselberg, Edgar


Lawrence, Jean M.


Olsen, Ronald

Pippen, Richard W.


Schultz, Beth


BLIND REHABILITATION

Kaarlela, Ruth


BUSINESS EDUCATION

DeYoung, Ron C.


CHEMISTRY

Berndt, Donald C.

"Medium Effects in the Acid-catalyzed Hydrolysis of Phenylaceto-


Foote, J. Lindsley


Harmon, Robert E.


"Synthesis of Per-O-acetyl-\( \alpha \)-D-glycopyranosyl Halides from Per-O-acetyl-\( \alpha \)-D-glycopyranoses" Journal of Carbohydrates - Nucleosides - Nucleotides, I (February 1974), 109. (with T. S. Lin)


Houser, Thomas J.

"Preparation and Properties of a Polymer Formed from Propargyl Azide." Macromolecules, VI (September 1973), 786-7. (with Dale K. Humbert)

Kanaan, Adli S.


Lowry, George G.

"The Effects of Quiz Sections on Performance in General Chemistry." Journal of Chemical Education, LI (February 1974), 121-4.
Steinhaus, Ralph K.

"Metal-Exchange Reaction between Ethylenediamine-dracetatonicklate (II) and Copper (II)." Inorganic Chemistry, XII (August 1973), 1855-60. (with R. L. Swann)


COMMUNICATION ARTS AND SCIENCES

Heinig, Ruth


Jaks, James A.


Ratliffe, Sharon A.


(Review) "Non-Print Resources for Teaching Interpersonal Communication in the Middle School." Twelve films and four soundstrips in The Speech Teacher, XXIII (March 1974), 173-4.

The Bet. Film - Pyramid Films, N. D., 24 minutes.
Berfunkle. Film - Portafilms, 1964, 9 minutes.
Brand New Key. Film - Pyramid Films, 1972, 4 1/2 minutes.
Claude. Film - Pyramid Films, N. D., 3 minutes.
Lonnie's Day. Film - Coronet Films, 1969, 13 1/2 minutes.
A Man's Hands. Film - Pyramid Films, N. D., 5 minutes.
The Matter With Me. Film - Oxford Films, 1972, 15 minutes.
Papa, You're Crazy. Film - Oxford Films, 1972, 18 minutes.
Summerplay. Film - Oxford Films, N. D., 14 minutes.
Up Is Down. Film - Pyramid Films, 1969, 6 minutes.
Reflections of Myself: The Adolescent Experience. Soundstrip - Guidance Associates, 1972, Part I - 96 frame, 10 minutes; Part II - 99 frame, 10 minutes.
Understanding Your Parents. Soundstrip - Guidance Associates 1972, Part I - 67 frame, 10 minutes; Part II - 54 frame, 10 minutes.

Stillwell, Lyda


COMPUTER CENTER

Stoline, Michael R.


COUNSELING AND PERSONNEL

Betz, Robert L.


Engle, Kenneth B.

"Effect of an Ounce of Vodka on Alcoholics' Desire for Alcohol." Physician's Alcohol Newsletter, VIII (September 1973), 6. (with Tom Williams)
Mazer, Gilbert


DISTRIBUTIVE EDUCATION

Dannenberg, Raymond A.

"Quality Control in Distributive Education." American Vocational Journal, XLIX (January 1974), 54-5.

Humbert, Jack T.

The National Association of Distributive Education Teachers Accountability Kit or How To Survive the 70's. National Association of Distributive Education Teachers, Pontiac, Michigan, 1974. Pp. 20. (with Marie Schrag and Ron Stedman)


ECONOMICS

Emerson, Frank C.


Ho, Alfred K.


Kripalani, G. K.


Ross, Myron H.

(Editor) Economics of Higher Education. Graduate School of Business Administration, University of Michigan, Ann Arbor, Michigan, 1974. Pp. xv + 93.


"An Exception to the Law of Demand." Journal of Consumer Affairs, VII (Winter 1973), 400-5. (with Donald Stiles)

Sichel, Werner


"Vertical Integration As A Dynamic Industry Concept." The Antitrust Bulletin, XVIII (Fall 1973), 463-82.


