Faculty Publications 1972-73

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ADMINISTRATIVE OFFICERS
THE GRADUATE COLLEGE
WESTERN MICHIGAN UNIVERSITY

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The Graduate College

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

Richard Burke, Ph.D. . . . . . Associate Dean
The Graduate College
Faculty Publications 1972-73 is the eleventh 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

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 1972-73 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:

- Number of contributors: 224
- Number of contributions: 632
- Number of books: 38
- Articles and reviews: 428
- Contributions to bulletins and monographs: 41
- Films: 9
- Other contributions: 68
- Additional References: 48

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. Syed Z. Abedin, CCM Newsletter (Consultative Committee Indian Muslims)
2. Elizabeth E. Baldwin, The Michigan Archaeologist
3. George G. Dales, Track & Field Quarterly Review (United States Track Coaches Association)
4. John L. Feirer, Industrial Education
5. Robert P. Hawkins, School Applications of Learning Theory
6. George G. Mallinson, School Science and Mathematics
7. Roger E. Ulrich, Behavior Modification Monographs
2. Other Editorial Board Positions on a Journal published outside Western Michigan University

1. F. W. Allen, Review Editor, *Bookplates in the News*
2. Donald Blasch, Member, Editorial Board, *Low Vision Abstracts*
3. Robert L. Erickson, Associate Editor, *ASHA*
4. Richard A. Hatch, Guest Editor, *ABCA Bulletin*
5. Robert P. Hawkins, Member, Editorial Board, *Journal of Applied Behavior Analysis*
6. Charles B. Keely, Member, Editorial Board, *International Migration Review*
7. C. I. Kim, Associate Editor, *Journal of Military and Political Sociology*
8. C. I. Kim, Consulting Editor, *Asian Forum*
9. David O. Lyon, Member, Editorial Board, *Psychological Record*
10. Paul L. Maier, Advisory Editor, *Christian Herald's Family Bookshelf*
12. George G. Mallinson, Chairman, Publications Advisory Board, American Association of Workers for the Blind
13. Gil E. Mazer, Member, Editorial Board, *Counselor Education and Supervision*
15. John R. Sommerfeldt, President of Board and Member of Editorial Board, *Cistercian Publications*
16. Joseph P. Stoltman, Associate Editor, *Journal of Geography*
17. Roger E. Ulrich, Member, Editorial Board, *Journal of Applied Behavior Analysis*
18. Donald C. Weaver, Editorial Board, *The Community Education Journal*
19. Donald C. Weaver, Editorial Board, *The Community School and Its Administration*
20. John H. Yzenbaard, Member of Editorial Advisory Board, *Michigan History*

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

1. Donald Blasch, *Long Cane News*
2. Clifford Davidson, co-editor, *Comparative Drama*
3. C. J. Gianakaris, Co-editor, *Comparative Drama*
4. Dorothy J. McGinnis, *Reading Horizons*
5. John R. Sommerfeldt, *Studies in Medieval Culture*
6. John H. Stroupe, *Comparative Drama*
7. Charles Van Riper, *Western Michigan Journal of Speech Therapy*

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

1. Clifford Davidson, Editorial Board, *Studies in Medieval Culture*
2. George H. Demetrakopoulos, Member, Editorial Board, *Studies in Medieval Culture, IV/1*
3. Richard N. Passero, Associate Editor, *Michigan Earth Scientist*
FACULTY PUBLICATIONS
1972-73

ACCOUNTANCY

Burke, John T.


Newell, Gale E.

"Should Humans Be Reported as Assets." Management Accounting, LIV (December 1972), 13-6.


Welke, William R.


"Using the Computer as an Audit Tool." The CPA Journal, XLII (November 1972), 930-2. (with Karl G. King)

"Data Processing and the Auditor." Data Management, XI (February 1973), 13-6. (with Karl G. King)

ADMINISTRATION

Burke, Richard T.


