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PUBLICATIONS OF THE FACULTIES

ADMINISTRATION

WALTER C. COFFEY, M.S., LL.D., D.Sc., President of the University of Minnesota


“The University of Minnesota—1869 and now.” Opening convocation address noting 75th anniversary of the University of Minnesota, October 5, 1944. Minnesota Alumnus, 44:39-43. October, 1944. Minnesota Chats, 27:1, 2. 4. October 6, 1944.


MALCOLM M. WILLEY, Ph.D., L.H.D., Vice President, Academic Administration, Professor of Sociology


Reviews of


WILLIAM T. MIDDLEBROOK, B.A., M.C.S., Vice President, Business Administration


LAURENCE R. LUNDEN, B.A., LL.D., Comptroller, Assistant Secretary of the Board of Regents, Associate Professor Business Administration


“Suggested forms for gifts or bequests.” Ibid., 44:230. April, 1945.

TRUE E. PETTENGILL, M.S., Acting Director of Admissions and Records and Recorder

UNIVERSITY OF MINNESOTA

SCIENCE, LITERATURE, AND THE ARTS

ADMINISTRATION

T. RAYMOND MCCONNELL, Ph.D., Dean of the College of Science, Literature, and the Arts and Professor of Educational Psychology

Report of the New York City Sub-committee of the Joint Legislative Committee on the State Education System (with others). Legislative Document (1944), No. 60. Albany: Williams Press. 711 pages.


"Adjusting educational psychology to war and postwar needs" (with Frank Freeman and Daniel Prescott). Pages 48-60 in Yearbook No. 29 of the National Society of College Teachers of Education. Ann Arbor: Ann Arbor Press. 1944.


RUSSELL M. COOPER, Ph.D., Associate Professor of Political Science and Chairman General Studies


Editor, United States Armed Forces Institute


HOWARD ROY, M.S., Instructor in Psychology and Counselor


ANTHROPOLOGY

LOYD A. WILFORD, Ph.D., Associate Scientist


ASTRONOMY

WILLEM J. LUYTEN, Ph.D., Professor of Astronomy


"A binary of white dwarfs." Ibid., No. 694. September, 1944.

"Note on Van Biesbroeck's star." Ibid., No. 697. November, 1944.

"Five new white dwarfs" (with Martin Dartayet). Ibid., No. 699. April, 1945.


"Twelve or twenty-four hours." Journal of Calendar Reform, 15:83-87. 1945.

"What shall be done with Germany?" Prize-winning essay, See Magazine. May, 1945.


"What shall be done with Germany?" Ibid., December 20, 1944.
PUBLICATIONS OF THE FACULTIES

BOTANY

ERNST C. ABBE, Ph.D., Professor of Botany and Chairman of the Department of Botany


WILLIAM S. COOPER, Ph.D., Professor of Botany


C. OTTO ROSENDAHL, Ph.D., Professor Emeritus of Botany


C. STACY FRENCH, Ph.D., Assistant Professor of Botany


Abstracts of


CARL W. SHARSMITH, Ph.D., Assistant Professor of Botany


BERNARD PHINNEY, B.A., Teaching Assistant in Botany


Abstract of “Gene action in the development of the leaf in Zea Mays” in American Journal of Botany. Supplement to Vol. 31, No. 8:4s. 1944.

JOHN W. MOORE, Ph.D., Associate Scientist in Botany


GLENN S. RABIDEAU, Ph.D., Associate Scientist in Botany


Abstracts of


AGNES HANSEN, B.S., Laboratory Technologist in Botany


CLASSICS

MARSHURY B. OGLE, Ph.D., Professor of Classics and Chairman of the Department of Classics


JOHN L. HELLER, Ph.D., Assistant Professor of Classics


Editor, Notes, "Classical Journal, 40. 1944-45.


ENGLISH

JOSEPH WARREN BEACH, Ph.D., Professor of English and Chairman of the Department of English


Reviews of


HUNTINGTON BROWN, Ph.D., Professor of English

"Sumer is icumen in." "The Explicator, Vol. 3, No. 4, item 34. 1945.

TREMAINE McDOWELL, Ph.D., Professor of English


Reviews of


Stephen Vincent Benét, America in "Minnesota Tribune, June 26, 1944.


Charles and Mary Beard, A Basic History of the United States. Ibid., August 6, 1944.

Dixon Wecter, When Johnny Comes Marching Home. Ibid., September 17, 1944.

Feike Feikema, The Golden Bowl. Ibid., October 1, 1944.

J. Donald Adams, The Shape of Books to Come. Ibid., December 31, 1944.


Stephen Vincent Benét, We Stand United. Ibid., March 23, 1945.


George R. Stewart, Names on the Land. Ibid., April 22, 1945.

"The Literary Fallacy, Bernard de Voto" (with Robert Penn Warren and Elizabeth Jackson).

Key Center of War Information Bulletin No. 86. 1945. 11 mimeographed pages.

CECIL A. MOORE, Ph.D., Professor of English


JOSEPH M. THOMAS, Ph.D., Professor of English and Assistant Dean for the Senior College

"A metaphorical kick in the seat of the hypothetical pants." Address before the Alumnae Club of the University of Minnesota, "Minnesota Chats, Vol. 27, No. 3, pp. 1, 4. November 17, 1944; Vol. 27, No. 4, pp. 1, 4. December 8, 1944.
PUBLICATIONS OF THE FACULTIES

ROBERT PENN WARREN, B.Litt., M.A., Professor of English


"Cuando la Luz Falidece" (translation of "When the Light Gets Green"). Pages 318-27 in De Escritores Contemporaneos de Las EE. UU, Allen Tate and John Peale Bishop, editors. Santiago, Chile: Editorial Nascimento. 1944.


"Revelation." Ibid., p. 357.

"Pursuit." Ibid., p. 358.


Reviews of


Joseph Campbell and Henry Morton Robinson, A Skeleton Key to Finnegans Wake. Ibid., Vol. 103, No. 38, p. 7, September 17, 1944.

Katherine Anne Porter, Leaning Tower. Ibid., Vol. 103, No. 43, p. 12, October 15, 1944.


Bernice Kelly Harris, Sage Quarter. Ibid., Vol. 104, No. 19, p. 9, May 13, 1945.

"The Literary Fallacy, Bernard de Voto" (with Elizabeth Jackson and Tremaine McDowell). Key Center of War Information Bulletin No. 86. 1945. 11 mimeographed pages.

ELIZABETH JACKSON, Ph.D., Associate Professor of English


"The Literary Fallacy, Bernard de Voto" (with Tremaine McDowell and Robert Penn Warren). Key Center of War Information Bulletin No. 86. 1945. 11 mimeographed pages.

ELIZABETH ATKINS, Ph.D., Assistant Professor of English


JOHN T. FLANAGAN, Ph.D., Assistant Professor of English


"First of the regional realists." Chicago Sun Book Week, p. 3, January 14, 1945.


"Henry B. Fuller knew his Chicago but loved it not." Ibid., p. 4, March 25, 1945.


Reviews of


Grace Lee Nute, Lake Superior in Chicago Sun Book Week, pp. 1, 11, July 30, 944.

D. W. Brogan, The American Character. Ibid., p. 4, October 22, 1944.

John Selby, Elegant Journey. Ibid., p. 4, November 26, 1944.

Darrell Garwood, Artis in Iowa. Ibid., p. 3, December 10, 1944.


ANNA VON HELMHOLTZ PHELAN, Ph.D., Assistant Professor of English

“In the Basilica.” Minnesota Skyline, p. 60. 1944.

HAROLD E. BRIGGS, Ph.D., Instructor in English


RALPH A. HAUG, Ph.D., Instructor in English


JOSEPH J. KWIAT, M.A., Instructor in English


ARNOLD STEIN, Ph.D., Instructor in English

Review of A. Koestler, Arrival and Departure in Reading for Wartime, No. 25, p. 4. September, 1944.

MARY C. TURPIE, Ph.D., Instructor in English


FINE ARTS

LAURENCE SCHMECKEBIER, Ph.D., Professor of Fine Arts and Chairman of the Department of Fine Arts


GEOGRAPHY

RALPH H. BROWN, Ph.D., Associate Professor of Geography

Reviews of:


Thomas C. Donnelly, editor, Rocky Mountain Politics. Ibid., 43:359. 1944.

Walter B. Hendrickson, David Dale Owen, Pioneer Geologist of the Middle West in Minnesota History, 25:374-75. 1944.
Maurice G. Fulton, Diary & Letters of Josiah Gregg, Excursion in Mexico & California, 1847-1850. Ibid., 35:141. 1945.

SAMUEL N. DICKEN, Ph.D., Associate Professor of Geography

GEOLOGY AND MINERALOGY

GEORGE A. THIEL, Ph.D., Professor of Geology and Mineralogy and Chairman of the Department of Geology and Mineralogy

FRANK F. GROUT, Ph.D., Professor of Geology and Mineralogy

JOHN W. GRUNER, Ph.D., Professor of Geology and Mineralogy
"The composition and structure of minnesotaite, a common iron silicate in iron formations." Ibid., 29:363-72. 1944.
"The kaolinite structure of amesite, (OH)₄(Mg,Fe)₄Al₄(Si₈Al₄)O₁₀, and additional data on chlorites." Ibid., 29:422-30. 1944.
"Groatite, HMnO₃, a new mineral of the diaspore-goethite group." Ibid., 30:169. 1945.

GEORGE M. SCHWARTZ, Ph.D., Professor of Geology and Mineralogy

GERMAN

KONSTANTIN REICHARDT, Ph.D., Professor of German and Scandinavian

LYNWOOD G. DOWNS, Ph.D., Assistant Professor of German
Reviews of

Henry Johnson, The Other Side of Main Street in American History Series (Hayes Memorial Foundation, Fremont, Ohio), pp. 145-46. 1944.


ALFRED L. BURT, M.A.(Oxon.), Professor of History


Reviews of


HERBERT HEATON, M.A., M.Com., Litt.D., Professor of History


"Great Britain." Ibid., pp. 82-85.

"Eire." Ibid., p. 66.

"Union of South Africa." Ibid., p. 194.

Reviews of


LAWRENCE D. STEEFEL, Ph.D., Professor of History

Reviews of


GEORGE M. STEPHENSON, Ph.D., Litt.D., Ph.D. honoris causa (Uppsala), Professor of History

Reviews of


PUBLICATIONS OF THE FACULTIES

ALBERT BEEBE WHITE, Ph.D., Professor Emeritus of History

ALICE FELT TYLER, Ph.D., Associate Professor of History
Reviews of

DAVID HARRIS WILLSON, Ph.D., Associate Professor of History
"James I and his literary assistants." Huntington Library Quarterly, 8:33-57, 1944.

FAITH THOMPSON, Ph.D., Assistant Professor of History

GEORGE W. ANDERSON, C.L. (University of Leningrad), Instructor in History

JOHN B. WOLF, Ph.D., Lecturer in History
Reviews of

JOURNALISM

RALPH D. CASEY, Ph.D., Professor of Journalism and Director of the School of Journalism
Reviews of
Editor, Journalism Quarterly, 1944-45.

THOMAS F. BARNHART, M.A., Professor of Journalism
Reviews of
Advisory editor, Scholastic Editor, 1944-45.
MITCHELL V. CHARNLEY, M.A., Professor of Journalism
Reviews of
Garth Bentley, How to Edit an Employee Publication. Ibid., 21:274. September, 1944.
Managing editor, Journalism Quarterly, 1944-45.
Associate editor, Quill, 1944-45.

RALPH O. NAFTZIGER, Ph.D., Professor of Journalism
Reviews of
Editorial Board, Journalism Quarterly, 1944-45.
Editor, Reports 1 to 15, School of Journalism Research Division Studies, Minneapolis Star Journal and Tribune, 1944-45.

EDWIN H. FORD, M.A., M.S., Associate Professor of Journalism

MATHEMATICS
RAYMOND W. BRINK, Ph.D., Professor of Mathematics and Chairman of the Department of Mathematics

DUNHAM JACKSON, Ph.D., Professor of Mathematics
Abstract in Mathematical Reviews, Vol. 5. 1944. p. 264.

MUSIC,
DONALD N. FERGUSON, M.A., Professor of Music
Analytical and Descriptive Notes on the Compositions Performed by the Minneapolis Symphony Orchestra, Season 1944-45. Minneapolis: Minneapolis Symphony Orchestra. 1945. 90 pages.

WARREN WIRTZ, M.A., Instructor in Music
Music criticism of major musical events in Minneapolis. Minneapolis Daily Times, November 15, 1944 to June 1, 1945.
Three preludes and fugues for piano, first two performed over WLB, August, 1944. All three performed at Hamline University composers' program, February, 1945. Composer at piano.
Fifteen two-part inventions for piano, performed over WLB, August, 1944. Composer at piano.

PHILOSOPHY
GEORGE P. CONGER, Ph.D., B.D., Professor of Philosophy and Chairman of the Department of Philosophy
"Eastern and western metaphysics." Ibid., pp. 235-47. 1944.
HERBERT FEIGL, Ph.D., Professor of Philosophy

ALBUREY CASTELL, Ph.D., Associate Professor of Philosophy
Manual of Notes and Queries, Parts I and II, for Humanities Course. University of Minnesota Mimeograph Department. 1944-45. 100 pages each.

PHYSICS

J. WILLIAM BUCHTA, Ph.D., Professor of Physics and Chairman of the Department of Physics
Acting editor

JOSEPH VALASEK, Ph.D., Professor of Physics
Reviews of

EDWARD L. HILL, Ph.D., Associate Professor of Physics

CLIFFORD N. WALL, Ph.D., Associate Professor of Physics

POLITICAL SCIENCE

WILLIAM ANDERSON, Ph.D., Professor of Political Science and Chairman of the Department of Political Science
*Report and Recommendations of the Committee on Government of the Social Science Research Council*, 1941-44. Minneapolis, October, 1944. iv, 93 pages.
CLARENCE C. LUDWIG, M.A., C.P.A., Professor of Political Science and Chief, Municipal Reference Bureau

"Bond issues now for postwar projects." Municipal Finance, 17:11, November, 1944.


Editor

Minnesota Municipalities, Vols. 29-30, 1944-45 (monthly, 12 months).


HAROLD S. QUIGLEY, Ph.D., LL.D., Professor of Political Science


"Japan" (with H. H. Kung, T. T. Brumbaugh, and H. F. MacNair). University of Chicago Round Table, No. 332, July 30, 1944.


Reviews of


David N. Rowe, China Among the Powers. Ibid., 39:601-603, June, 1945.

LLOYD M. SHORT, Ph.D., Professor of Political Science


Reviews of


ASHER N. CHRISTENSEN, B.A., Associate Professor of Political Science


LENNIX A. MILLS, Ph.D., Associate Professor of Political Science

Reviews of


Annals of the American Academy of Political and Social Science, May, 1944, India Speaking. Ibid., 39:392-93, April, 1945.


HERBERT McCLOSKY, B.A., Instructor in Political Science


WERNER LEVI, Ph.D., Instructor in Political Science


Reviews of


PSYCHOLOGY

RICHARD M. ELLIOTT, Ph.D., Professor of Psychology and Chairman of the Department of Psychology

Editor, *The Century Psychology Series:*


CHARLES BIRD, Ph.D., Professor of Psychology


WILLIAM T. HERON, Ph.D., Professor of Psychology

Associate editor


*The Journal of Comparative Psychology*, 1944-45.

