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Faculty Publications 1971-72

Western Michigan University

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The Graduate College
FACULTY PUBLICATIONS
1971-72

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Secretary
The Graduate College
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Secretary
The Graduate College
Western Michigan University

FACULTY CONTRIBUTIONS
Series XVI, No. 1 March 1973

The Graduate College
Western Michigan University
Kalamazoo, Michigan
FOREWORD

Faculty Publications 1971-72 is the tenth 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

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 Contributions 1971-72 will prove to be useful.

George G. Mallinson, Dean
The Graduate College
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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**

1. Elizabeth E. Baldwin, *The Michigan Archaeologist*


4. George G. Dales, *Track and Field Quarterly Review* - (United States Track Coaches Association)

5. John L. Feirer, *Industrial Education*

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

1. Frank W. Allen, Review Editor, Bookplates in the News
2. Ted Banks, II, Contributing Editor, The Explorers Journal
3. Charles T. Brown, Associate Editor, Journal of Communications
4. Robert L. Erickson, Associate Editor, ASHA - Journal of the American Speech and Hearing Association
5. David Holland, Associate Editor, Journal of Marriage and Family
6. Fred S. Keller, Editorial Board, Psychological Reports
7. C. I. Eugene Kim, Associate Editor, Journal of Political and Military Sociology
8. C. I. Eugene Kim, Consulting Editor, Korean Forum
9. John R. Lindbeck, Design Editor, Industrial Arts and Vocational Education
10. Jacqueline V. Mallinson, Assistant Editor, School Science and Mathematics
11. Gerald C. Martin, Editorial Committee and Publication Advisor, The Community School and its Administration
13. A. Thomas Mason, Associate Editor, International Abstracts in Operations Research
14. Gilbert E. Mazer, Editorial Board, Counselor Educators and Supervisors
15. Paul T. Mountjoy, Managing Editor, The Psychological Record
16. John R. Sommerfeldt, Editorial Board, Cistercian Publication
17. Courtney P. Stromsta, Associate Editor, Journal of Speech and Hearing Research
20. John H. Yzenbaard, Member, Editorial Advisory Board, *Michigan History*

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

2. Clifford Davidson, Co-editor, *Comparative Drama*
4. Manuel Mantero, *Sagitario*
5. Dorothy J. McGinnis, *Reading Horizons*
6. John R. Sommerfeldt, *Studies in Medieval Culture*
7. John H. Stroupe, Co-editor, *Comparative Drama*
8. Roger E. Ulrich, *Behavior Modification Monographs*

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

2. Richard N. Passero, Assistant Editor, *Michigan Earth Scientist*
3. Dorothy E. Smith, Editorial Board, *Reading Horizons*
ACCOUNTANCY

Newell, Gale E.


"Making Accounting Relevant to the Students." California Business Education Journal, VI (February 1972), 22-4. (with William Welke)

(Reprint) "Revisions of Reported Quarterly Earnings." C.F.A. Digest, II (Spring 1972), 11-2.

Welke, William R.

"Making Accounting Relevant to Students." California Business Education Journal, VI (February 1972), Pp. 22-4. (with Gale E. Newell)

ADMINISTRATION

Burke, Richard T.


Coulter, Myron L.


Mallinson, George G.


"'You Been a Good Old Wagon But You Done Broke Down'." School Science and Mathematics, LXXII (February 1972), 105-6.

"He Doesn't Have a Good Fat!" School Science and Mathematics, LXXII (March 1972), 193-4.


"'Ee's Pl'ying a Bull Fiddle in a Marching Brass Band'." School Science and Mathematics, LXXII (June 1972), 567-8.


ANTHROPOLOGY

Baldwin, Elizabeth E.


Löffler, Reinhold L.


Willis, John P.

De Luca, Joseph V.

"Jade Poly" and "Ode to J. B." Two Drawings, Governor John Gilligan's Residence, Columbus, Ohio, January-February 1972.


Hansen, Marc F.


"Forty-one Porcelain Bottles." Original Ceramics. One Man Show, Helen Winnemore Gallery, Columbus, Ohio, April 1-29, 1971.

Herrmann, Frank

"MacFarlan Creek II," "MacFarlan Creek III," and "MacFarlan Creek VII." Original paintings in acrylic, 45 inches by 144 inches, 45 inches by 144 inches, and 33 inches by 96 inches. Selected by Contemporary Arts Center, Cincinnati, Ohio for a group show at Baldwin Piano, Cincinnati, Ohio. June 1972 to October 1972.