**Denenfeld, Philip**


**German, Leonard**


**Mallinson, George G.**


"And Their Eyes Bugged out Like Tromped-on Frogs!" *School Science and Mathematics*, LXXII (December 1972), 759-60.


"'They Buttered Their Bread, Now They Can Lay In It'." *School Science and Mathematics*, LXXIII (February 1973), 89-90.


"Balaam's Ass for Short!" *School Science and Mathematics*, LXXIII (June 1973), 441-3.


ANTHROPOLOGY

Garland, William


Green, Ernestene L.


Maher, Robert F.


"Comments on Socio-Ecological Change Among the Fiore of New Guinea." *Current Anthropology*, XIII (July-August 1972), 376.


Smith, Robert Jack


ART

DeLuca, Joseph

One Man Show, 31 Constructions and Drawings, Gallery One, Findlay, Ohio. October 1-27, 1972.
Visiting Artist and One Man Show (10 works), University of Cincinnati, Ohio. May 2-5, 1973.


"Grey Flannel Domain." Oil Painting, 48 inches by 64 inches, Group Exhibition, Jackson State Prison, Jackson, Michigan, August and September, 1972.

Dull, Elizabeth


Frattallone, Joseph A.

"Onion." An original drawing, 16 inches by 20 inches, Kalamazoo Institute of Art, Kalamazoo, Michigan, November 5-26, 1972.

"Research." An original assemblage-collage, 42 inches by 48 inches, Kalamazoo Institute of Art, Kalamazoo, Michigan, November 5-26, 1972.

Hansen, Marc F.


Hinton, Alfred F.


"Visiting Artist Program and One Man Show." 20 paintings, oil, acrylic, fabric, and mixed media, Dome Center Exhibition, Saginaw Valley College, Saginaw University Center, Saginaw, Michigan, March 26-31, 1973.

Johnston, Robert F.

"The Voyage of Life - Childhood." An original collage-assemblage, 84 inches by 36 inches, Gilmore Art Center, Kalamazoo, Michigan, October 1972.

"The Voyage of Life - Old Age." An original collage-assemblage, 84 inches by 36 inches, Gilmore Art Center, Kalamazoo, Michigan, October 1972.


King, Donald E.

"Figure on a Bed." One painting, 22 inches by 30 inches, Acrylic on Paper, 12th Annual Painting Show, Exhibited at South Bend Art Center, South Bend, Indiana, Fall 1973.

Metheany, John M.


Moulton, Helmi K.


"Four Woven Hangings." Original weavings in wool, leather, linen and wood. Western Michigan University Art Faculty Exhibition, Kalamazoo Art Institute, Kalamazoo, Michigan, November 5-26, 1972.

Rensenhouse, Barbara


"Fred and Barney." 2 original Masks in cardboard, styrofoam, and acrylics, 10 inches by 24 inches created for the Durametallic Corporation, Kalamazoo, Michigan, June 1973.

Rhodes, Curtis

BIOLOGY

Brewer, Richard


Diani, Arthur R.

"A Comparative Histochemical Study of the Ophidian Stomach." Transactions of The Missouri Academy of Science, VI (July 1972), 172. (with R. H. Reis)

Eisenberg, Robert C.


Ficsor, Gyula

"Survey of Pesticides for Mutagenicity by the Bacterial Plate Assay Method." Newsletter of the Environmental Mutagen Society, VI (October 1972), 6-8. (with Gayle M. Nii LoPiccolo)

Friedman, Stephen B.


Goodnight, Clarence

"A new Species of Tubificid Oligochaete from Central America, Limnodrilus bulliphallus N. Sp." Transactions of the American Microscopical Society, XCI (October 1972), 579-85. (with Edward M. Block)

"Building Blocks of Life, Ecology Primer, Part V." National Wildlife, X (September 1972), 42-3. (with Arnold R. Chalfant)


Johnson, Walter E.