Weaver, Donald C.


Wood, George S.


"Writing Goals and Objectives with a Council." Community Education Journal, IV (May-June 1974), 49-51. (with Gerald C. Martin)

"A University Community Education Class Goes International!" Community Education Journal, IV (July-August 1974), 10. (with Gerald C. Martin)

ENGINEERING AND TECHNOLOGY

Rayl, Leo S.


ENGLISH

Brown, Michael R.

"Research and the Teaching of Writing." Freshman English News, II (Fall 1973), 11-2.

(Poem) "Chimera #2." The Blue Cloud Quarterly, XIX (Fall 1973), 11.
Carlson, Norman E.

"Donne's HOLY SONNETS, XIX." The Explicator, XXXII (November 1973), Item 19.

Cooley, John R.

"Blacks as Primitives in Eudora Welty's Fiction." Ball State University Forum, XIV (Summer 1973), 20-8.


Cooney, Seamus


"Williams' 'To Be Recited to Flossie on Her Birthday.'" The Explicator, XXXII (November 1973), Item 24.

"Richard Eberhart's 'Experience Evoked.'" The Explicator, XXXII (January 1974), Item 39.


Dybek, Stuart J.


"Bastille Day on E. 25th St." and "To A." Invisible City, XII (May 1974), 12.


"The Long Thoughts." The Iowa Review, V (Spring 1974), 36-44.

(Poem) "Windchime." The Sou'wester, II (Spring/Summer 1974), 75.
Goldfarb, Russell M.

"Hiram H. Horsefall & Company: The Audience for Mr. Sludge, the Medium." Research Studies, XLI (September 1973), 192-200.


Grossman, Martin


"At The Farm." Abraxas, VII (July 1973), 16.

"An Interview with Charles Wright." Skywriting, I (September 1973), 6-10.

Macrorie, Ken


Malmstrom, Jean


McTaggart, Fred


Nelson, Arnold G.

Sadler, David F.


Weaver, Constance


Woods, John


(Poem) "To the Chairperson of the Sonnets." The Ohio Review, XV (Fall 1973), 63.


(Poem) "From the Rooms." Field: Contemporary Poetry and Poetics, VIII (Summer 1973), 42-3.


FINE ARTS, COLLEGE OF

Holmes, Robert W.


GENERAL STUDIES, COLLEGE OF

Davidson, Audrey


Doezema, Herman P.


Dooley, Howard J.


Greenberg, Gilda M.


Greenberg, Norman C.


Gross, Francis L., Jr.


GEOGRAPHY

Eichenlaub, Val L.

"Convective Precipitation in the Detroit Urban Area." The Professional Geographer, XXVI (May 1974), 140-6. (with Christina Bacon)

Erhart, Rainer R.


Heller, Charles F.

XXVI (February 1974), 131-2.

Jackman, Albert H.


Micklin, Philip P.


Raup, Henry A.


Stoltman, Joseph P.

"Effects of an Individualized Reading Curriculum in Southern Appalachia." Reading Improvement, X (Winter 1973), 57-61. (with T. H. Goolsby)

Harrison, Linda K.


Harrison, William B., III


Beech, George


Brown, Alan S.


Brunhumer, Walter


Davis, Ronald W.


Elder, E. Rozanne


Gregory, Ross


Maier, Paul L.


"Did Anti-Semitism Distort the Crucifixion Story?" Eternity, XXIV (November 1973), 18-9, 28.

"The Jesus Game." Eternity, XXIV (December 1973), 22-4, 62.


"The Mysterious Magi." Church Management, XLIX (September-October 1973), 12-3.


"Who Was Responsible for the Trial and Death of Jesus?" Christianity Today, XVIII (April 12, 1974), 8-11.


Nahm, Andrew C.


Yzenbaard, John H.


INDUSTRIAL EDUCATION

Atkins, Michael B.

Feiner, John L.


"Can You Write Performance Objectives and Are You Accountable?" Industrial Education, LXII (September 1973), 21.

"Is Readability the Major Problem in Instructional Material?" Industrial Education, LXII (October 1973), 21.