DONALD G. PATerson, M.A., Professor of Psychology


"The purpose and aims of the institute." Part I in *Counseling for Veterans*, Minneapolis: Center for Continuation Study, University of Minnesota. 1945.


Editor


MILES A. TINKER, Ph.D., Professor of Psychology


Reviews of
H. E. Burroughs, Boys in Men's Shoes. Ibid., 35:442-43. 1944.
G. L. Bond and E. Bond, Teaching the Child to Read. Ibid., 35:508-509. 1944.

Abstracts of all articles appearing in Psychological Abstracts, 1944-45.

ARTHUR H. BRAYFIELD, B.S., Lecturer in Psychology
"The role of occupational information in vocational counseling." Pages 7-9 in Training Course for Employment Counselors. Minneapolis: University of Minnesota Continuation Center. 1944.
"Training agencies and vocational counseling." Ibid., pp. 10-11.

ROMANCE LANGUAGES
RAYMOND L. GRISMER, Ph.D., Associate Professor of Romance Languages
(Volume 6: Caro-Carm. Pages i-xxv, 1334-1626.)

EMILIO C. LEFORT, Ph.D., Associate Professor of Romance Languages
Reviews of
Various research articles on Latin-American language, culture, and history for the Office of Inter-American Affairs from April, 1943 to August, 1944. (Restricted use.)

JACQUES A. FERMAUD, Ph.D., D.Sc., Assistant Professor of Romance Languages
Editorials and articles in Le Trait d'Union
ELIZABETH NISSEN, Ph.D., Assistant Professor of Romance Languages


JEAN AUTRET, M.A., Instructor in Romance Languages

Spoken Brazilian Portuguese. University of Minnesota General Extension Division. 1944. 17 pages.


"Uns aspectos no considerados de la vida cultural en Ibero-America." Diagonal (por la cultura y la democracia), semanal, Caracas, Venezuela, p. 8. March 16, 1945.


SENSO e articulações do português na pronúncia carioca" (with A. R. da Silva): four recordings, distributed by University of Minnesota General Extension Division. 1944.

EVELYN D. CORBETT, M.A., Instructor in Romance Languages


MARGARITA W. MILLS, M.A., Instructor in Romance Languages


LAWRENCE A. WILSON, Ph.D., Instructor in Romance Languages

Editor, Le Trait d'Union (with Jean Autret). University of Minnesota. 1944-45.

GEORGE HENRY ZENTZ, M.A., Instructor in Romance Languages


ESTHER E. SHULER, M.A., Teaching Assistant in Romance Languages


SCANDINAVIAN

ALRIK GUSTAFSON, Ph.D., Associate Professor and Chairman of the Department of Scandinavian


SOCIOLOGY AND SOCIAL WORK

F. STUART CHAPIN, Ph.D., Professor of Sociology, Chairman of the Department of Sociology, and Director of the School of Social Work

The Impact of the War on Community Leadership and Opinion in Red Wing, No. 3 of series, The Community Basis for Post War Planning. April, 1945. 26 pages.

"The prediction of outcome of boarding home treatment from information obtained at intake" 


Editor, Harpers Social Science Series, 1926—
Co-editor with G. H. Vold, American Sociological Review, 1944—
Cooperating editor, Sociology and Social Research, 1933—
Advisory editor, American Journal of Sociology, 1934—
Contributing editor, Sociometry, 1941—

CLIFFORD KIRKPATRICK, Ph.D., Professor of Sociology

GEORGE B. VOLD, Ph.D., Professor of Sociology
Co-editor with F. S. Chapin, American Sociological Review, 1944—

ANNE FENLASON, M.A., Associate Professor of Sociology and Social Work
"Undergraduate training." Survey Midmonthly, Vol. 80, No. 9, pp. 251-54. September, 1944.

ELIO D. MONACHESI, Ph.D., Associate Professor of Sociology

RAYMOND F. SLETTO, Ph.D., Associate Professor of Sociology
Reviews of Edith Gann, Reading Difficulty and Personality Organization in Rural Sociology, 10:348-349. September, 1945.

GERTRUDE VAILE, M.A., Associate Professor and Associate Director of the School of Social Work

KATHERINE FLANAGAN, B.A., Instructor in Social Case Work (Field)
PUBLICATIONS OF THE FACULTIES

JOSEPH SCHNEIDER, Ph.D., Instructor in Sociology


Reviews of

SPEECH

BRYNG BRYNGELESON, Ph.D., see Dean of Students

HOWARD GILKINSON, Ph.D., Assistant Professor of Speech

Reviews of

Editor, New Books Department, Quarterly Journal of Speech, 1945.

FRANK M. WHITING, Ph.D., Assistant Professor of Speech


E. WILLIAM ZIEBARTH, Ph.M., Instructor in Speech, Acting Manager WLB


Reviews of
- Carroll Atkinson, American Universities and Colleges That Have Held Broadcast License in Newsletter of the National Association of Educational Broadcasters, pp. 11-12. February 1, 1945.
- Carroll Atkinson, Broadcasting to the Classroom by Universities and Colleges. Ibid., p. 7. April 1, 1945.

BURRELL F. HANSEN, M.S., Teaching Assistant in Speech


ZOOLOGY

ADOLPH R. RINGGREN, Ph.D., Professor of Zoology


SAMUEL EDDY, Ph.D., Associate Professor of Zoology


"Gars and dogfish." Ibid., Vol. 8, No. 46, pp. 42-45. 1945.
CLARENCE P. OLIVER, Ph.D., Associate Professor of Zoology and Director of Dight Institute


"Four lozenge alleles phenotypically alike which react differently with their other alleles." Genetics, 20:16. 1945.


ASHTON C. CUCKLER, Ph.D., Assistant Professor of Zoology


RAY C. ANDERSON, Ph.D., Teaching Assistant in Zoology


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PUBLICATIONS OF THE FACULTIES

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ROY JONES, M.Arch., Professor of Architecture and Head of School of Architecture and Advisory Architect to Board of Regents


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Consultant designer, Long and Thorshov, Architects, 1944-45, prepared designs for: nurses home, Minneapolis; nurses home, St. Cloud; standard one-room school design which is fireproof, radiant heated, and indirectly lighted; plan for the development of the lower loop in Minneapolis.

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DRAWING AND DESCRIPTIVE GEOMETRY

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Four original paintings in water color. Industrial design for Smith Welding Company.
UNIVERSITY OF MINNESOTA

ORRIN W. POTTER, M.S., Assistant Professor of Drawing and Descriptive Geometry

ELECTRICAL ENGINEERING

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ROBERT S. LIND, B.S.(E.E.), Instructor in Electrical Engineering

ENGINEERING EXPERIMENT STATION

FRANK B. ROWLEY, M.E., Professor of Mechanical Engineering and Head of the Department of Mechanical Engineering and Director of the Engineering Experiment Station
Vapor Transmission Analysis of Structural Insulating Board (with C. E. Lund). University of Minnesota Engineering Experiment Station Bulletin No. 22. October, 1944. 71 pages.

AXEL B. ALGREN, M.S.(M.E.), Associate Professor of Mechanical Engineering and Assistant Director of the Engineering Experiment Station

CLARENCE E. LUND, M.S.(M.E.), Associate Professor of Mechanical Engineering and Assistant Director of the Engineering Experiment Station

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MATHEMATICS AND MECHANICS

CARL A. HERRICK, M.E., Associate Professor of Mathematics and Mechanics

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PUBLICATIONS OF THE FACULTIES 21

RICHARD C. JORDAN, Ph.D., Associate Professor of Mechanical Engineering and Director of the Industrial Laboratories


THOMAS P. HUGHES, M.S.(Met.), Assistant Professor of Mechanical Engineering


SCHOOL OF CHEMISTRY

ANALYTICAL CHEMISTRY

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Reviews of


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CHEMICAL ENGINEERING

CHARLES A. MANN, Ph.D., Professor of Chemical Engineering and Chief of the Division of Chemical Engineering

"Agitation of two-phase systems of immiscible liquids" (with S. A. Miller). Transactions of the American Institute of Chemical Engineers, 40:709-45. 1944.


Reviews of


RALPH E. MONTOONNA, Ph.D., Professor of Chemical Engineering and Director of the Minnesota Institute of Research


INORGANIC CHEMISTRY

LLOYD H. REYERSON, Ph.D., Professor of Inorganic Chemistry and Administrative Assistant


"Lignite as a chemical raw material." North Dakota Engineer, Vol. 20, No. 2, pp. 2, 3, 32, 34. 1945.


HERVEY H. BARBER, Ph.D., Associate Professor of Inorganic Chemistry and Superintendent of Supply and Equipment


NORVILLE C. PERRIER, Ph.D., Associate Professor of Inorganic Chemistry


"Fluid distribution." Ibid., 14:5-12. 1944.


"Chemical phases of embalming." Mid-Continent Mortician, 14:14-18. 1944.

HAROLD P. KLUG, Ph.D., Assistant Professor of Inorganic Chemistry

"The crystal structure of ammonium pentachlorozincate" (with Leroy Alexander). Journal of the American Chemical Society, 66:1056-64. 1944.


"The unit cell and space group of potassium tetrachlorozincate" (with George W. Sears, Jr.). Ibid., 67:878. 1945.


HERBERT F. SCOBIE, M.S., Instructor in Inorganic Chemistry


Reviews of


LERON ALEXANDER, Ph.D., Teaching Assistant in Inorganic Chemistry

"The crystal structure of ammonium pentachlorozincate" (with H. P. Klug). *Journal of the American Chemical Society*, 66:1056-64. 1944.

GEORGE W. SEARS, JR., Ph.D., Teaching Assistant in Inorganic Chemistry


ORGANIC CHEMISTRY

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Patents


C. FREDERICK KOELSCH, Ph.D., Associate Professor of Organic Chemistry


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EVERETT SCHULTZ, Ph.D., Teaching Assistant in Organic Chemistry


CHARLES H. STRATTON, Ph.D., Teaching Assistant in Organic Chemistry

Synthesis and alkylation of some derivatives of ethyl 2-ketopyrrolidine-3-carboxylate" (with C. Frederick Koelsch). Journal of the American Chemical Society, 66:1883-84. 1944.

"The cis- and trans- forms of dl-3,4-diethylpiperidine" (with C. Frederick Koelsch). Ibid., 66:1881-83. 1944.

ROY W. H. TESS, Ph.D., Teaching Assistant in Organic Chemistry


"The chemistry of vitamin E. XLIV. Synthesis of 3,3,5,6,8,8-hexamethylbenzo-[1,2-b,4,3-b'] dipyran, and its behavior upon oxidation" (with Lee I. Smith). Ibid., 66:1525-26. 1944.


LUCY J. Y. CHU, B.S., Junior Chemist in Organic Chemistry


PHYSICAL CHEMISTRY

FRANK H. MACDOUGALL, Ph.D., Professor of Physical Chemistry and Chief of the Division of Physical Chemistry


Reviews of

ROBERT S. LIVINGSTON, Ph.D., Professor of Physical Chemistry


BRYCE L. CRAWFORD, Jr., Ph.D., Associate Professor of Physical Chemistry

Reviews of

MARTIN ALLEN, Ph.D., Instructor in Physical Chemistry


SCHOOL OF MINES AND METALLURGY

METALLOGRAPHY

CHARLES A. NAGLER, M.S., Instructor in Metallography

Reviews of
M. C. Robbins, Silver Brazing. Ibid., Vol. 17, No. 11, p. 13. 1944.
C. H. Sample, Protective Coatings. Ibid., Vol. 17, No. 12, p. 5. 1944.
Lieutenant Colonel George M. Enos, Metallurgical Inspection in Ordnance. Ibid., Vol. 18, No. 1, p. 3. 1945.

METALLURGY

THOMAS L. JOSPH, M.A., Professor of Ferrous Metallurgy and Acting Administrative Assistant of the School of Mines and Metallurgy

"Some comparisons between iron ore, nodules and sinter as blast furnace feed" (with Gust Bitsianes). Proceedings of the Blast Furnace and Raw Materials Conference, 4:70-86. 1944.

GUST BITSIANES, B.Ch.E., Instructor in Metallurgy


MINING AND PETROLEUM ENGINEERING

EDWIN M. LAMBERT, M.E., Professor of Mining Engineering

WALTER H. PARKER, E.M., Professor of Mining


MINES EXPERIMENT STATION

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HENRY H. WAD, E.M., Metallurgist, Mines Experiment Station


DEPARTMENT OF AGRICULTURE

ADMINISTRATION

CLYDE H. BAILEY, Ph.D., Dean and Director of the Department of Agriculture and Professor of Agricultural Biochemistry

"The flour enrichment programme in the United States"


Reviews of

H. C. Jacob, Six Thousand Years of Bread in American Historical Review, 50:304-305. 1945.

Food forecasts for 1945, pp. 3-5 in "Fourth Annual Institute in Restaurant Management, May 8 and 9, 1944." University of Minnesota Center for Continuation Study. Mimeographed.

HENRY SCHMITZ, Ph.D., Dean of the College of Agriculture, Forestry, and Home Economics, Professor of Forestry, and Chief of the Division of Forestry


Plant Life and Its Economic Utilization (with A. N. Wilcox). (Revised Edition.) Minneapolis: University of Minnesota, General College. 1945. 135 mimeographed pages. (Syllabus.)

ANDREW BOSZ, D.Sc., Professor Emeritus of Agriculture and Farm Management

Editor, Farm Crops, The Farmer, 1944-45.
AGRICULTURAL BIOCHEMISTRY

ROSS A. GARTNER, Ph.D., D.Sc. (deceased), Professor of Agricultural Biochemistry and Chief of the Division of Agricultural Biochemistry


WILLIAM F. GIDDENS, Ph.D., Professor of Agricultural Biochemistry and Acting Chief of the Division of Agricultural Biochemistry


"Gelatinization studies upon wheat and other starches with the amylograph" (with C. A. Anker). Cereal Chemistry, 21:335-60. 1944.


DAVID R. BRIGGS, Ph.D., Professor of Agricultural Biochemistry


LEROY S. PALMER, Ph.D. (deceased), Professor of Agricultural Biochemistry


W. MARTIN SANDSTROM, Ph.D., Professor of Agricultural Biochemistry


CORNELIA KENNEDY, Ph.D., Associate Professor of Agricultural Biochemistry


ROBERT JENNESS, Ph.D., Assistant Professor of Agricultural Biochemistry

Packing Dry Whole Milk in Inert Gas (with S. T. Coulter). University of Minnesota Agricultural Experiment Station Technical Bulletin No. 367. 1945. 32 pages.

The vitamin A potency of creamery butter produced in Minnesota" (with L. S. Palmer). Ibid., 28:403-08, 1945.

"Minnesota butter is rich in Vitamin A" (with L. S. Palmer). Minnesota Farm and Home Science, Vol. 2, No. 2, pp. 11-12, 1945.


FLOYD C. OLSON, Ph.D., Assistant Professor of Agricultural Biochemistry


AGRICULTURAL ECONOMICS

OSCAR B. JESNESS, Ph.D., Professor of Agricultural Economics and Chief of the Division of Agricultural Economics

Postwar Agricultural Prospects. University of Minnesota Agricultural Experiment Station Postwar Agriculture in Minnesota Bulletin. 1944. 24 pages.


"Will the United States feed the world?" Pennsylvania Farmer, Vol. 130, No. 9, p. 4, 1944.

"Foreign trade in the postwar world." Iowa Farm Economist, Vol. 10, No. 7, pp. 8-9, 1944.