"Biochemical Genetics of Sibling Species of the Cotton Rat (Sigmodon)." Studies in Genetics, VII (July 1972), 297-305. (with R. K. Selander, M. H. Smith, and Y. J. Kim)


Rutherford, Phoebe


Schultz, Beth

"It's Not Mere Sentiment." Science and Children, X (March 1973), 7.


Steen, Edwin B.


BLIND REHABILITATION

Blasch, Donald


Suterko, Stanley


BUSINESS EDUCATION

Beelick, Delbert B.


Bournazos, Kimon


Hatch, Richard A.


Kiewiet, Maureen E.


McKitrick, Max O.

"Updating the Traditional Bookkeeping Class." Journal of Business Education, XLVII (December 1972), 100-3.


Moskovis, L. Michael

"Studying Study Habits." FORUM, XXVII (October 1972), 24-6.

CHEMISTRY

Berndt, Donald C.


Brown, Donald J.

Cooke, Dean W.

"Geometric Isomers of Complexes with (R)-N, N-Dimethylpropylenediamine." *Inorganic Nuclear Chemistry Letters*, VIII (December 1972), 1013-7. (with Jack A. Tiethof)

Harmon, Robert E.


"A New Diazo Transfer Reaction." *Journal of Heterocyclic Chemistry*, IX (October 1972), 1193-4. (with George Wellman and Surendra K. Gupta)

"Unusual Products from the Reaction of Substituted Benzenesulfonyl Azides with N-Methylindole." *Journal of Heterocyclic Chemistry*, IX (October 1972), 1191-2. (with George Wellman and Surendra K. Gupta)


Houser, Thomas J.


Kanjan, Adli S.

Steinhaus, Ralph K.

"Kinetics of the Exchange Reaction Between 1,10-Phenanthroline and Triethylenetetraminonickel (II)." *Inorganic Chemistry*, XI (July 1972), 1505-10. (with J. A. Boersma)

"Kinetics of the Formation Reactions between Nickel (II) and N,N'-Bis (2-propyl) ethylenediamine and N,N'-Dibenzylethylenediamine." *Inorganic Chemistry*, XII (January 1973), 151-6. (with Z. Amjad)


Trimitsis, George B.


"Formation and Study of the$\alpha$ Monoanion and $\alpha,\alpha'$ Dianion of 2,4-Diphenyl-bicyclo[3.2.1] oct-6-en-3-one." *The Journal of the American Chemical Society*, XCV (June 1973), 4333-8. (with E. W. Crowe, G. Slomp, and T. L. Helle)

COMMUNICATION ARTS AND SCIENCE

Brown, Charles T.


Heinig, Ruth


Herman, Deldee M.


"The Challenges We Face." Missouri Speech Journal, IV (April 1973), 1-16.

Nobes, Leon D.

"Protracted Conflict with the Soviets and Our Alternatives." The Diary, LXII (Spring 1973), 3-5.

Ratcliffe, Sharon A.


Stech, Ernest L.


"Sampling Discussion Group Interaction." Speech Monographs, XXXIX (November 1972), 312-4. (with A. A. Goldberg)


COUNSELING AND PERSONNEL

Betz, Robert L.


Engle, Kenneth B.


"Effect of an Ounce of Vodka on Alcoholics' Desire for Alcohol." Quarterly Journal of Studies on Alcohol, XXXIII (December 1972), 1099-1105. (with Thomas Williams)

Mazer, Gilbert

Carlson, Theodore L.


Emerson, Frank C.

(Editor) The Economics of Environmental Problems. Division of Research, Graduate School of Business Administration, the University of Michigan, Ann Arbor, Michigan, 1973. Pp. xvi + 98.

Ho, Alfred K.


Kripalani, C. K.


Ross, Myron H.