"Energy Crisis--Bad News For All." Industrial Education, LXII (November 1973), 41.

"Sagging College Enrollments--Bad News or Opportunity?" Industrial Education, LXII (December 1973), 23.


"Where Will Junior High Industrial Arts Be in 10 Years?" Industrial Education, LXIII (February 1974), 23.


LANGUAGE

Ebling, Benjamin


Gardiner, Jeffrey B.

Griffin, Robert J.

"Any Teacher Can: An Approach to Producing 'Camera Culture Capsules.'" Hispania, LVI (September 1973), 627-30.


LIBRARIANSHIP

Grotzinger, Laurel A.


Lowrie, Jean E.


KiraldI, Louis


Muthiani, Joseph N.

"Psychosociological Bases for Language Choice in Kenya: The Case of
Grassroot Languages, Swahili and English." Lugha, III (November 1973), 1-17.


MANAGEMENT

Wallace, Roger L.


MARKETING

Pletcher, Barbara A.


Riordan, Edward A.


MATHEMATICS

Chartrand, Gary T.

"A Technique for Reconstructing Disconnected Graphs." Colloquium Mathematicum, XXVII (July 1973), 31-4. (with H. V. Kronk and S. Schuster)


"On the Hamiltonian Index of a Graph." Studia Scientiarum Mathematicarum Hungarica, VIII (December 1973), 43-8. (with C. E. Wall)
"Which Graphs Have Unique Distance Trees?" *American Mathematical Monthly*, LXXXI (January 1974), 53-6. (with S. Schuster)


Goldsmith, Donald L.


Hsieh, Po-Fang


Kapoor, S. F.


Laing, Robert A.


Lick, Don R.

Schreiner, Erik A.


White, Arthur T.


"A Maximal Toroidal Graph which is not a Triangulation." Mathematica Scandinavica, XXXIII (February 1974), 108-12. (with F. Harary, P. Kainen, and A. Schwenk)

Wright, Alden H.

"A 1-ALG Simple Closed Curve in \( E^3 \) is Tame." Canadian Journal of Mathematics, XXV (June 1973), 646-56. (with W. S. Boyd)

Yang, Kung-Wei


MUSIC

Fischbach, Gerald F.

Telemann, Six Minuets from "Sperfois sept et un" for Violin (Flute, Oboe) and B. C. Schott, 1967, Pp. 23.
Telemann, Same for trio: 1st Violin (Flute, Oboe), Viola (Clarinet), Cello (Bassoon). C. Fischer, 1966. Pp. 16.
Torelli, Concerti Musicali a Quattro. C. Fischer, Rental. Pp. 34.

Kasling, Kimr


Kynaston, Trent P.


Ricci, Robert J.


"Lets Write a Rock Tune." Plug, V (September 1974), 4-5.

(Record review) "Red Clay - The Music of Freddie Hubbard." Selmer Student Bandwagon, X (January 1974), 4.

PHYSICS

Bernstein, Eugene M.


"Accelerator Energy Calibration Using the $^{12}$C ($\alpha$,N) $^{15}$O Threshold." Nuclear Instruments and Methods, CXIV (February 1974), 605-8. (with R. E. Shamu and M. J. Parrott)

Bradley, George E.


Hardie, Gerald

"Study of $1^+$ States in $^{48}$V." Physical Review C., VIII (December 1973), 2232-9. (with J. W. Smith, L. Meyer-Schützmeister, and P. P. Singh)

Kruglak, Haym


Soga, Michitoshi


POLITICAL SCIENCE

Dahlberg, Kenneth A.

"Voter Turnout and the Meaning of Election in South Korea." Asian Survey, XIII (November 1973), 1062-74. (with Young Whan Kihl and Doock-kyou Chung)


"Political Campaign and the Candidate Selection of Korean Voters." Theses of Chonnam University, XIX (Annual 1973), 121-37. (with Young Whan Kihl and Doock-kyou Chung)

Kobrak, Peter


Plano, Jack C.


Thompson, William N.


"Ideas at Work: Student Involvement." North Carolina Education, IV (September 1973), 46.


Ziring, Lawrence


PSYCHOLOGY

Hursh, Daniel E.

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