"Postwar outlook for the corn belt." Ibid., Vol. 9, No. 1, pp. 5-9. 1945.

"Postwar agricultural price policy." Farm Business Notes, No. 263, pp. 1-2, November, 1944.


Reviews of


AUSTIN A. DOWELL, Ph.D., Professor of Agricultural Economics

Transporting Livestock in the Corn Belt Region (with K. Bjorka and others). University of Missouri Agricultural Experiment Station Bulletin No. 479. 1944, 56 pages.

Trends in Prices of Purebred Cattle. University of Minnesota Agricultural Experiment Station Bulletin No. 180. 1944. 16 pages.


"Purebred beef, dairy cattle price trends in two wars." Ibid., Vol. 12, No. 13, p. 6, May 11, 1944.


"Within-year differences in purebred cattle prices." Ibid., Vol. 12, No. 17, p. 6, June 8, 1944.

"Net farm income exerts pressure on prices of purebred beef and dairy cattle." Ibid., Vol. 12, No. 19, p. 5, June 22, 1944.

"What will the future be for prices of purebred cattle?" Ibid., Vol. 12, No. 21, p. 4, July 6, 1944.

"Dangers of purebred cattle boom cited." Ibid., Vol. 12, No. 22, p. 4, July 13, 1944.


"Warding against boom boomerang." Ibid., Vol. 63, No. 15, pp. 948, 980-81, August 5, 1944.

"Price trends of purebred beef and dairy cattle during two wars." Farm Business Notes, No. 257, p. 3. May 23, 1944.
"Price prospects for purebred beef and dairy cattle." Ibid., Vol. 66, No. 4, pp. 312-14, 319-20, 322. August 15, 1944.
"Variation in prices of purebred beef and dairy cattle during the year." Ibid., Vol. 41, No. 17, p. 1222. September 2, 1944.
"Purebred cattle prices rise sharply." For all daily and weekly newspapers in Minnesota, September 22, 1944.

GEORGE A. POND, PH.D., Professor of Agricultural Economics
Managing Sheep for Greater Returns (with T. R. Nodland). University of Minnesota Agricultural Experiment Station Bulletin No. 379. 1944. 23 pages.
"Purebred cattle prices rise sharply." For all daily and weekly newspapers in Minnesota, September 22, 1944.

PUBLICATIONS OF THE FACULTIES

"Price prospects for purebred beef and dairy cattle." Ibid., Vol. 66, No. 4, pp. 312-14, 319-20, 322. August 15, 1944.
"Variation in prices of purebred beef and dairy cattle during the year." Ibid., Vol. 41, No. 17, p. 1222. September 2, 1944.
"Purebred cattle prices rise sharply." For all daily and weekly newspapers in Minnesota, September 22, 1944.

GEORGE A. POND, PH.D., Professor of Agricultural Economics
Managing Sheep for Greater Returns (with T. R. Nodland). University of Minnesota Agricultural Experiment Station Bulletin No. 379. 1944. 23 pages.
"How consistent are farmers' earnings from year to year?" Ibid., No. 263, pp. 2-3. November, 1944.
WARREN E. FRED KOHLER, Ph.D., Associate Professor of Agricultural Economics


"Marketing margins on Minnesota farm products" (with R. W. Cox). Farm Business Notes, No. 262, p. 3, October, 1944.

"Farm income in Minnesota." Ibid., No. 264, pp. 1-2, December, 1944.

"Farm price supports." Ibid., No. 268, pp. 1-2, April, 1945.


Editor, Journal of Farm Economics.

E. FRED KOHLER, Ph.D., Associate Professor of Agricultural Economics


"Dry milk expansion in Minnesota." Farm Business Notes, No. 259, p. 3, July, 1944.

"War and postwar financing of cooperatives." Ibid., No. 261, pp. 1-2, September, 1944.

"Postwar replacement of cooperative facilities." Ibid., No. 263, p. 3, November, 1944.


Editor, Book Reviews Section, Journal of Farm Economics. 1944-45.


Rex W. Cox, Ph.D., Assistant Professor of Agricultural Economics

"Consumption of fats and oils in food products." Farm Business Notes, No. 261, p. 3, September, 1944.

"Marketing margins on Minnesota farm products" (with W. C. Waite). Ibid., No. 262, p. 3, October, 1944.

"Margins between farm price and retail price of eggs." Ibid., No. 267, p. 4, March, 1945.

"The lard situation." Ibid., No. 268, pp. 2-3, April, 1945.

"Minnesota farm prices for 1944-45" (with W. C. Waite). Ibid., Nos. 259-70. 1944-45. 1 page each month.

Selmer A. Engene, Ph.D., Assistant Professor of Agricultural Economics

"The feed situation." Farm Business Notes, No. 269, pp. 1-2, August, 1944.

"Saving labor in milking." Ibid., No. 262, pp. 1-2, October, 1944.

"Saving steps in dairy feeding" (with V. G. Dose). Ibid., No. 266, pp. 2-3, February, 1945.


"What can I pay for a dairy farm?" Ibid., No. 270, pp. 1-2, June, 1945.


Time Required for Milking and for All Dairy Chores on Seven Machine Milked Herds. University of Minnesota Division of Agricultural Economics Farm Work Simplification Report No. 1, September, 1944. 7 ditto pages.

TRUMAN R. NODLAND, Ph.D., Instructor in Agricultural Economics

Knorr Your Farm Business. University of Minnesota Agricultural Extension Pamphlet No. 138. 1944. 6 pages.


Know Your Farm Business. University of Minnesota Agricultural Extension Pamphlet No. 138. 1944. 6 pages.


"Farmers increase their net worth in 1943." Ibid., No. 260, pp. 2-3. August, 1944.


Feed Costs and Returns from Feeder Cattle and Feeder Sheep, 1940-1943 (with G. A. Pond). University of Minnesota Division of Agricultural Economics Report No. 149. November, 1944. 16 mimeographed pages.


George E. Toben, M.S., Instructor in Agricultural Economics

Suggestions for Preparing the Farmers' Income Tax Return for 1944 from Records Kept in the Minnesota Farm Account Book. University of Minnesota Division of Agricultural Economics, November, 1944. 4 pages.

"Proportion of feed utilized by different classes of livestock." Farm Business Notes, No. 260, p. 3. August, 1944.


"Changes in crop yields and crop selection when farm accounts are kept." Ibid., No. 264, pp. 2-3. December, 1944.


"Special income tax ruling on livestock sales." Ibid., No. 267, p. 3. March, 1945.


A Comparison of the Cash and Accrual Basis. Ibid., pp. 43-46. October, 1944.

Victor G. Dose, B.S., Field Agent in Agricultural Economics


AGRICULTURAL ENGINEERING

Arthur J. Schwantes, M.S. (A.E.), Professor of Agricultural Engineering and Chief of the Division of Agricultural Engineering


Pea Sheller (with J. Strait). University of Minnesota Agricultural Extension Service Plan Sheet M-112. 1944. 1 page.


HARRY B. ROE, C.E., Professor Emeritus of Agricultural Engineering


ANDREW HUSTULID, Ph.D., Associate Professor of Agricultural Engineering


PHILIP W. MANSON, M.S.(A.E.), Associate Professor of Agricultural Engineering


CLARENCE H. CHRISTOPHERSON, M.A., Assistant Professor of Agricultural Engineering


CHARLES G. SNYDER, M.S.(A.E.), Assistant Professor of Agricultural Engineering

“Additional arguments for modification of the rational formula for runoff from small agricultural areas.” Pt. 1, pp. 45-57 in Transactions of 1944 of the American Geophysical Union. 1944.

JOSEPH K. PARK, M.S.(A.E.), Instructor in Agricultural Engineering


JOHN STRAIT, B.S.(M.E.), Instructor in Agricultural Engineering


AGRICULTURAL EXTENSION

ARTHUR J. KITTLESON, Associate Professor of Agricultural Extension and State Leader 4-H Clubs


PUBLICATIONS OF THE FACULTIES 33

PAUL M. BURSON, M.S., Associate Professor of Agricultural Extension and Extension Specialist in Soils

Commercial Fertilizers for Minnesota, 1944-45 (with C. O. Rost). (Revised.) University of Minnesota Agricultural Extension Pamphlet No. 118. 1945. 6 pages.


PAUL C. JOHNSON, B.A., Associate Professor of Agricultural Extension and Extension Editor


“Give pastures a chance.” Successful Farming, Vol. 43, No. 4, p. 123. 1945.

Edible column of farm information paragraphs, “Timely Tips by University Farm Staff.” Farmer, 1944-45.

Co-editor (with Charlotte Kirchner). Neighborhood Leader Letter. Distributed to Minnesota extension neighborhood leaders. 1944-45.

Editor, Extension Digest (with Josephine Bjornson). Issued twice a month to general mailing list. 2 mimeographed pages. 1944-45.

HAROLD R. SEARLES, B.S., Associate Professor of Agricultural Extension and Extension Dairyman

Make Your Hay by This Yardstick. University of Minnesota Agricultural Extension Pamphlet No. 136. 1944. 6 pages.

Produce More Milk. University of Minnesota Agricultural Extension Pamphlet No. 137. 1944. 6 pages.

Editor, Dairy Department, Farmer. 1944-45.

GLENN I. PRICKETT, B.A., Assistant Professor of Agricultural Extension and Assistant State Leader 4-H Clubs


“4-H clubs.” Minnesota Horticulturist, 73:77. 1945.

Co-editor (with Kathleen Flom), 4-H Club News Letter. Issued monthly. 1944-45. 4 mimeographed pages.

“Education for peaceful living.” Prepared for 4-H club and rural youth members in radio public speaking contest. 1945. 9 mimeographed pages.

MYRON L. ARMOUR, B.S., Assistant Professor of Agricultural Extension and Extension Agronomist

Your Flax Crop. University of Minnesota Agricultural Extension Folder No. 128. 1945. 8 pages.

WILLIAM A. BILLINGS, D.V.M., Assistant Professor of Agricultural Extension and Extension Veterinarian


Turkey News Letter. Issued monthly. 1944-45. 2 multigraphed pages.

RALPH F. CRIM, B.S., Assistant Professor of Agricultural Extension and Extension Agronomist


Editor, Minnesota Seed Grower. Issued bimonthly. 1944-45.
UNIVERSITY OF MINNESOTA

WILLIAM H. DANKERS, Ph.D., Assistant Professor of Agricultural Extension and Extension Economist in Marketing


Some Legal Requirements for Cooperative Associations. University of Minnesota Agricultural Extension Bulletin No. 245. 1945. 31 pages.

"The egg situation." Farm Business Notes, No. 266, p. 3. February, 1945.

CHARLOTTE KIRCHNER, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Rural Organization

Co-editor (with P. C. Johnson), Neighborhood Leader Letter. Distributed to Minnesota extension neighborhood leaders. 1944-45

RAMER D. LEIGHTON, B.S., Assistant Professor of Agricultural Extension and Extension Dairyman

Dairy Herd Improvement News Letter. Issued bimonthly. 1944-45. 2 to 3 mimeographed pages.

JAMES B. McNULTY, M.A., Assistant Professor of Agricultural Extension and Extension Economist in Farm Management


MARY M. MILLER, M.S., Assistant Professor of Agricultural Extension and Extension Economist in Home Management

Home Furnishing Helps (with Margaret L. Fobes). University of Minnesota Agricultural Extension 4-H Bulletin No. 33. 1944. 8 pages.

First Aid to the Home. University of Minnesota Agricultural Extension Home Demonstration Leaflet No. 5. 1944. 8 pages.

Physical Fitness. University of Minnesota Agricultural Extension Home Demonstration Leaflet No. 6. 1944. 6 pages.

Managing the Home with Ease and Satisfaction. University of Minnesota Agricultural Extension Home Demonstration Leaflet No. 7. 1944. 6 pages.

WILLIAM E. MORRIS, M.S., Assistant Professor of Agricultural Extension and Extension Animal Husbandman

4-H Beef Project (with N. J. Goodwin). (Revised.) University of Minnesota Agricultural Extension 4-H Bulletin No. 3. 1944. 16 pages.

4-H Sheep Project (with N. J. Goodwin). (Revised.) University of Minnesota Agricultural Extension 4-H Bulletin No. 11. 1944. 8 pages.


HENRY A. PFLUGHOEFT, M.S., Assistant Professor of Agricultural Extension and District Club Agent


HENRY G. ZAVORAL, B.S., Assistant Professor of Agricultural Extension and Extension Animal Husbandman


"Practice sow testing." Berkshire News, Vol. 9, No. 7, p. 3. 1944.


"Does ration affect litter?" Chester White Journal, Vol. 34, No. 11, p. 3. 1944.

THORA V. EGLAND, B.S., Instructor in Agricultural Extension and State Club Agent

PUBLICATIONS OF THE FACULTIES

KATHLEEN S. FLOM, B.S., Instructor in Agricultural Extension and State Rural Youth Agent


Co-editor (with G. I. Prickett), 4-H Club News Letter. Issued monthly. 1944-45. 4 mimeographed pages.

MARGARET L. FOBES, B.S., Instructor in Agricultural Extension and State Club Agent

Clothing Construction Helps (with Ethel R. Gorham, Eleanor Y. Loomis, and Alice Linn). (Revised.) University of Minnesota Agricultural Extension 4-H Bulletin No. 31. 1944. 8 pages.

Home Furnishing Helps (with Mary May Miller). University of Minnesota Agricultural Extension 4-H Bulletin No. 33. 1944. 8 pages.

NORMAN J. GOODWIN, B.S., Instructor in Agricultural Extension and State Club Agent

4-H Beef Project (with W. E. Morris). (Revised.) University of Minnesota Agricultural Extension 4-H Bulletin No. 3. 1944. 16 pages.

4-H Sheep Project (with W. E. Morris). (Revised.) University of Minnesota Agricultural Extension 4-H Bulletin No. 11. 1944. 8 pages.

ELEANOR Y. LOOMIS, B.S., Instructor in Agricultural Extension and State Club Agent

Clothing Construction Helps (with Ethel R. Gorham and Margaret Fobes). (Revised.) University of Minnesota Agricultural Extension 4-H Bulletin No. 31. 1944. 8 pages.

Table Service. University of Minnesota Agricultural Extension 4-H Bulletin No. 34. 1945. 4 pages.

ELMER H. ZIEGENHAGEN, M.S., Instructor in Agricultural Extension and Extension Specialist in Information


"Can't pull the wool over their eyes." Furrow, 50:7. May-June, 1945.

ARCHIE D. WILSON, B.S., Agricultural Extension Specialist in Land Use


HANS P. HANSON, M.S., Assistant State Supervisor, Emergency Farm Labor Program


AGRICULTURAL SUBSTATIONS

CROOKSTON

THOMAS M. McCall, M.S., Professor and Superintendent of the Northwest School and Experiment Station

Fertilizers for Potatoes in the Red River Valley (with C. O. Root and H. W. Kramer). University of Minnesota Agricultural Experiment Station Bulletin No. 385. 1945. 16 pages.

Editor, Northwest School News, 1944-45.


Contributor of weekly news items to seventy northwestern Minnesota newspapers on the work of the Northwest School and Experiment Station, 1944-45.
RAYMOND S. DUNHAM, M.S., Assistant Professor of Agronomy


"Early and late seeding." Ibid., Vol. 29, No. 4, p. 2. 1945.

"New varieties and their distribution." Ibid., Vol. 29, No. 4, p. 3. 1945.