"Comment on Jones and Henry, Engineers Ltd." Unpaged in Jones and Henry, Regional Program for Water and Storm Drainage, Kalamazoo County Planning Commission, Kalamazoo, Michigan, December 1972. Pp. 70.

"Internal and External Balance in an 'Almost Classical' World." Western Economic Journal, X (September 1972), 346-51. (with Raymond Zelder and Arnold Collery)

"How to Save $1 Million: Vary the Price of Tuition." College and University Business, LIV (February 1973), 48-9.


Zelder, Raymond E.


"Internal and External Balance in an 'Almost Classical' World." *Western Economic Journal*, X (September 1972), 346-51. (with M. H. Ross and A. Collery)


EDUCATION, COLLEGE OF

Travers, Robert M. W.


Wood, George S.


EDUCATIONAL LEADERSHIP

Roth, Rodney W.


Weaver, Donald C.


Davis, Charles A.


ENGLISH

Callan, Edward T.


Carlson, Norman E.


"Want to Make Judy Mochizuki Mad? Ask Her If She Speaks English!" Trends, V (March-April 1973), 167.

Cooley, John


Cooney, Seamus


Davidson, Clifford

"The Digby Mary Magdalene and the Magdalene Cult of the Middle Ages." Annuale Mediaevale, XIII (December 1972), 70-87.


Douma, Rollin G.

Fritscher, John J.


Gianakaris, Constantine J.


Gingerich, Martin


Goldfarb, Russell


Hughes, Theone


Malmstrom, Jean


Smith, David J.


(Poem) "The Tattooed Man." Kansas Quarterly, IV (Summer 1972), 28.

(Poem) "Those Who Are Left." Prairie Schooner, XLVI (Fall 1972), 254.


(Story) "The Cockbird." The Little Magazine, VI (Fall 1972), 89-93.

(Story) "Poets and Other Scurrilous Creatures." The Miscellany, VIII (Winter 1973), 27-36.


Weaver, Constance

(with Jean Malmstrom)

Woods, John


(Poem) "The Second One." Hearse, XVII (1972), unpaged.


(Poem) "I Only Have One Cavity." Iowa Review, IV (Fall 1973), 4.


Dibianco, Douglas R.


Dooley, Howard J.


"Hesburgh Calls Firing 'Educational'". The National Catholic Reporter, IX (December 1972), 5, 17. (with Joel R. Connelly)

"The Priest and the President." The Progressive, XXXVII (February 1973), 27-31. (with Joel R. Connelly)

"The Rights Struggle---Making of a Rebel." Chicago Sunday Sun-Times, XXVI (February 4, 1973), 1, 2, 16. (with Joel R. Connelly)

"Cheer, Cheer for New Notre Dame." U. S. Catholic, XXXVIII (June 1973), 23-9. (with Joel R. Connelly)


**Engels, Carl J.**


**Gammon, Reginald**


**Greenberg, Norman C.**


"Insights Into Cultural Understanding." *Kalamazoo College Review*, XXXIV (December 1972), 10-5. (with Gilda M. Greenberg)


**Haight, Bruce M.**

Eichenlaub, Val L.


Heller, Charles F.

"Continuity in Rural Land Ownership: Western Kalamazoo County, Michigan, 1830-1861." Michigan History, LVI (Fall 1972), 233-46, (with F. S. Moore)


Horst, Oscar H.


Jackman, Albert H.


Kirchherr, Eugene C.


Micklin, Philip P.


Raup, Henry A.


Stoltman, Joseph P.


"Developing Map Skills Through Reading Instruction." Journal of Geography, LXXII (May 1973), 32-6. (with T. Goolsby)

"Computer Instruction in Geography." Journal of Geography, LXXII (May 1973), 4-6. (with J. Root)

GEOLOGY

Chase, Ronald B.


"Structural Evolution of the Northeastern Border Zone of the Idaho Batholith, Western Montana." Geological Society of America, Abstracts with Programs, V (March 1973), 470-1. (with James L. Talbot)

Cronk, Casper

Passero, Richard N.