"Headstone in Rememberance of the Landscape." An original painting in oil, 48 inches by 60 inches. Selected for a juried exhibit at the Cheviot Creative Art Show, Cheviot, Ohio. October 1971.

One man show of paintings in oil and acrylic at the 118 Gallery, Cincinnati, Ohio. July 1971.

Johnston, Robert P.


King, Donald

"Untitled." One original painting, 28 inches by 34 inches, acrylics, Second Annual Winter Show, Fine Arts Center, Anderson, Indiana, January 30 - February 27, 1972.

Metheany, John M.

"Untitled Landscape." An original painting in oil, 72 inches by 102 inches, Grover M. Herman Fine Arts Center, Marietta, Ohio, July 1971. ("Mainstream '71" Award)

"Mike's Landscape." An original painting in oil, 38 inches by 40 inches, 20th Annual Traveling Invitational Exhibit, University of Michigan, Ann Arbor, Michigan, July 18, 1971.


"Limits of Structure: Part III." Original paintings in oil, 76 inches by 108 inches, Permanent Collection Exhibition, University of California, Santa Barbara, California, August 1971.

Moulton, Helmi K.


Rhodes, Curtis


Robbert, Paul

"Water Lilies #3." An original painting in acrylics, 5 feet by 8 feet, All Michigan Show at the Flint Institute of Arts, November 21 - January 23, 1972.

"Water Lilies #3." An original painting in acrylics, 5 feet by 8 feet, Michigan Landscape Show at the Detroit Artists' Market, Detroit, Michigan, February 1972.

BIOLOGY

Beuving, Leonard J.

Eisenberg, Robert C.


Ficsor, Gyula

"A Microbial Assay for Detecting Chemical Mutagens in Tissue Homogenates." Mutation Research, XII (July 1971), 335-7. (with E. Muthiani)


Fowler, Dona J.

"Evidence That Environmental Stimuli Affect Secretory Regulation in vitro." American Zoologist, XI (November 1971), 651-2. (with Clarence J. Goodnight)

"Photoperiodic Regulation of Neurosecretory Cells in vitro." American Zoologist, XI (November 1971), 652. (with Clarence J. Goodnight)

"Circadian Rhythms of 5-Hydroxytryptamine (Serotonin) Production in Larvae, Pupae, and Adults of Drosophilia melanogaster (Diptera: Drosophilidae)." Annals of the Entomological Society of America, LXV (January 1972), 138-41. (with Clarence J. Goodnight and Mary M. LaBrie)

Goodnight, Clarence J.


"Circadian Rhythms of 5-Hydroxytryptamine (Serotonin) Production in Larvae, Pupae, and Adults of Drosophila melanogaster (Diptera: Drosophilidae)." Annals of the Entomological Society of America, LXV (January 1972), 138-41. (with Dona J. Fowler and Mary M. LaBrie)

"Opilionids (Phalangida) of the Family Phalangidae from Mexican Caves." Association for Mexican Cave Studies, Bulletin IV (September 1971), 33-45. (with Marie L. Goodnight)


Lawrence, Jean M.

"The Presence of a Hyperglycemic Factor in the Suprapharyngeal Ganglia of Lumbricus terrestris." General and Comparative Endocrinology, XVIII (April 1972), 260-7. (with Joan V. Craig and David Clough)

Schultz, Beth


BLIND REHABILITATION

Blasch, Donald


BUSINESS EDUCATION AND ADMINISTRATIVE SERVICES

Bournazos, Kimon

"Information Management and Privacy in Business." Data Management, IX (July 1971), 18-23. (with Norman French)

"Will Tomorrow's Manager Accept the 'Far-Out' Look?" Industry Week, CLXX (September 1971), 70-5.


DeYoung, Ronald C.


"Implications for Programmed Shorthand Instruction." Business Education Forum, XXVI (March 1972), 69-70.


Hatch, Richard


McKitrick, Max O.


Moskovis, L. Michael

"Developing Instructional Systems." The Balance Sheet, LIII (February 1972), 196-8, 234. (Also listed in Spring 1972 issue of Monofile)

CHEMISTRY

Cooke, Dean W.


Foote, J. Lindsley

"The Identification of Ceramides and Glyceryl Ethers in Un- saponifiable Lipid of Human Aorta." Chemistry and Physics of Lipids, VII (December 1971), 266-78. (with Max Royer)

Gupta, Surendra K.