ORVILLE M. KISER, M.S., Assistant Professor of Animal Husbandry


REGINA BEESE, B.S., Instructor in Home Economics and Preceptress


MARGARET E. LARSEN, B.A., Instructor in English


HERSCHEL H. LYSAKER, B.A., Instructor and Director of Athletics


ALVIN O. NAPLIN, B.A., Instructor and Home Project Supervisor

Regular contributor to Northwest School Project News, July-September, 1944.

ALVEY M. PILKEY, Instructor in Poultry Husbandry

Regular contributor to Northwest School Project News, July-September, 1944; April-June, 1945.

ERWIN N. REIERSGORD, M.S., Instructor and Registrar


HARRY W. SODERBURG, M.A., Instructor in Agricultural Engineering

Regular contributor to Northwest School Project News, July-September, 1944; April-June, 1945.

Orrin C. Turnquist, M.S., Instructor and Horticulturist


HARRIS

MARK J. THOMPSON, M.S., Associate Professor of Agricultural Engineering and Superintendent of the Northeast Experiment Station


FRED E. HARALSON, Assistant Superintendent of Fruit Breeding Farm


PUBLICATIONS OF THE FACULTIES

GRAND RAPIDS

DONALD L. DAILEY, B.S., Associate Professor and Superintendent of the North Central School and Experiment Station

Editor, North Central Quarterly. 1944-45.


CLEMONT H. GRIFFITH, M.Ph., Assistant Professor of Agronomy

"Replanting." North Central Quarterly, Vol. 18, No. 4, p. 3. June, 1944.

"Legume seed." Ibid., Vol. 18, No. 4, p. 3. June, 1944.

"Late blight of potatoes." Ibid., Vol. 18, No. 4, p. 4. June, 1944.

"Cutting hay." Ibid., Vol. 18, No. 4, p. 6. June, 1944.

"Improving permanent pastures." Ibid., Vol. 18, No. 4, p. 7. June, 1944.

"Tuber uniting to maintain potato seed." Ibid., Vol. 19, No. 1, p. 5. September, 1944.


"Recommended grain varieties." Ibid., Vol. 19, No. 2, p. 4. December, 1944.


ALFRED L. RICHTER, M.S., Instructor in Horticulture


MORRIS

THEODORE H. FENSKE, M.S., Professor and Superintendent of the West Central School and Experiment Station

Occasional news articles covering work of West Central School and Experiment Station to one hundred thirty-five papers in West Central Minnesota.

Monthly travel articles in Projector of W.C.S.A. April through September, 1944.

Editor, West Central School News, 1944-45.

ROY O. BRIDGFORD, M.S., Assistant Professor of Farm Crops and Soils


"The weather of 1944." Morris Tribune and Morris Sun, December 31, 1944.

Monthly articles on farm crops and soils in Projector of W.C.S.A. April through September, 1944.

ALLEN W. EDSON, M.S., Assistant Professor of Horticulture

Monthly articles on gardening, home beautification, windbreaks and potato growing in Projector of W.C.S.A. April through September, 1944.

PALMER H. GOULSON, B.S., Assistant Professor of Agricultural Engineering

Editor, Projector of W.C.S.A. April through September, 1944.

ALBERT C. HEINE, Assistant Professor of Physics, Farm Mechanics and Electricity, and Athletic Coach

Monthly articles on engineering in Projector of W.C.S.A. April through September, 1944.

PHILIP S. JORDAN, B.S., Assistant Professor of Animal Husbandry


Monthly articles on animal husbandry in Projector of W.C.S.A. April through September, 1944.

CLARENCE J. HEMMING, M.S., Instructor in Farm Accounts and Agriculture

"Winterize the flock." West Central School News, Vol. 27, No. 5. September, 1944.

Monthly articles on poultry management, farm accounts and personal accounts in Projector of W.C.S.A. April through September, 1944.
AGNES L. HOWES, B.S., Instructor in English and History

"Note for a diary." Kaleidosgraph. Dallas, Texas. 1945.

WASECA

ROBERT E. HODGSON, M.S., Associate Professor and Superintendent of Southeast Experiment Station


52 Articles for rural weeklies distributed through the Division of Publications. Used by approximately 100 newspapers and magazines. 1944-45.


AGRONOMY AND PLANT GENETICS

HERBERT K. HAYES, D.Sc., Professor and Chief of the Division of Agronomy and Plant Genetics


"The development of cooperation in agricultural research." National Reconstruction, 5:90-98. 1944.


FORREST R. IMMER, Ph.D., Professor of Plant Genetics and Associate Director of the Agricultural Experiment Station


HAROLD K. WILSON, Ph.D., Professor of Agronomy


"Recent developments in weed control." Minnesota Seed Grower, Vol. 17, No. 4, p. 3. 1944.


ALBERT C. ARNY, M.S., Associate Professor of Agronomy


"Alfalfa and grass percentage determinations with the inclined point quadrat apparatus at different stages of development of the mixtures." (Abstract.) Journal of the American Society of Agronomy, 36:996-98. 1944.
PUBLICATIONS OF THE FACULTIES

ERNEST H. RINKE, Ph.D., Assistant Professor of Plant Genetics


HORACE L. THOMAS, Ph.D., Assistant Professor of Agronomy


MERLE T. HENDERSON, Ph.D., Instructor in Plant Genetics


YIEN S. TSING, Ph.D., Instructor in Plant Genetics


ANIMAL AND POULTRY HUSBANDRY

WALTER H. PETERS, M.Agr., Professor of Animal Husbandry and Chief of the Division of Animal and Poultry Husbandry


Editor, Livestock Department, Farmer. 1944-45.


Evan F. Ferrin, M.Agr., Professor of Animal Husbandry


"Adjusting the protein supply to the needs of pigs." Ibid., Vol. 31, No. 10, pp. 46, 47. 1944.


"Raising pigs without skim milk." Hormel Farmer, Vol. 8, No. 6, p. 2. 1945.


HUBERT J. SLOAN, Ph.D., Professor of Poultry Husbandry


Associate editor, Poultry Science, 1944-45.

Abstracts in Poultry Supply Dealer, monthly, 1944-45.
LAURENCE M. WINTERS, Ph.D., Professor of Animal Husbandry


THOMAS H. CANFIELD, Jr., M.S., Associate Professor of Poultry Husbandry

*A Technique for the Sex Determination of Chicks*. University of Minnesota Agricultural Experiment Station Miscellaneous Report No. 3. 1944. 8 pages.


WILLARD W. GREEN, Ph.D., Associate Professor of Animal Husbandry


ALFRED L. HARVEY, Ph.D., Associate Professor of Animal Husbandry


HAMilton A. StEwart, Ph.D., Assistant Professor of Animal Husbandry


ROBERT N. SHOFFNER, M.S., Instructor in Poultry Husbandry


DAIRY HUSBANDRY

James B. Fitch, M.S., Professor of Dairy Husbandry and Chief of the Division of Dairy Husbandry

PUBLICATIONS OF THE FACULTIES

Wilkes B. Combs, M.A., Professor of Dairy Husbandry


Samuel T. Coulter, Ph.D., Professor of Dairy Husbandry

Packing Dry Whole Milk in Inert Gas (with Robert Jenness). University of Minnesota Agricultural Experiment Station Technical Bulletin No. 167. 1945. 32 pages.


Editor, Buttermaking Problems Department, American Butter Review. 1944-45.

Abstracts of


Dehydrated Milk and Milk Products, Use of Antioxidants. Ibid., 27:697. 1944.


William E. Petersen, Ph.D., Professor of Dairy Husbandry


"The effect of the level of negative pressure on the rate of milking" (with V. R. Smith). Ibid., 27:637-38. 1944.


"The relative concentrations of dam and fetal liver glycogen" (with C. B. Knodt). Ibid., 27: 953-55. 1944.


"Negative pressure and nursing by calves" (with V. R. Smith). Ibid., 28:431-33. 1945.


Thor W. Gullickson, Ph.D., Assistant Professor of Dairy Husbandry


REINOLD W. KUNKEL, M.S., Instructor in Dairy Husbandry

"The alkalinity of milk ash and its relation to the detection of neutralizers in dry milk"


ENTOMOLOGY AND ECONOMIC ZOOLOGY

CLARENCE E. MICKEL, Ph.D., Professor of Entomology and Chief of the Division of Entomology and Economic Zoology

"Three new species of Mutillidae from Peru and Bolivia (Hymenoptera)." Annals of the Entomological Society of America, 38:38-44. 1945.

ALEXANDER A. GRANOVSKY, Ph.D., Professor of Entomology and Economic Zoology

"Saving garden crops from insect injury." Minnesota Horticulturist, Vol. 72, No. 5, pp. 70-71. 1944.

"Midsummer insect pests of the vegetable gardens." Ibid., Vol. 72, No. 6, pp. 87-88, 91-92. 1944.

"DDT as a horticultural insecticide." Ibid., Vol. 73, No. 4, pp. 52-55, 55. 1945.


WILLIAM A. RILEY, Ph.D., D.Sc., Professor Emeritus of Entomology and Economic Zoology


Maurice Cole Tanquary." (Obituary.) Science, 100:539-40. 1944.

Editor, Medical Entomology, Journal of Parasitology. 1944-45.

ARTHUR G. RUGGLES, M.A., Professor Emeritus of Entomology and Economic Zoology

"Minnesota notes on beekeeping." Minnesota Horticulturist, Vol. 72, No. 4, pp. 61-62, No. 5, p. 77, No. 6, pp. 94-95, No. 7, p. 110, No. 9, pp. 129-40. 1944.

MAURICE C. TANQUARY, Ph.D., (deceased), Professor of Apiculture

"Beeskeeping news." Gleanings in Bee Culture, 72:274-75. 1944.

MYKOLA H. HAYDAK, Ph.D., Associate Professor of Entomology and Economic Zoology

Pollen Substitutes. University of Minnesota Agricultural Extension Folder No. 130. 1945. 6 pages.


Directions for Preparing and Using Pollen Substitutes. St. Paul: University of Minnesota Mimeograph Department. 1944. 3 pages.


ALEXANDER C. HUDSON, Ph.D., Associate Professor of Entomology and Economic Zoology

Minnesota Forest Insect and Disease Survey for 1943 (with C. M. Christensen). St. Paul: Department of Conservation, Division of Forestry. 1944. 10 pages.


GUSTAV SWANSON, Ph.D., Associate Professor of Entomology and Economic Zoology

TORFINE L. AAMODT, B.S., Assistant Professor of Entomology and Economic Zoology

RICHARD H. DAGGY, Ph.D., Teaching Assistant in Entomology and Economic Zoology

LESLIE B. DANIELS, M.S., Teaching Assistant in Entomology and Economic Zoology

HERBERT C. KNUTSON, Ph.D., Research Assistant in Entomology and Economic Zoology
Minnesota Phalaenidae (Noctuidae). University of Minnesota Agricultural Experiment Station Technical Bulletin No. 165. 1944. 128 pages.

ARNOLD B. ERICKSON, Ph.D., Research Associate in Entomology and Economic Zoology

Quarterly Progress Reports to State Game and Fish Division on Cooperative Parasitological Investigations. 1944-45. 4 issues. 14 pages.

"Helminths of Minnesota Canidae in relation to food habits, and a host list and key to the species reported from North America." American Midland Naturalist, 32:358-72. 1944.


"Winter bird counts." Flicker, 16:26-29. 1944.


Edward G. Cheyne, B.A., Professor of Forestry

UNIVERSITY OF MINNESOTA

FRANK H. KAUFERT, Ph.D., Associate Professor of Forestry

Increasing the Durability of Casein Glue Joints with Preservatives. Forest Products Laboratory Publication No. 1332. 1944. 44 pages.


THORVALD SCHANTZ-HANSON, Ph.D., Associate Professor of Forestry and Director of the Lake Itasca Forestry and Biological Station


LOUIS W. REES, Ph.D., Assistant Professor of Forestry


HOME ECONOMICS

ALICE BIESTER, M.A., Professor of Home Economics


HARRIET GOLDSTEIN, Professor of Home Economics


EVA G. DONELSON, Ph.D., Associate Professor of Home Economics


“Eating is a most important business.” Minnesota Farm and Home Science, Vol. 2, No. 1, pp. 5-6. 1944.


ISABEL T. NOBLE, Ph.D., Associate Professor of Home Economics


“Effect of storage temperature and time upon quality of pork preserved by freezing” (with F. Hardy). Ibid., 10:165-75. 1945.


The Effect of Roasting to Different Interior Temperatures Upon the Thiamine Content of Leg of Lamb (with J. Spear and F. Turnbull). National Cooperative Project Conservation of Nutritive Value of Foods Progress Notes. October, 1944. 3 mimeographed pages.


ETHEL L. PHELPS, M.S., Associate Professor of Home Economics

ETHEL R. GRAMBOW, M.A., Instructor in Home Economics

DOLORE GRAMBOW, B.S., Junior Home Economist


Loana M. Norris, B.S., Junior Home Economist

M. Joyce Spear, B.S., Research Assistant in Home Economics

The Effect of Roasting to Different Interior Temperatures Upon the Thiamine Content of Leg of Lamb (with I. Noble and F. Turnbull). National Cooperative Project Conservation of Nutritive Value of Foods Progress Notes. October, 1944. 3 mimeographed pages.


Florence Turnbull, B.S., Research Assistant in Home Economics

The Effect of Roasting to Different Interior Temperatures Upon the Thiamine Content of Leg of Lamb (with I. Noble and J. Spear). National Cooperative Project Conservation of Nutritive Value of Foods Progress Notes. October, 1944. 6 mimeographed pages.


HORTICULTURE

William H. Alderman, B.S.A., Professor of Horticulture and Chief of the Division of Horticulture
"Fertilizers for orchards." Minnesota Horticulturist, 73:76-77. 1945.
Wilfrid G. Brierley, Ph.D., Professor of Horticulture

"Twelve hundred bushels per acre." *Minnesota Fruit Grower*, 11:3, 16-17. 1944.


Fred A. Krantz, Ph.D., Professor of Horticulture


Abstracts of


Troy M. Currence, Ph.D., Associate Professor of Horticulture


Troy M. Currence, Ph.D., Associate Professor of Horticulture


Arthur N. Wilcox, Ph.D., Associate Professor of Horticulture

"Minnesota horticulturists"


*Plant Life and Its Economic Utilization* (with H. Schmitz). (Revised edition.) Minneapolis: University of Minnesota General College. 1945. 135 pages. (Syllabus.)

Arthur E. Hutchins, Ph.D., Assistant Professor of Horticulture

*Victory Garden* (with E. M. Hunt). (Revised.) University of Minnesota Agricultural Extension Pamphlet No. 122. 1945. 8 pages.


PUBLICATIONS OF THE FACULTIES

LEWIS E. LONGLEY, Ph.D., Assistant Professor of Horticulture


Editor (with J. D. Winter and A. E. Hutchins), Questions and Answers Department, *Minnesota Horticulturist*. 1944-45.

Garden Chrysanthemums. (Revised.) 1945. 5 mimeographed pages.

List of Roses from Various Standpoints of Hardiness in Minnesota (with R. S. Wilcox). (Revised.) 1945. 4 mimeographed pages.

Mimeographed syllabus for popular distribution and short course use. 1945. 8 pages.

THEODORE S. WEIR, M.S., Assistant Professor of Horticulture

*Pruning the Apple Tree*, University of Minnesota Agricultural Extension Folder No. 129. 1945. 6 pages. (Illustrated.)