Schmalts, Lloyd


HISTORY

Beech, George


Breisach, Ernst A.


Brown, Alan S.


Cordier, Sherwood S.


Gregory, Ross


Hawks, Graham P.


Hoffert, Sylvia D.


Maier, Paul L.


"The Guests at the First Christmas." Lutheran Brotherhood Bond, XLIX (December 1972), 3-5.


"The Tomb was Empty." The Lutheran Witness, XCII (April 22, 1973), 10.


"The Empty Tomb." Kalamazoo Gazette, CXL (April 22, 1973), 1, 8.


Nahm, Andrew C.


Sommerfeldt, John R.


Yzenbaard, John H.


"H. P. Scholte and the 1856 Presidential Campaign in Michigan."
Annals of Iowa, XL (Summer 1973), 28-40.


INDUSTRIAL EDUCATION

Feirer, John L.


"A New Look for 'Industrial Education'." Industrial Education, LXI (September 1972), 96.

"What You Can Do For Career Education." Industrial Education, LXI (October 1972), 27.
"Don't Exclude Avocational Skills from Industrial Arts."  

"Every Industrial Education Teacher is a Technical Writer."  
*Industrial Education*, LXI (December 1972), 21.

"Can Career Education be Saved?"  

"Taxes, Technology and the Future of Metal Machining."  

"Do you Know if Your Shop is Safe?"  

"Metrics Now in Drafting."  

"Needed: Placement Directors for Vocational Technical Programs."  

**Purdy, William**

"Are You Equipped for Proper Maintenance?"  

**INSTRUCTIONAL COMMUNICATIONS, DIVISION OF**

**Jamison, Frank R.**


(Tapes) 52 radio news and feature reports ranging from 20 to 3:30 in length - written, produced and voiced for national wire audio services and radio stations - as Broadcast Production Director for 1973 Boy Scout Jamboree, Moraine State Park, Pennsylvania.  

**Provancher, John R.**

_Return._ Film, 29 minutes, sound, color.  
(with R. Mark Spink)

**Spink, R. Mark**

_Return._ Film, 29 minutes, sound, color.  
(with John R. Provancher)
Woodliff, Charles M.

"Implementation: Key Strategy in Improvement Through Technology." Educational Television, IV (October 1972), 48-51.

LANGUAGE

Ebling, Benjamin


Griffin, Robert J.

"Tenes Anyone?" American Foreign Language Teacher, III (Spring 1973), 27-8.

Teichert, Herman U.


LIBRARIANSHIP

Grotzinger, Laurel


Lowrie, Jean E.


LIBRARY

Engelke, Hans


Kiraldi, Louis


Sachtleben, Carl H.


"Problems of Aging." CPH Commentator, III (Fall 1972), 11-2.

LINGUISTICS

Muthiani, Joseph


MANAGEMENT

Rizzo, John R.

MARKETING

Buchanan, Richard W.


Grimm, Jim


"Who Are the Sunday Shoppers?" Discount Merchandiser, XIII (May 1973), 34. (with D. Varble)

Lindquist, Jay D.


Varble, Dale L.


"Perspectives on Sunday Shopping (Abstract)." Southern Journal of Business, VIII (November 1972), 125. (with Jim Grimm)


"Who Are The Sunday Shoppers?" The Discount Merchandiser, XIII (May 1973), 34. (with Jim Grimm)
MATHEMATICS

Alavi, Yousef

(With D. Lick and A. White)

Chartrand, G. T.


Renigenburg, Paul J.


Goldsmith, Donald L.


Hirsch, Christian R.


Hsieh, Philip F.


Kapoor, S. F.


Lick, Don R.


White, Arthur


"A 4-Color Theorem for Toroidal Graphs." Proceedings of the American Mathematical Society, XXXIV (July 1972), 83-6. (with H. V. Kronk)


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