"Photoreduction of an $\alpha$-Dichloroketone." Synthetic Communications, I (September 1971), 165-7. (with Robert E. Harmon and H. N. Subbarao)


Harmon, Robert E.


"Photoreduction of an ω-Dichloroketone." Synthetic Communications, I (September 1971), 165-7. (with S. K. Gupta and H. N. Subbarao)


"Preparation of 2,8-Polymethylene Benzohomotropylium Cations." Chemical Communications, (February 1972), 472-3. (with S. K. Gupta and Robert Suder)

Houser, Thomas J.

"Kinetics and Mechanism of the Pyrolysis of Oxygen Difluoride."
Journal of the American Chemical Society, XCIV (June 1972), 3326-30. (with Thomas W. Asmus)

Kanamueller, Joseph M.

"Sulfur Dioxide Adducts of Some Disubstituted Hydrazines."
Journal of Inorganic and Nuclear Chemistry, XXXIII (December 1971), 4051-5.

McCarville, Michael E.

"Studies of Phosphorescent Probes for Proteins."
Biochimica et Biophysica Acta, CCLI (December 1971). 285-91. (with R. Hauxwell)

Stenesh, Jochanan

"DNA Polymerase from Mesophilic Thermophilic Bacteria. I. Purification and Properties of DNA Polymerase from Bacillus Licheniformis and Bacillus Stearothermophilus."
Biochimica et Biophysica Acta, CCLXXII (June 1972), 156-66. (with B. A. Roe)

"DNA Polymerase from Mesophilic and Thermophilic Bacteria. II. Temperature Dependence of Nearest Neighbor Frequencies of the Product from the DNA Polymerase Reaction."
Biochimica et Biophysica Acta, CCLXXII (June 1972), 167-78. (with B. A. Roe)

Trimitsis, George B.

"Metalations of Dimethylarenes with Organosodium Reagents. The Catalytic Effect of Certain Tertiary Amines."
Journal of the American Chemical Society, XCIV (March 1972), 2152-3. (with A. Tuncay and R. D. Beyer)

COMMUNICATIONS ARTS AND SCIENCES

Brown, Charles T.


Dieker, Richard J.


Furbay, Albert L.

"Getting Creative Teachers Together." Media and Methods, VIII (September 1971), 59-61. (with Richard Lacey)

Herman, Deldee M.


Jaska, James A.


Ratliffe, Sharon


Robeck, George

CONTINUING EDUCATION, DIVISION OF

Stine, Leo C.

"Nogucnosti za dopunsko obrazovanje kadrova u sad." Kadrovi i rad, VI (November-December 1971), 60-5. (with George Klein)

COUNSELING AND PERSONNEL

Bullmer, Kenneth


Engle, Kenneth

"Elementary Counseling - Whither?" Michigan Personnel and Guidance Journal, III (Fall 1971), 36-44. (with William Osborne)

Lamper, Neil


Martinson, William D.


Mazer, Gilbert E.

"Effects of Social-Class Stereotyping on Teacher Expectation." Psychology in the Schools, VIII (October 1971), 373-8.

COUNSELING CENTER

Manis, Laura G.

DISTRIBUTIVE EDUCATION

Dannenberg, Raymond A.


ECONOMICS

Eckstein, Peter

"Relative Prices in Planning for Economic Development: A Comment."

Emerson, Frank C.

"Valuation of Residential Amenities: An Econometric Approach."
The Appraisal Journal, XL (April 1972), 268-78.

Ho, Alfred K.


Ross, Myron H.


Sichel, Werner


EDUCATION, COLLEGE OF

Travers, Robert M. W.


EDUCATIONAL LEADERSHIP

Boles, Harold W.

"Motivation and YOU." The Michigan Elementary Principal, XLVII (Summer 1972), 23-4, 27. (with Robert Lowman)

Martin, Gerald C.


"Helpmates." Community Education Journal, II (February 1972), 53.

"My Wife is Out Tonight." Community Education Journal, II (February 1972), 55.

Roth, Rodney W.

"The Turned On Generation: Where Will They Turn To?" Journal of Drug Education, II (March 1972), 39-47. (with Ronald Cowan)
Schoenhals, Neil L.


Lindenmeyer, Carl R.


Callan, Edward

"Fugard's Discarded People in New York." World Literature Written in English, XX (November 1971), 5-10.