JAMES D. WINTER, M.S., Assistant Professor of Horticulture

Freezing Foods for Home Use (with A. Hustrulid). (Revised.) University of Minnesota Agricultural Extension Bulletin No. 244. 1944. 24 pages.


Editor


Mimeographed syllabus for popular distribution and short course use. 1944-45. 28 pages.

ROBERT E. NYLUND, Ph.D., Instructor in Horticulture


Results of Fertilizer Tests in 1944. 1944. 1 mimeographed page.

ALLAN A. VIRTA, B.S., Research Assistant in Horticulture


PLANT PATHOLOGY

ELVIN C. STAKMAN, Ph.D., Professor of Plant Pathology and Chief of the Division of Plant Pathology and Botany


**Jonas J. Christensen, Ph.D., Professor of Plant Pathology**


**Rodney B. Harvey, Ph.D., D.Sc., Professor of Plant Physiology, Botany, and Horticulture**


**Carl J. Eide, Ph.D., Associate Professor of Plant Pathology**


**Helen Hart, Ph.D., Associate Professor of Plant Pathology**


**Clyde M. Christensen, Ph.D., Assistant Professor of Plant Pathology**

*Minnesota Forest Insect and Disease Survey for 1943* (with A. C. Hodson). St. Paul: Department of Conservation, Division of Forestry, 1944. 10 pages.


**Louise T. Dossall, Ph.D., Assistant Professor of Plant Pathology and Botany**

“Rhizome treatments for controlling Botrytis crown rot in iris.” *Phytopathology*, 34:772-89. 1944.


**Alvin H. Larson, B.S., Assistant Professor of Plant Physiology and Botany**


**Ian W. Tervet, Ph.D., Assistant Professor of Plant Pathology**


ELLIS F. DARLEY, B.S., Junior Plant Pathologist and Research Assistant in Plant Pathology and Botany

"The culture designated Madison 517 identified as Polyporus tulipiferus" (with C. M. Christensen). Phytopathology, 35:3. 1945.

"Effect of nutrient levels and temperature on the development of Puccinia graminis tritici" (with H. Hart). (Abstract.) Ibid., 34:998. 1944.

PUBLICATIONS

HAROLD L. HARRIS, B.S., Bulletin Editor and Associate Professor of Rural Journalism


Articles in national farm magazines—Successful Farming, Country Gentleman, and Farm Journal.

Editor

Minnesota Farm and Home Science. 1944-45.

All regular series publications of the Agricultural Experiment Station and Agricultural Extension Service, comprising about 70 different bulletins, reports, folders, pamphlets, etc. (with K. B. Webb). 1944-45.

Managing editor


JOSEPHINE P. BJORNSON, M.A., Publicity Assistant


"Dry surplus green beans for baking." Agricultural Leaders' Digest, 26:55. 1945.

Editor, Extension Digest (with P. C. Johnson). Issued twice a month to general mailing list. 2 mimeographed pages.

KATHLEEN B. WEBB, B.S., Assistant Editor

Assistant editor all regular series publications of the Agricultural Experiment Station and Agricultural Extension Service, comprising about 70 different bulletins, reports, folders, pamphlets, etc. (with H. L. Harris). 1944-45.

Acting assistant editor


RHE TORIC

RALPH G. NICHOLS, M.A., Associate Professor of Rhetoric and Chief of the Division of Rhetoric


"Is teaching still a profession?" Mantorville Express, May 31, 1945.

DONALD WOODS, M.A., Instructor in Rhetoric


"Hints for high school Hepburns." Minneapolis Sunday Tribune, March 18, 1945.

"Want to be a Happy Hooligan?" Ibid., May 28, 1945.

RURAL SOCIOLOGY

LOWRY NELSON, Ph.D., Professor of Sociology

Education of the Farm Population in Minnesota. University of Minnesota Agricultural Experiment Station Bulletin No. 377. 1944. 16 pages.

Minnesota's Farm Population Prospects. University of Minnesota Agricultural Experiment Station Postwar Agriculture in Minnesota Bulletin. 1944. 24 pages.

Reviews of:
"Social security is held vital to agriculture." Utah Farmer, November 10, 1944.
"When you sell out." Wallace's Farmer and Iowa Homestead, November 18, 1944.

SCHOOL OF AGRICULTURE

JOHN O. CHRISTIANSON, B.A., D.Sc., Professor and Superintendent of School of Agriculture, University Farm, and Director of Agricultural Short Courses

The Rural Builders Course. Pamphlet of the School of Agriculture, 1944. 6 pages.
If I'd Only Had a Chance. Pamphlet of the School of Agriculture. 1944. 4 pages.
A Training School for Rural Youth. Pamphlet of the School of Agriculture. 1944-45. 6 pages.
"Patient, kindly, capable Mr. Boland." Ibid. 1945.
"Good citizenship, here and now, is the goal." Agrarian, Vol. 21, No. 1, p. 2. 1944.
"My wish for each of you is a Merry Christmas." Ibid., Vol. 21, No. 2, p. 1. 1944.
"May we all set our goals a wee bit higher." Ibid., Vol. 21, No. 3, p. 1. 1944.
"Make your cable of habits a life line." Ibid., Vol. 21, No. 4, p. 1. 1945.
"Here doors to opportunity stand open to all students." Ibid., Vol. 21, No. 5, p. 4. 1945.
"Real test of any education is the way in which it is applied to daily life." Ibid., Vol. 21, No. 6, p. 8. 1945.

IVAR A. GLEMMING, B.Mus., M.A., Instructor in Music

"Anthem," played by orchestra at Central Lutheran Church, Minneapolis, 1945.
"Adagio for Strings," performed by orchestras at Schmitt's Music Company, Minneapolis and at Minnesota Music Teachers Clinic. 1945.

JOHANNA HOGNASON, B.S., Instructor in Social Problems and Matron, Boys' Dormitories

Faculty adviser, Agrarian, 1944-45.

ELMER M. JOHNSON, B.S., Instructor in Social Sciences

Faculty adviser, Agrarian, 1945.

LAURA A. MATSON, M.A., Instructor in Social Training and Preceptress, Girls' Dormitories

Faculty adviser, Agrarian, 1945.

SOILS

CLAYTON O. ROST, Ph.D., Professor of Soils and Chief of the Division of Soils

Fertilizers for Potatoes in the Red River Valley (with H. W. Kramer and T. M. McCall). University of Minnesota Agricultural Experiment Station Bulletin No. 385. 1945. 16 pages.
Commercial Fertilizers for Minnesota, 1944-45 (with P. M. Burson). (Revised.) University of Minnesota Agricultural Extension Pamphlet No. 118. 1945. 6 pages.
"True soil conservation is many sided" (with P. M. Burson). Minnesota Farm and Home Science, Vol. 2, No. 2, pp. 6-8. 1945.
PUBLICATIONS OF THE FACULTIES

PAUL R. McMILLER, M.S., Associate Professor of Soils
Soils of Minnesota. University of Minnesota Agricultural Extension Folder No. 131. 1945. 6 pages.

ALFRED C. CALDWELL, Ph.D., Assistant Professor of Soils

JOHN M. MACGREGOR, Ph.D., Assistant Professor of Soils

LARaine E. Dunn, Ph.D., Research Fellow in Soils

HENRY W. KRAMER, Plot Supervisor in Soils
Fertilizers for Potatoes in the Red River Valley (with C. O. Rost and T. M. McCall). University of Minnesota Agricultural Experiment Station Bulletin No. 385. 1945. 16 pages.

VETERINARY MEDICINE

WILLARD L. BOYD, D.V.S., Professor of Veterinary Medicine and Chief of the Division of Veterinary Medicine
"Spinal compression in the bull" (with A. G. Karlson). Cornell Veterinarian, 34:559-60. October, 1944.

HOBARD C. H. KERNKAMP, D.V.M., M.S., Professor of Veterinary Medicine
UNIVERSITY OF MINNESOTA

MARTIN H. ROEPKE, Ph.D., Professor of Veterinary Medicine

REUEL FENSTERMACHER, D.V.M., Associate Professor of Veterinary Medicine
"Pullorum, parathyphoid in chicks, pouls" (with B. S. Pomeroy). Ibid., Vol. 2, No. 2, pp. 4-5. 1945.

BENJAMIN S. POMEROY, D.V.M., Ph.D., Assistant Professor of Veterinary Medicine

ALFRED G. KARLSON, D.V.M., Ph.D., Instructor in Veterinary Medicine

ALVIN F. SELLERS, D.V.M., M.S., Instructor in Veterinary Medicine

FRANCIS J. WEIRETHER, B.S., Research Fellow in Veterinary Medicine

WILLIAM G. ANDBERG, D.V.M., M.S., Assistant Veterinary in Veterinary Medicine
"Infertility in bulls" (with W. L. Boyd). Ibid., 34:370-75. October, 1944.

LAW SCHOOL

EVERETT FRASER, B.A., LL.B., Dean of the Law School

HENRY L. MCCLINTOCK, Ph.B., LL.B., S.J.D., Professor of Law
Reviews of
C. L. Sonnichsen, Law West of the Pecos. Ibid., 29:42-43. 1944.

B. Montanus, Polish-Soviet Relations in the Light of International Law. Ibid., 29:146. 1945.


MAYNARD E. PIRSIG, B.A., LL.B., Professor of Law


WILLIAM L. PROSSER, B.A., LL.B., Professor of Law

HENRY ROTTSCHAEFER, B.A., J.D., S.J.D., Professor of Law


Editor-in-chief, Minnesota Law Review. 1944-45.

MEDICAL SCHOOL
ADMINISTRATION

HAROLD S. DIEHL, M.D., M.A., D.Sc., Dean of the Medical Sciences and Professor of Preventive Medicine and Public Health


"Report of Committee on Hospitals and Medical Education" (Minnesota State Medical Association). Minnesota Medicine, Vol. 27, No. 9, pp. 752-53. 1944.


Foreword, "Heart Disease." Heart Hospital Booklet. 1945.

"To the staff of the University Hospitals." Staff Meeting Bulletin, Hospitals of the University of Minnesota, Vol. 16. October 13, 1945.


ANATOMY

EDWARD A. BOYDEN, Ph.D. (Med.Sc.), Professor of Anatomy and Chairman of the Department of Anatomy

"Initial rate of emptying of stomach in peptic ulcer patients as related to evacuation of the gall bladder" (with L. G. Rigler). Ibid., 91:296-97. 1945.
Managing editor, Anatomical Record since 1928.

HAL DOWNEY, Ph.D., Professor of Anatomy

ANDREW T. RASMUSSEN, Ph.D., Professor of Anatomy

LEMEN J. WELLS, Ph.D., Associate Professor of Anatomy
"Conjoined twins and a consideration of two opposing theories of twinning." Ibid., 91:305. 1945.
"Relation of adrenal gland and hypophysis to blood sugar levels following administration of alloxan" (with A. Kirshbaum and D. Molander). Proceedings of the Society for Experimental Biology and Medicine, 58:294-96. 1945.

Reviews of
Yale Journal of Biology and Medicine, Edgar Allen Memorial Number. Ibid., 91:261-62. 1945.

BERRY CAMPBELL, Ph.D., Assistant Professor of Anatomy
"The distribution of potential fields within the spinal cord." Anatomical Record, 91:77-88. 1945.

ARTHUR KIRSCHBAUM, Ph.D., M.D., Assistant Professor of Anatomy
"Recent studies on experimental mammalian leukemia." Yale Journal of Biology and Medicine, 17:163-87. 1944.
"Induction of leukemia in mice" (with H. S. Kaplan). Science, 100:360-61. 1944.
"Relation of adrenal gland and hypophysis to blood sugar levels following administration of alloxan" (with L. J. Wells and D. Molander). Ibid., 58:394-96. 1945.

Abstracts of

CLAYTON H. MORNINGSTAR, Ph.D., Instructor in Anatomy
Vernon S. Bolin, B.S., Teaching Assistant in Anatomy and Research Assistant in Bacteriology and Immunology


Glenn A. Drager, Ph.D., Teaching Assistant in Anatomy


Robert A. Good, B.A., Teaching Assistant in Anatomy


Grant L. Rumsen, Ph.D., Teaching Fellow in Anatomy

"A cellophane strip method especially adapted for the preparation and study of Marchi-treated serial sections." Anatomical Record, 89:331-38. 1944.

Bacteriology and Immunology

Winford P. Larson, M.D., Professor of Bacteriology and Head of the Department of Bacteriology and Immunology


Robert G. Green, M.A., M.D., Professor of Bacteriology and Immunology


H. Orin Halvorsen, Ch.E., Ph.D., Professor of Bacteriology


Charles A. Evans, M.D., Ph.D., Associate Professor of Bacteriology


Anne B. Riebeth, Ph.D., Assistant Professor of Bacteriology


Charles E. Skinner, Ph.D., Assistant Professor of Bacteriology


GERALD M. NEEDHAM, B.S., Instructor in Bacteriology


RICHARD MARWIN, B.S., Teaching Assistant in Bacteriology


HENRY M. TSUCHIYA, Ph.D., Hormel Research Associate in Bacteriology


MEDICAL TECHNOLOGY AND HOSPITAL LABORATORIES

GERALD T. EVANS, M.D., Ph.D., Associate Professor of Medicine, Director of Laboratory Service, and Director of Course in Medical Technology

"Thiouracil therapy in hyperthyroidism" (with E. B. Flink). Minnesota Medicine, 27:1002-10. December, 1944.


EDMUND B. FLINK, M.D., Assistant Professor of Medicine

"Thiouracil therapy in hyperthyroidism" (with G. T. Evans). Minnesota Medicine, 27:1002-10. December, 1944.


EVELA A. LARSON, M.D., Instructor in Medical Technology


MEDICINE

CECEL J. WATSON, M.D., Ph.D., Professor of Medicine and Head of the Department of Medicine


"Studies of urobilinogen" "IV. The quantitative determination of urobilinogen by means of the Evelyn photoelectric colorimeter" (with S. Schwartz and V. Sherov). American Journal of Clinical Pathology, 14:598-604. 1944.

"V. A simple method for the quantitative recording of the Ehrlich reaction as carried out with urine and feces" (with S. Schwartz, V. Sherov, and E. Bertie). Ibid., 14: 605-15. 1944.

"Studies of the uroporphyrins"—Continued
"II. Further studies of the porphyrins of the urine, feces, bile and liver in cases of porphyria, with particular reference to a Waldenstrom type porphyrin behaving as an entity on the Tswett column" (with S. Schwartz and V. Hawkinson). Ibid., 157:345-61. 1945.


Editor


HENRY E. MICHELSO., M.D., Professor of Dermatology

SAMUEL E. SWEITZER, M.D., Professor of Dermatology

HENRY L. ULRICH, M.D., Professor Emeritus of Medicine
"Three minor signs in physical diagnosis." Minnesota Medicine, 28:310. 1944.

JAMES B. CAREY, M.D., Clinical Associate Professor of Medicine


CARL B. DRAKE, M.D., Clinical Associate Professor of Medicine
"War and pestilence." Minnesota Medicine, 27:634-40. 1944.

HARRY G. IRIE, M.D., Clinical Associate Professor of Dermatology
"Communication (on premartial and prenatal examinations)." Minnesota Medicine, 27:561-84. July, 1944.

CARL W. LAYMON, M.D., Ph.D., Clinical Associate Professor of Dermatology

L'Union Medicale du Canada. Ibid. (Monthly.) 1944-45.
WESLEY W. SPINK, M.D., Associate Professor of Internal Medicine


FREDERICK W. HOFFBAUER, M.S., M.D., Assistant Professor of Medicine


"A correlation of composite liver function studies with histological changes in the liver as noted in biopsy material." Journal Laboratory and Clinical Medicine, 30:381-82. 1945.


THOMAS LOWRY, M.D., Clinical Assistant Professor of Medicine


MORSE J. SHAPIRO, M.D., Clinical Assistant Professor of Medicine


ERNST S. MARIETTE, M.D., Clinical Assistant Professor of Medicine


LOUIS H. WINTER, M.D., Clinical Assistant Professor of Dermatology

"Ulcerative Hodgkin's diseases with lymph node imprints" (with S. E. Sweitzer). Archives of Dermatology and Syphilology, 51:229-37. 1945.

RAGNVALD S. YLVAKER, M.D., Clinical Assistant Professor of Medicine

PUBLICATIONS OF THE FACULTIES

GEORGE N. AAGAARD, M.D., Instructor in Medicine


CHARLES R. DRAKE, M.D., Clinical Instructor in Medicine

Editor (one of four). Handbook for Minnesota School Board Members. Fall, 1944. 136 pages.

DeFOREST R. HASTINGS, M.D., Clinical Instructor in Medicine


JOHN F. BRIGGS, M.D., Clinical Assistant in Medicine


SUMNER S. COHEN, M.D., Clinical Assistant in Medicine


WENDELL H. HALL, M.D., Clinical Assistant in Medicine


"Renal damage due to sulfonamides" (with W. W. Spink). Staff Meeting Bulletin, Hospitals of the University of Minnesota, 16:76-87. 1944.


ROBERT W. EMMONS, M.D., Medical Fellow in Medicine


MERRIAM G. FREDRICKS, M.D., M.S., Medical Fellow in Dermatology


HOWARD L. HORN, M.D., Medical Fellow in Medicine


RODNEY F. KENDALL, M.D., Medical Fellow in Dermatology

"Personality aspects in skin diseases." Staff Meeting Bulletin, Hospitals of the University of Minnesota, 16:200-205. 1945.

RICHARD J. STEVENS, M.D., Medical Fellow in Dermatology

SAMUEL SCHWARTZ, M.D., Junior Scientist (Medicine)

"Studies of urobilinogen"

"IV. The quantitative determination of urobilinogen by means of the Evelyn photoelectric colorimeter" (with C. J. Watson and V. Sborov). American Journal of Clinical Pathology, 14:598-604. 1944.

"V. A simple method for the quantitative recording of the Ehrlich reaction as carried out with urine and feces" (with C. J. Watson, V. Sborov, and E. Bertie). Ibid., 14: 605-15. 1944.

"Studies of the uroporphyrins"


"II. Further studies of the porphyrins of the urine, feces, bile, and liver in cases of porphyria, with particular reference to a Waldenstrom type porphyrin behaving as an entity on the Tswett column" (with C. J. Watson and V. Hawkinson). Ibid., 157: 345-61. 1945.


VIOLA FERRIS, B.S., Laboratory Technologist (Medicine)


"Penicillin inhibitor from staphylococci which have developed resistance to penicillin in the human body" (with W. W. Spink). Proceedings of the Society for Experimental Biology and Medicine, 59:188-90. 1945.

NEUROPSYCHIATRY

J. CHARNLEY MCKINLEY, M.D., Ph.D., Professor of Neuropsychiatry and Head of the Department of Neuropsychiatry


Editor, Minnesota State Medical Association Packet on Psychiatry for the General Practitioner. November, 1944.

ERNEST M. HAMMEs, M.D., Clinical Professor of Neuropsychiatry

"The neuropsychiatric viewpoint of socialized medicine." Minnesota Medicine, 28:290-93. 1944.


"Chronic subdural hematomas." Ibid., 28:401-405. 1945.

ARE B. BAKER, M.D., Ph.D., Associate Professor of Neuropsychiatry


ROYAL C. GRAY, M.D., Ph.D., Clinical Associate Professor of Neuropsychiatry

PUBLICATIONS OF THE FACULTIES

STARKE R. HATHAWAY, Ph.D., Associate Professor of Neuropsychiatry and Clinical Psychologist

**Personality Evaluation.** Minnesota State Medical Association Packet on Psychiatry for the General Practitioner. November, 1944.


HYMAN S. LIPPMAN, M.D., Ph.D., Clinical Associate Professor of Neuropsychiatry


Reviews of

- "Diagnosis and Treatment of Problems in Children in Institutions." Institute for Child-Caring Institutions, University of Minnesota Center for Continuation Study, pp. 30-34. January 30, 1945.

JUDITH C. MICHAEL, M.D., Clinical Associate Professor of Neuropsychiatry


BURTRUM C. SCHIELE, M.D., Associate Professor of Neuropsychiatry


"Psychosomatic medicine." *Staff Meeting Bulletin, Hospitals of the University of Minnesota*, 16:97-105. 1944.

WALTER P. GARDNER, M.D., Clinical Assistant Professor of Neuropsychiatry


ROBERT L. MELLER, M.D., M.S., Clinical Instructor in Neuropsychiatry


HAROLD H. NORAN, M.D., Ph.D., Instructor in Neuropsychiatry


OBSTETRICS AND GYNECOLOGY

JOHN L. MCKELVEY, M.D.C.M., Professor of Obstetrics and Gynecology and Head of the Department of Obstetrics and Gynecology


JENNINGS C. LITZENBERG, M.D., Professor Emeritus of Obstetrics and Gynecology

CURTIS LUND, M.D., Assistant Professor of Obstetrics and Gynecology


"Vitamin A in pregnancy." Staff Meeting Bulletin, Hospitals of the University of Minnesota, 16:294-302, April 13, 1945.

MILTON ABRAMSON, M.D., Ph.D., Clinical Instructor in Obstetrics and Gynecology


OPHTHALMOLOGY AND OTOLARYNGOLOGY

LAWRENCE R. BOLE, M.A., M.D., Professor of Otolaryngology, Head of the Department of Ophthalmology and Otolaryngology and Director of the Division of Otolaryngology

"Hearing loss" (with E. F. McElmeel). Staff Meeting Bulletin, Hospitals of the University of Minnesota, 14:65-72, November, 1944.


"The symptom of headache." Ibid., 64:400-404, December, 1944.


ERLING W. HANSEN, M.D., Clinical Professor of Ophthalmology and Director of the Division of Ophthalmology


Discussions of:
- Martin Nordland, Case Report in Minnesota Medicine, 27:659, 1944.
- Walter E. Camp, Classification and Pathology of Tumors of the Retina. Ibid., 28:320, 1944.

HORACE NEWHART, M.D., Professor Emeritus of Otolaryngology


KENNETH A. PHELPS, M.D., Clinical Associate Professor of Otolaryngology

"Foreign bodies in the air and food passages." Minnesota Medicine, 27:27, January, 1944.


WALTER E. CAMP, M.D., Clinical Assistant Professor of Ophthalmology

"Classification and pathology of tumors of the retina." Minnesota Medicine, 28:317, April, 1945.

HENDRIE W. GRANT, M.D., Clinical Assistant Professor of Ophthalmology


CHARLES HYMES, M.D., M.S., Clinical Assistant Professor of Ophthalmology

"Local Anesthesia in Surgery of the Eye," Continuation Course in Ophthalmology at University of Minnesota Center for Continuation Study, February 5-9, 1945.


Devised new instrument: the concave scleral knife with curved blade for making scleral flap incision for the cataract operation. Presented before the American Academy of Ophthalmology and Otolaryngology, October, 1944.
PUBLICATIONS OF THE FACULTIES

PATHOLOGY

ELMER C. BELL, M.D., Professor of Pathology and Head of the Department of Pathology


KANO IKEDA, M.D., Associate Professor of Pathology

"Specialization in medical technology." American Journal of Medical Technology, 10:159-64. 1944.


"Coarctation of the aorta." Minnesota Medicine, 28:300-303. 1945.

"Malignant meningococcal infection" (with R. Rosenblat). Ibid., 28:373-78. 1945.

JAMES S. McCARTNEY, JR., M.D., Associate Professor of Pathology

"Isolated sarcoidosis of the small intestine simulating non-specific ileo-jejunitis" (with C. J. Watson, L. G. Rigler, and O. H. Wangensteen). Gastroenterology, 4:30-50. 1945


AMBROSE J. HERTZOG, M.D., Assistant Professor of Pathology

"Multiple myeloma, report of three cases" (with E. Schliecher). Minnesota Medicine, 27:1101-13. 1944.


JAMES RILEY, M.D., Medical Fellow in Pathology


HARRY A. WILMER, M.D., Ph.D., Medical Fellow in Pathology


"Nephrotoxic effect of poisons active on convoluted tubules in presence of hydronephrosis of one kidney." Archives of Pathology, 38:85-89. 1944.

PEDIATRICS

IRVINE McQUARRIE, Ph.D., M.D., Professor of Pediatrics and Head of the Department of Pediatrics


"Convulsive disorders." Staff Meeting Bulletin, Hospitals of the University of Minnesota, 16: 31-49. 1944.


Editor-in-chief, Brennemann's Practice of Pediatrics, 1945-.


ERLING S. PLATOU, M.D., Clinical Professor of Pediatrics

JOHN M. ADAMS, M.D., Associate Professor of Pediatrics

JOSEPH T. COHEN, D.D.S., Clinical Associate Professor of Pediatrics

REYNOLD A. JENSEN, M.D., Associate Professor of Pediatrics

ALBERT V. STOESSER, M.D., Ph.D., Associate Professor of Pediatrics

PAUL F. DWAN, M.D., Clinical Assistant Professor of Pediatrics

MILDRED ZIEGLER, Ph.D., Assistant Professor of Pediatrics
"Metabolic studies in hereditary periodic paralysis" (with I. McQuarrie). 2 pages for the Federation of American Societies for Experimental Biology.

ELIZABETH LOWRY, M.D., Clinical Instructor in Pediatrics

ROBERT ROSENTHAL, M.D., Clinical Instructor in Pediatrics

RICHARD B. TUDOR, M.D., Clinical Assistant in Pediatrics

THETA H. WOLF, Ph.D., Instructor in Pediatrics and Clinical Psychologist
FORREST H. ADAMS, M.D., Medical Fellow in Pediatrics
"Hereditary deformities in man" (with C. P. Oliver), Journal of Heredity, 36:5-7. 1945.

FRANCES M. BROWN, B.S., Speech Clinician in Pediatrics

E. PERRY CRUMP, M.D., Rockefeller Fellow in Pediatrics

OLIVE A. LUNDGREN, M.D., Medical Fellow in Pediatrics

ROBERT D. SEMSCH, M.D., Resident Fellow in Pediatrics and Contagion, Minneapolis General Hospital

ALVIN D. WERT, M.D., Medical Fellow in Pediatrics

PHARMACOLOGY
RAYMOND N. BIETER, M.D., Ph.D., Professor of Pharmacology and Head of the Department of Pharmacology
Laboratory Manual of Pharmacology for Dental Students (with J. T. Litchfield, Jr.). Minneapolis: University of Minnesota Mimeograph Department. 1945. 57 pages.
Laboratory Manual of Pharmacology for Medical Students (with H. N. Wright and J. T. Litchfield, Jr.). Minneapolis: University of Minnesota Mimeograph Department. 1945. 117 pages.

HAROLD N. WRIGHT, Ph.D., Associate Professor of Pharmacology

JOHN T. LITCHFIELD, JR., M.D., Assistant Professor of Pharmacology

PHYSIOLOGY
MAURICE B. VIESSCHER, M.D., Ph.D., Professor of Physiology and Head of the Department of Physiology
"Isotopic tracer studies on the movement of water and ions between intestinal lumen and blood" (with E. S. Fetcher, C. W. Carr, H. P. Gregor, M. S. Bushey, and D. E. Barker). Ibid., 142:550-52. 1944.
WALLACE D.


JOHN J. BITTNER, Ph.D., Professor of Cancer Biology and Director of the Division of Cancer Biology


GEORGE O. BURR, Ph.D., LL.D., Professor and Director, Division of Physiological Chemistry

"The deposition of antioxidants in the abdominal fat depots" (with H. T. Hanson, R. H. Barnes, and W. O. Lundberg). *Journal of Biological Chemistry*, 156:673-77. 1944.

WALLACE D. ARMSTRONG, M.D., Ph.D., Professor of Physiology

"The experimental production of erosions or ulcer (gastric and/or duodenal) in animals by fracture or curettage of bone marrow" (with K. A. Merendino, S. S. Litow, and O. H. Wangensteen). Bulletin of the American College of Surgeons, 30:38. 1945. (Abstract.)


ERNEST GELLOHN, M.D., Ph.D., Professor of Neurophysiology


"The role of the autonomic nervous system in problems of rehabilitation." Federation Proceedings, 3:266-71. 1944.


JOSEPH T. KING, M.D., Ph.D., Associate Professor of Physiology

"Tumor-bearing chicks hatched from eggs inoculated with mouse carcinoma" (with Z. B. Ball and E. C. Menefee). Proceedings of the Society for Experimental Biology and Medicine, 54:3-4. 1944.

WALTER O. LUNDBERG, Ph.D., Associate Professor of Physiological Chemistry, and Resident Director of the Hormel Institute


"The deposition of antioxidants in the abdominal fat depot" (with H. T. Hanson, R. H. Barnes, and G. O. Burr). Ibid., 155:673-77. 1944.


LEO T. SAMUELS, Ph.D., Associate Professor of Physiological Chemistry


KARL SOLLNER, Ph.D., Associate Professor of Physiology, and Chemist

"The structure of the collection membrane and its electrical behavior"


"The physical chemistry of membranes with particular reference to the electrical behavior of membranes of porous character"


"III. The geometrical and electrical structure of membranes of porous character; some examples of the machine action of membranes." Ibid., 49:265-80. 1945.

"Membrane equilibria which involve only the ions of strong inorganic electrolytes" (with H. P. Gregor). Journal of the American Chemical Society, 67:346. 1945.

HARLAND G. WOOD, Ph.D., Associate Professor of Physiology


RICHARD H. BARNES, Ph.D., Assistant Professor of Physiological Chemistry


NATHAN LIFSON, M.D., Ph.D., Assistant Professor of Physiology


VICTOR LORBER, M.D., Ph.D., Assistant Professor of Physiology


ZELDA B. BALL, M.S., Instructor in Physiology and Associate Cancer Biologist


CYRUS P. BARNUM, JR., Ph.D., Instructor in Physiological Chemistry

SUMMARY

**PUBLICATIONS OF THE FACULTIES**

**SAMUEL A. CORSON, Ph.D., Instructor in Physiology**


**RALPH T. HOLMAN, Ph.D., Instructor in Physiological Chemistry**


"Spectrophotometric studies of the oxidation of fats”


IV. Ultraviolet absorption spectra of lipoxidase-oxidized fats (with G. O. Burr). *Archives of Biochemistry*, 7:47-54. 1945.

**JOHN M. REINER, M.S., Junior Scientist and Instructor in Physiology**


**MERTON F. UTTER, Ph.D., Instructor in Physiology**


**ROBERTA FOLANSBEE, B.A., Teaching Assistant in Physiology**


**FERN W. SMITH, M.A., Teaching Assistant in Physiology**


**CHARLES W. CARR, Ph.D., Research Fellow in Physiology, WPB Rubber Research and Associate Chemist, Physiology**


HARRY P. GREGOR, Ph.D., Research Fellow in Physiology


"Membrane equilibria which involve only the ions of strong inorganic electrolytes" (with K. Soliner). *Journal of the American Chemical Society*, 67:346. 1945.