"W. B. Yeats on the Coming Age: From Home Sapiens to l'Homme Clairvoyant." The Dublin Magazine, XI (Summer 1972), 34-46.


Carlson, Norman E.


Cooley, John


Cooney, Seamus


Davidson, Clifford


"Yeats: The Active and Contemplative Modes of Life." Renascence, XXIII (Fall 1971), 192-7.


Gianakaris, Constantine J.


Goldfarb, Clare R.


"The Question of William Dean Howells' Racism." Ball State University Forum, XII (Summer 1971), 22-30.

Goldfarb, Russell M.


Malmstrom, Jean


Phillips, John R.


Stroupe, John H.


Woods, John


(Poem) "What is Holy?" *December*, XIII (1971), 148.

(Poem) "Something Crying." *Centennial Review*, XV (Summer 1971), 291.

(Poem) "Below." Hearn, XVII (1971), unpaged.

(Poem) "Everyone Born in 1926." Hearn, XVII (1971), unpaged.

(Poem) "Where Will Star Wonder Go?" Hearn, XVII (1971), unpaged.


GENERAL BUSINESS

McCarty, F. William


GENERAL STUDIES, COLLEGE OF

Bach, Shirley

"Electrophoretic Polymorphism of the Fourth Component of Human Complement (G4) in Paired Maternal and Foetal Plasmas." Immunology, XXI (November 1971), 869-78. (with S. Ruddy, J. A. McLaren, and K. F. Austen)
Banks, Ted II


Davidson, Audrey


DeShon, David A.


Dooley, Howard J.

"Hesburgh of Notre Dame: The Necessary Catholic." The Nation, CCXIV (March 1972), 300-3. (with Joel R. Connelly)

"Theodore Hesburgh: Making it as a Mediator." National Catholic Reporter, VIII (April 1972), 19. (with Joel R. Connelly)

"'Father Ted' Held ND University's Controls Through the Turbulent Era." Northwest Progress, (June 30, 1972), 6-7. (with Joel R. Connelly)


Drennan, Ollin J.


Greenberg, Norman C.


GEOGRAPHY

Dickason, David G.

"Precipitation Probabilities As Indices of Climatic Variation Over The Eastern United States." The Professional Geographer, XXIII (October 1971), 301-7. (with V. L. Eichenlaub and N. D. Strommen)
Eichenlaub, Val L.


"Precipitation Probabilities as Indices of Climatic Variation Over the Eastern United States." The Professional Geographer, XXIII (October 1971), 301-7. (with N. D. Strommen and D. G. Dickason)

Erhart, Rainer R.

"Experimenting with Film and Filters." The Journal of Geography, LXXI (May 1972), 302-6. (with R. D. Havira)


Heller, Charles F., Jr.


Horst, Oscar H.


Kirchherr, Eugene C.


Micklin, Philip P.


Raup, Henry A.


Stolle, Hans J.


"Relief Shading of South America." Original pencil work on plastic material, 9 inches by 12 inches, ACSM Cartography Division's Relief Exhibition, 32nd Annual Meeting of The American Congress on Surveying and Mapping, Washington-Hilton Hotel, Washington, D.C., March 12-7, 1972.

Stoltman, Joseph P.


GEOLOGY

Davis, Richard A., Jr.


"Beach Changes on the Central Texas Coast Associated with Hurricane Fern, September 1971." Contributions in Marine Science, XVI (March 1972), 89-98.
'Coastal Processes and Nearshore Sand Bars.' *Journal of Sedimentary Petrology*, XLII (June 1972), 401-12. (with William T. Fox)


Kuenzi, W. David


Passero, Richard N.


Schmaltz, Lloyd J.


STRAW, W. Thomas


HISTORY

Beech, George T.

Brown, Alan S.


Brunhumer, Walter J.


Carlson, Lewis H.


(with George Colburn)

Gregory, Ross


Maier, Paul L.


"The Magi and the Star." Mankind, III (February 1972), 5-6, 8, 58-60.


Sommerfeldt, John R.


INDUSTRIAL EDUCATION

Feirer, John L.


"Industrial Education's 'Business'." Industrial Education, LX (December 1971), 8.


"Should I Be an Engineer or a Tool Maker?" Industrial Education, LXI (March 1972), 21.


Hutchings, Gilbert R.


Lindbeck, John R.


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Grinwis, Gordon

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Moulton, Helmi K.

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Neu, Mary E.

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