JAMES P. MURPHY, M.D., Research Fellow in Physiology


LOREN THOMPSON, Research Assistant in Physiology


MANLEY B. THOMPSON, B.E. (deceased), Research Assistant in Physiology


IRVING I. RUSOFF, Ph.D., Associate Chemist


DONALD F. CLAUSEN, Junior Scientist in Physiological Chemistry


PUBLIC HEALTH

WILLIAM A. O'BRIEN, M.D., Professor of Public Health and Director of Postgraduate Medical Education


Editor


Staff Meeting Bulletins, Hospitals of the University of Minnesota. Mimeographed weekly during school year, 1944-45.


ALBERT C. CHESLEY, M.D., Clinical Professor of Public Health

HAVEN EMBERSON, M.D., Professorial Lecturer in Public Health


J. ARTHUR MYERS, M.D., Ph.D., Professor of Public Health
"Minnesota's plan to certify schools for tuberculosis control." Everybody's Health, 30:7. 1944.


"First infection type of tuberculosis in children." Ibid., 126:1058. 1944.


RUTH B. FREEMAN, R.N., M.A., Associate Professor of Public Health and Director of the Course in Public Health Nursing

RUTH E. GROUT, Ph.D., C.P.H., Associate Professor of Public Health

Reviews of


Association for Childhood Education. Healthful Living for Children in Educational Leadership, 2:368. 1945.

Michigan Department of Public Instruction, Leads to Better Community Health. Ibid., 2:368. 1945.

Morris Fishbein and Leslie W. Irwin, Health and First Aid. Ibid., 2:368. 1945.

Olive Byrd, Health Instruction Yearbook. Ibid., 2:368. 1945.

Winifred Hathaway, Education and Health of the Partially Seeing Child. Ibid., 2:368. 1945.

Quarterly Journal of Studies on Alcohol, Alcohol Booklets. Ibid., 2:368. 1945.

Anne Roe, A Survey of Alcohol Education in Elementary and High Schools in the United States. Ibid., 2:368. 1945.
UNIVERSITY OF MINNESOTA


HAROLD A. WHITTAKER, B.A., Clinical Associate Professor of Public Health


BOGHLID G. BEHN, Ph.D., Assistant Professor of Public Health


LUCY S. HEATHMAN, Ph.D., C.P.H., Clinical Assistant Professor of Public Health


PEARL SHALIT, R.N., M.S.S., Clinical Assistant Professor of Public Health


DONALD A. DUKELLOW, M.D., Clinical Instructor in Public Health

Malaria in Minnesota. Minnesota Pharmacist, Bulletin No. 61. 1944. 1 page.

Minnesota’s Program Against Syphilis. Ibid., Bulletin No. 62. 1944. 2 pages.

Respiratory Obstruction. Ibid., Bulletin No. 63. 1944. 2 pages.

Cancer. Ibid., Bulletin No. 64. 1944.

Today’s Children—Tomorrow’s Citizens. Ibid., Bulletin No. 65. 1944. 1 page.

Drugs and Safety. Ibid., Bulletin No. 66. 1944. 2 pages.


Local Public Health Services. Ibid., Bulletin No. 68. 1944. 3 pages.

Possible Developments in Public Health Administration. Ibid., Bulletin No. 69. 1944. 3 pages.

New Uses of Blood. Ibid., Bulletin No. 70. 1944. 2 pages.

Sulfa Drugs and Penicillin. Ibid., Bulletin No. 71. 1944. 2 pages.

Mental Health. Ibid., Bulletin No. 72. 1944. 2 pages.

Protection of Motherhood. Ibid., Bulletin No. 73. 1945. 2 pages.

Tuberculosis. Ibid., Bulletin No. 74. 1945. 2 pages.

Industrial Health. Ibid., Bulletin No. 75. 1945. 2 pages.


Summer Safety. Ibid., Bulletin No. 78. 1945.

Minnesota State “Packet of the Month” Program

Malaria in Minnesota. January, 1944. 4 pages.

Syphilis in Minnesota. February, 1945. 8 pages.

Respiratory Infection as a Cause of Death in Minnesota. March, 1944. 3 pages.

Age Specific Cancer Mortality Studies. April, 1944. 5 pages.

Impact of Communicable Disease on the School Age Population. May, 1944. 4 pages.


Tuberculosis. February, 1945. 6 pages.


Working Conference on Community Health. University of Minnesota Center for Continuation Study


Factors Influencing the Health of School Children. August, 1945. 6 pages.

“Minnesota program against syphilis.” Minnesota Registered Nurse, 17:11. 1944.


“Accident conscious nurse.” Ibid., 17:22. 1944.


“Sulfa drugs and penicillin.” Ibid., 17:9. 1944.

“Mental health.” Ibid., 17:10. 1944.


PUBLICATIONS OF THE FACULTIES

"Babies and statistics." Ibid., 18:5. 1945.
"Services of public health." Ibid., 52:22. 1944.
"Protecting health at the fountain" (with H. S. Adams). Ibid., 52:24. 1944.
"Sulpha drugs and penicillin." Nebraska Mortar and Pestle. December, 1944. 2 pages.

LESLIE W. FOKER, M.D., M.P.H., Clinical Instructor in Public Health


HEIDE HENRIKSEN, R.N., B.S., Instructor in Public Health


VERN D. IRWIN, D.D.S., M.P.H., Clinical Instructor in Public Health

"Dental personnel in public health districts." North-West Dentistry, 23:141. 1944.
"Dental health—a basic element in physical fitness." Ibid., 24:42. 1944.
"Can tooth decay be prevented?" Trained Nurse and Hospital Review, 114:105. 1945.
"Preserve the first teeth." Ibid., 114:265. 1945.

VICTOR O. WILSON, M.D., M.P.H., Clinical Instructor in Public Health


HAROLD S. ADAMS, B.S., Special Lecturer in Public Health

"Here are some things you can do and plan to do about sanitation." American Restaurant Magazine, 31:32. 1945.
"Integrating milk and food inspection work." Journal of Milk Technology, 8:32. 1945.

RADIOLOGY

LEO G. RIGLER, M.D., Professor of Radiology and Head of the Department of Radiology and Physical Therapy

"Bronchial obstruction: roentgenologic observations." Modern Medicine, 12:55-69. September, 1944.
"Initial rate of emptying of stomach in peptic ulcer patients as related to evacuation of the gall bladder" (with E. A. Boyden). Anatomical Record, 91:296-97. 1945.


K. WILHELM STENSTROM, Ph.D., Professor of Biophysics and Director of Radiation Therapy


HAROLD O. PETERSON, M.D., Associate Professor of Radiology

Abstracts of

A. G. Cohen, Obstructive Emphysema and Atelectasis in the Same Lung Resulting from Bronchogenic Carcinoma in Radiology, 43:89. July, 1944.


B. Blades and D. J. Dugan, Pseudobronchiectasis. Ibid., 43:404. October, 1944.


MILAND E. KNAPP, M.A., M.D., Clinical Assistant Professor of Physical Therapy


WALTER H. UDE, M.D., Clinical Assistant Professor of Radiology


RICHARD H. BEISWANGER, M.D., Clinical Instructor in Radiology


SOLVEIG M. BERGH, Instructor in Radiology and Physical Therapy

FRANK R. GRATZEK, M.D., Clinical Assistant in Radiology


HENRY S. KAPLAN, M.D., Clinical Assistant in Radiology and Physical Therapy

"Induction of leukaemia in mice" (with A. Kirschbaum). *Science*, 100:360-61, October 20, 1944.


GJERT M. KELBY, M.D., Clinical Assistant in Radiology and Physical Therapy


DANIEL L. FINK, M.D., Fellow in Radiology


SURGERY

OWEN H. WANGENSTEEN, M.D., Ph.D., Professor of Surgery and Head of the Department of Surgery


"Primary resection (closed anastomosis) of rectal ampulla for malignancy with preservation of sphincteric function together with a further account of primary resection of the colon and rectosigmoid and a note on excision of hepatic metastases." *Surgery, Gynecology and Obstetrics*, 81:1-24. 1945.

"Causes of failure after gastric resection for ulcer; the myth of the intractable ulcer together with a note concerning the importance of the vascular factor in the genesis of ulcer." *Wisconsin Medical Journal*, 44:878-88. 1945.

RALPH T. KNIGHT, M.D., Clinical Professor of Surgery and Director of the Division of Anesthesiology

"The detection of leaky ampules." Anesthesiology, 5:300. 1944.
"Intravenous anesthesia." Ibid., 27:906-909. 1944.

WILLIAM T. PEYTON, M.D., Ph.D., Professor of Surgery and Director of the Division of Neurosurgery


JOE W. BAIRD, M.D., Clinical Associate Professor Anesthesiology


CLARENCE DENNIS, M.D., Ph.D., Associate Professor of Surgery

"Pre-operative and post-operative care for the bad risk patient." Minnesota Medicine, 27:538. 1944.
"Disaster following femoral vein ligation for thrombophlebitis; relief by fasicotomy; clinical case of renal impairment following crush injury." Surgery, 17:264-69. 1945.

L. HAYNES FOWLER, M.D., Clinical Associate Professor of Surgery

"Complicating factors in surgical diseases of the biliary tract" (with W. A. Hanson). Minnesota Medicine, 27:923-34. November, 1944.

N. LOGAN LEVEN, M.D., Ph.D., Clinical Associate Professor of Surgery


STANLEY MAXEINER, M.D., Clinical Associate Professor of Surgery

"Local anesthesia in general practice." Minnesota Medicine, 27:904-905. 1944.

GEORGE R. DUNN, M.D., Clinical Assistant Professor of Surgery

"Carcinoma of both breasts." Minnesota Medicine, 27:575-76. 1944.

JOHN H. MOE, M.D., Clinical Assistant Professor of Surgery


THEODORE H. SWEEZER, M.D., Clinical Assistant Professor of Surgery

RICHARD L. VARCO, M.D., Assistant Professor of Surgery

"Effect of increased protein intake on nitrogen retention in hypoproteinemia state (melenessy ulcer)." Proceedings of the Society for Experimental Biology and Medicine, 58:60-62. 1945.


RAYMOND E. BURGE, M.D., Clinical Instructor in Surgery


"Secondary carcinoma of the mandible, an analysis of seventy-one cases." Ibid., 15:553-64. 1944.


FRANK COLE, M.D., Instructor in Surgery

"Curare." Staff Meeting Bulletin, Hospitals of University of Minnesota, 15:359-64. 1944.


LEO C. CULLIGAN, M.D., Clinical Instructor in Surgery


FRANK LANNIN, M.D., Clinical Instructor in Surgery


K. ALVIN MERENDINO, M.D., Instructor in Surgery


**MALVIN J. NYDAHL, M.D., Clinical Assistant in Surgery**


**IVAN D. BARONOFSKY, M.D., Medical Fellow in Surgery**


**LYLE A. FRENCH, M.D., Medical Fellow in Surgery**


**FRED KOLOUCH, JR., M.A., Medical Fellow in Surgery**


**SIDNEY S. LITOW, M.D., Medical Fellow in Surgery**


PUBLICATIONS OF THE FACULTIES  79

SCHOOL OF NURSING

KATHARINE J. DENSFORD, R.N., M.A., Professor of Nursing and Director of the School of Nursing


"Rural hospital experience for students" (with M. L. Roach). Ibid., 44:690-91. 1944.

"Community agencies provide experience in the basic curriculum." Ibid., 44:1073-76. 1944.

"There are no barriers." Minnesota Registered Nurse, Vol. 17, No. 9, pp. 7-8. 1944.

GERTRUDE I. THOMAS, Assistant Professor of Dietetics


"The food habits of older people are important." Trained Nurse and Hospital Review, 113:44-47. July, 1944.


SCHOOL OF DENTISTRY

WILLIAM F. LASBY, D.D.S., Dean of the School of Dentistry and the Course for Dental Hygienists and Professor of Denture Prosthesis


CARL O. FLAGSTAD, D.D.S., Professor of Denture Prosthesis


CHARLES E. RUDELPH, D.D.S., Professor of Orthodontia

"Shall we increase our orthodontic instruction to meet the demand of postwar practice?" Journal of Dental Education, 9:53-56. October, 1944.

DOROTHIA F. RAPUSCH, D.D.S., M.S., Clinical Assistant Professor of Periodontia


Editor, Upsilon Alpha News. 1945.

HAROLD G. WORMAN, D.D.S., Assistant Professor of Oral Pathology and Periodontia

MARJORIE KNOWLTON, B.S., Junior Scientist in the Division of Dental Research and Graduate Education


MARY L. GOUZE, B.S., Laboratory Technologist, Dental Research


COLLEGE OF PHARMACY

CHARLES H. ROGERS, D.Sc., Dean of the College of Pharmacy


FREDERICK J. WULLING, Phm.D., LL.M., Phm.M. *causa honoris*, D.Sc., *causa honoris*, Dean Emeritus, College of Pharmacy


EARL B. FISCHER, Ph.D., Professor of Pharmacognosy


OLE GISVOLD, Ph.D., Professor of Pharmaceutical Chemistry


Patent Serial No. 490,149. "Methods for Producing Plant Extracts."

CHARLES V. NETZ, Ph.D., Associate Professor of Pharmacy


PUBLICATIONS OF THE FACULTIES

CHARLES O. WILSON, Ph.D., Associate Professor of Pharmaceutical Chemistry

RUGNAR ALMIN, B.S., Instructor in Pharmacy

CHARLES E. SMYTHE, Instructor in Pharmacognosy

COLLEGE OF EDUCATION

ADMINISTRATION

WESLEY E. PEIK, Ph.D., Dean of the College of Education
"Report of a survey of the public schools of Boston, Massachusetts." Chapter 16, pp. 831-60 in The Teachers College of the City of Boston, City of Boston Printing Department. 1944.

AGRICULTURAL EDUCATION

ALBERT M. FIELD, Ph.D., Professor of Agricultural Education
Editor, Visitor, 1944-45.

GEORGE F. EKSTROM, Ph.D., Assistant Professor of Agricultural Education
Suggestions for Organizing a Part-Time School. University of Minnesota, Department of Agricultural Education. December, 1944. 7 mimeographed pages.

ART EDUCATION

MARIE LIEN, Ph.D., Assistant Professor of Art Education

CLIFTON GAYNE, JR., M.A., Instructor in Art Education
"We built our own circulating art gallery" (with H. K. Gayne). Better Homes and Gardens, 23:42. April, 1945.
JOSEPHINE LUTZ, M.A., Instructor in Art Education
Inclusion in Twelfth Annual Exhibition of Watercolors, Pastels, Drawings and Prints, Oakland, California Art Gallery. 1944-45.
First prize for oil painting "Melting Snows," Woman's Club Spring Salon. 1944-45.
Exhibition in numerous local group shows.

HAZEL T. STOICK, B.S., Instructor in Art Education
Mural in egg tempera, Epic of Minnesota's Great Forests, 10' by 45' in Green Hall, Forestry Building, University of Minnesota Farm campus.
Drawing, Pat—Study No. II, 30th Annual Exhibition, Twin City Artists, 1944. Minneapolis Institute of Arts.

JOHN ROOD, Lecturer in Art Education
One-man sculpture exhibition
Fifteen original works of sculpture since July, 1944.

GENERAL EDUCATION

CHARLES W. BOARDMAN, Ph.D., Professor of General Education

NELSON L. BOSSING, Ph.D., Professor of Education
Impact of the War Upon the Schools of Red Wing, Minnesota (with L. J. Brueckner). Minneapolis: University of Minnesota Press. 1945. 122 pages.
Editor, Curriculum Development Section, Minnesota Journal of Education. 1944-45.

LEO J. BRUECKNER, Ph.D., Professor of Education
Impact of the War upon the Schools of Red Wing, Minnesota (with N. Bossing). Minneapolis, Minnesota: University of Minnesota Press, June 6, 1945. 122 pages.
"Contributions to the journal with special reference to elementary education." Ibid., 38:341-46. 1944.
"Factors maintaining the development of attitudes." Ibid., 38:470-74. 1945.
Editor, special numbers of Journal of Educational Research on Arithmetic, October, 1944 and on Reading, February, 1945.

PALMER O. JOHNSON, Ph.D., Professor of Education
"Factorial design in the determination of differential limen values" (with Fei Tsao). Psychometrika, 9:107-44. 1944.
"The increase in precision in educational and psychological experimentation through statistical controls." Journal of Educational Research, 38:149-52. 1944.


Associate editor, Science Education.

Statistical editor, Journal of Experimental Education.

Examinations for Life Insurance Salesman. Prepared for the State Commissioner of Insurance (with H. P. Longstaff), 1944-45, Form 1, 10 pages; Form 2, 10 pages.

Coordinator, Army Specialized Training Examination Program. 54 examinations. July 1, 1943 to July 1, 1944.

DORA V. SMITH, Ph.D., Professor of Education


"The effect on interpretation of the reader's purpose, the author's purpose, and the type of material read." Pages 94-99 in Reading in Relation to Experience and Language, Supplementary Educational Monographs, No. 58. Chicago: University of Chicago Press. 1944.


"Recent procedures in the evaluation of programs in English." Journal of Educational Research, 38:262-75. 1944.


EDGAR B. WESLEY, Ph.D., Professor of Education


Donald Dean Parker, Local History: How to Gather It, Write It, and Publish It in Minnesota History, 26:60-61. March, 1945.

CLIFFORD P. ARCHER, Ph.D., Associate Professor of Education and Director of the Bureau of Recommendations


RUTH E. ECKERT, Ed.D., Associate Professor of Education and Associate Director of the Bureau of Educational Research


TRACY F. TYLER, Ph.D., Associate Professor of Education


"Two challenges from the editor." Journal of the Association for Education by Radio, 4:3. September, 1944.

"What are they saying?" Ibid., 4:17. October, 1944.
UNIVERSITY OF MINNESOTA

"Greetings to the English teachers!" Ibid., 4:45. December, 1944.
"What are we fighting for?" Ibid., 4:97. April, 1945.

Reviews of

Editor, Journal of the Association for Education by Radio, 1944-45.
Co-editor, College of Education News (with A. Thompson), 1944-45.

ANTON 0. THOMPSON, Ph.D., Assistant Professor of Education
Co-editor, College of Education News (with T. F. Tyler), 1944-45.

FEI TSAO, Ph.D., Teaching Assistant in Education
"Tests of statistical hypotheses in the case of unequal or disproportionate numbers of observations in the subclasses." Psychometrika, 7:195-212. 1942.
"Factorial design in the determination of the differential limen values" (with P. O. Johnson). Ibid., 9:107-44. 1944.
"Is AQ or F score the last word in determining individual effort?" Journal of Educational Psychology, 34:513-25. 1943.

HISTORY AND PHILOSOPHY OF EDUCATION
THEODORE BRAMELD, Ph.D., Associate Professor of Educational Philosophy
"Progressive education on the firing line." Current History, 7:95-100. 1944.
"High school students work on a 'design for America'" (with B. Raup and B. O. Smith). Teachers College Record, 46:250-55. 1945; Education Digest, 10:41-43. 1945.

Reviews of

HOME ECONOMICS EDUCATION
CLARA M. BROWN, Ph.D., Professor of Home Economics Education
"Opportunities for home economists in postwar work." Forecast, 60:20-22, 64, December, 1944.
Outcomes of Education for Effective Living in the Modern World (Questionnaire and Check List). Distributed by the Cooperative Test Service. 1945. 6 pages.
PUBLICATIONS OF THE FACULTIES

Revision of Minnesota Check List for Food Preparation and Serving. University of Minnesota Press. 1945. 1 page.

EuDORA WADDLE, M.S., Instructor in Home Economics
"The retention of ascorbic acid and color in snap beans during cooking by different methods" (with I. T. Noble). Progress Notes, National Cooperative Project, Conservation of Nutritive Value of Foods. December, 1944. 8 mimeographed pages.

MUSIC EDUCATION

HAZEL B. NOHAVER, Mus.D., Ph.D., Assistant Professor of Music Education
"War emergency program" (with others). Ibid., Vol. 31, No. 4, pp. 16-17. February-March, 1945.
"Supplement to Music in Wartime Handbook." Minneapolis: University of Minnesota Mimeograph Department. 1944. 8 pages.

TRADE AND INDUSTRIAL EDUCATION

HOMER J. SMITH, Ph.D., Professor of Industrial Education

CLIFFORD K. LUSH, M.A., Instructor in Trade and Industrial Education
"Promoting better reading comprehension in industrial arts classes." Pages 49-53 in Attacking Reading Problems in Secondary Schools by the Subcommittee on Reading of the Committee on Fundamentals of the North Central Association of Secondary Schools and Colleges. 1944.

UNIVERSITY HIGH SCHOOL

EMMA M. BIRKMAIER, M.A., Instructor, University High School
From Cover to Cover. A vitalized commencement program. Minneapolis: Northwestern Press. 1945.
Editor
German News. 1944-45.
GEORGE ROBERT CARLSEN, M.A., Instructor, University High School
"United through books—A list for grades four through twelve" (with Sister M. Intz and J. G. Smith). Minneapolis: University of Minnesota Mimeograph Department. 1944.

WILLIAM H. CARTWRIGHT, JR., M.A., Instructor, University High School

HAZEL K. GAYNE, Ph.M., Instructor, University High School
"We built our own circulating art gallery" (with C. Gayne, Jr.). Better Homes and Gardens, 23:42. April, 1945.

ELEANOR P. MARLOWE, M.A., Instructor, University High School

DOROTHY M. MERIDETH, M.A., Instructor, University High School

DOROTHY TRANDEFF, B.S., Instructor, University High School

GRADUATE SCHOOL

THEODORE C. BLEGEN, Ph.D., L.H.D., Litt.D., Dean of the Graduate School and Professor of History

MAYO FOUNDATION

ADMINISTRATION

DONALD C. BALFOUR, M.D., LL.D., Professor of Surgery and Director of the Mayo Foundation
"Assembly dinner remarks." Ibid., pp. 222-23. 1944.
PUBLICATIONS OF THE FACULTIES 87

BACTERIOLOGY AND IMMUNOLOGY

EDWARD C. ROSENOW, M.D., LL.D., Professor of Bacteriology


"Studies on the virus nature of an infectious agent obtained from four strains of 'neurotrophic' alpha streptococci." *Journal of Nervous and Mental Diseases*, 100:229-62. September, 1944.


FORBYCE R. HEILMAN, M.D., Ph.D. in Bact., Assistant Professor of Experimental Bacteriology


DOROTHY H. HEILMAN, M.D., M.S. in Bact., Instructor in Bacteriology


BIOCHEMISTRY

ARNOLD E. OSTEBERG, Ph.D., Professor of Biochemistry


EUNICE V. FLOCK, Ph.D., Assistant Professor of Biochemistry


Edward J. Baldes, Ph.D., Professor of Biophysics


Charles Sheard, M.D., Ph.D., D.Sc., Professor of Biophysics


Medicine

Walter C. Alvarez, M.D., Professor of Medicine


"What is the matter with the patient who is always tired?" *Connecticut State Medical Journal*, 9:280-84. April, 1945.

Arlie R. Barnes, M.A., M.D., M.S. in Med., Professor of Medicine


PUBLICATIONS OF THE FACULTIES

GEORGE B. EUSTERMAN, M.D., Professor of Medicine

"Disorders of the liver and extrahepatic biliary ducts associated with cutaneous xanthomas and hyperlipemia" (with H. Montgomery). Gastroenterology, 3:273-86. October, 1944.


HERBERT Z. Giffin, M.D., Professor of Medicine


FRANK H. KRUSEN, M.D., Professor of Physical Medicine


FRANK C. MANN, M.D., M.A., D.Sc., Professor of Experimental Medicine


PAUL A. O'LEARY, M.D., Professor of Dermatology and Syphilology


"Asymptomatic neurosyphilis" (with others). Bulletin of the United States Army Medical Department, 80:46-51. September, 1944.

"Symptomatic neurosyphilis: a clinical survey" (with others). Ibid., 81:53-64. October, 1944.


Russell M. Wilder, Ph.D., M.D., Professor of Medicine

"Principles underlying studies of nutrition pertaining to the influence of supplements on growth, physical fitness and health with a comprehensive bibliography of the studies. Report by the committee on diagnosis and pathology of nutritional deficiencies, National Research Council" (with others). Archives of Internal Medicine, 74:258-79. October, 1944.


Henry W. Woltman, M.D., Ph.D. in Neur., Professor of Neurology


Jacob A. Bargen, M.D., M.S. in Med., Associate Professor of Medicine


Nelson W. Barker, M.D., M.S. in Med., Associate Professor of Medicine


"The determination of prothrombin time following the administration of dicumarol, 3,3'-methylenebis (4-hydroxycoumarin), with special reference to thromboplastin" (with M. Hurn and T. B. Magath). Journal of Laboratory and Clinical Medicine, 30:432-47. May, 1945.


Melvin W. Binger, M.A., M.D., Associate Professor of Medicine


Louis A. Brunsting, M.D., M.S. in Derm. and Syph., Associate Professor of Dermatology and Syphilology


Mandred W. Comfort, M.D., M.S. in Neur., Associate Professor of Medicine

Samuel F. Haines, M.D., M.S. in Med., Associate Professor of Medicine
“Metabolic effects of parathyroid hormone, dihydrotachysterol, and calciferol in a case of pseudohypoparathyroidism” (with R. G. Sprague and M. H. Power). Proceedings of the Central Society for Clinical Research, 17:16-17, 1944; Journal of Laboratory and Clinical Medicine, 30:363-64, April, 1945.

Frank J. Hick, M.S. in Path., M.D., Associate Professor of Medicine

Philip S. Hench, M.D., M.S. in Med., Associate Professor of Medicine

Edgar A. Hines, Jr., M.D., M.A., M.S. in Med., Associate Professor of Medicine
“Blood Pressure in the Arm and Thigh of Man”
“I. A study of averages, variations, and differences between thigh and arm” (with E. E. Gambill). American Heart Journal, 28:763-72, December, 1944.

Bayard T. Horton, M.D., M.S. in Med., Associate Professor of Medicine
EDWIN J. KEPLER, M.D., M.S. in Med., Associate Professor of Medicine


"The relationship of 'Crooke's changes' in the basophilic cells of the anterior pituitary body to Cushing's syndrome (pituitary basophilism)." Ibid., 5:70-75. February, 1945.


FREDERICK P. MOERSCH, M.D., Associate Professor of Neurology


HERMAN J. MOERSCH, M.D., M.S. in Med., Associate Professor of Medicine


"Benign tumor of the esophagus" (with S. W. Harrington). Archives of Otolaryngology, 41:284-90. April, 1945.

"Benign and malignant moles (nevi); their differentiation and treatment." Medical Clinics of North America, 28:968-77. July, 1944.

"Disorders of the liver and extrahepatic biliary ducts associated with cutaneous xanthomas and hyperlipemia" (with G. B. Eusterman). Gastroenterology, 3:275-86. October, 1944.


CARL F. SCHLOTTHAUER, D.V.M., Associate Professor of Veterinary Medicine


HARRY L. SMITH, M.D., M.S. in Med., Associate Professor of Medicine


"Posterior basal cardiac infarction affecting a young man, followed a year later by anterior apical infarction" (with C. C. Shullenberger). American Heart Journal, 28:429-34. October, 1944.

CHARLES H. WATKINS, Ph.D., M.D., Associate Professor of Medicine


"Atabrine dihydrochloride (quinacrine hydrochloride); some observations on its toxicity and on its use in the treatment of malaria, with particular reference to its effect on the liver" (with H. R. Butt, J. E. Hall, and R. W. Cragg). Gastroenterology, 4:205-12. March, 1945.


FREDERICK A. WILIUS, M.D., M.S. in Med., Associate Professor of Medicine


JOHN M. BERKMAN, M.D., M.S. in Med., Assistant Professor of Medicine


ALEX E. BROWN, M.D., M.S. in Med., Assistant Professor of Medicine


BYRON E. HALL, Ph.D., M.D., Assistant Professor of Medicine


"Primary splenic neutropenia" (with H. M. Rogers). Archives of Internal Medicine, 75:192-96. March, 1945.

WALLACE E. HERRELL, M.D., M.S. in Med., Assistant Professor of Medicine

HORTON C. HINSHAW, M.D., Ph.D., Assistant Professor of Medicine

CARL G. MORLOCK, M.D., M.S. in Med., Assistant Professor of Medicine

LOUIS E. PRICKMAN, M.D., M.S. in Med., Assistant Professor of Medicine

ANDREW B. RIVERS, M.D., M.S. in Med., M.A., Assistant Professor of Medicine

CHARLES H. SLOCUMB, M.D., M.S., Assistant Professor of Medicine

J. MINOTT STICKNEY, M.D., M.S. in Med., Assistant Professor of Medicine
PUBLICATIONS OF THE FACULTIES

ELMER G. WAKEFIELD, M.D., Assistant Professor of Medicine


HOWARD B. BURCHELL, M.D., Ph.D. in Med., Instructor in Medicine


EARL E. GAMBILL, M.D., M.S. in Med., Instructor in Medicine

"Blood Pressure in the Arm and Thigh of Man"


MALCOLM McC. HARGRAVES, M.D., Instructor in Medicine


F. RAYMOND KEATING, M.D., M.S. in Med., Instructor in Medicine


WALTER F. KVALE, M.D., M.S. in Med., Instructor in Medicine


WALLACE A. MERRITT, M.D., M.S. in Med., Instructor in Medicine

Donald R. Nichols, M.D., M.S. in Med., Instructor in Medicine


Howard M. Odel, M.D., M.S. in Med., Instructor in Medicine


Arthur M. Olsen, M.D., M.S. in Med., Instructor in Medicine


Herbert W. Schmidt, M.D., M.S. in Med., Instructor in Medicine


Randall G. Sprague, M.D., Ph.D. in Med., Instructor in Medicine


Jan H. Tillisch, M.D., M.S. in Med., Instructor in Medicine


William S. Tinney, M.D., M.S. in Med., Instructor in Medicine


Maurice N. Walsh, M.D., Instructor in Neurology and Psychiatry


Eric E. Wollaegeer, M.D., M.S. in Med., Instructor in Medicine

"Hepatolenticular degeneration: report of two cases with predominantly hepatic symptoms, one associated with the Cruveilhier-Baumgarten syndrome" (with H. C. Shands). Archives of Internal Medicine, 75:151-54. March, 1945.
OBSTETRICS AND GYNECOLOGY

ROBERT D. MUSSEY, M.D., Professor of Obstetrics and Gynecology


LAWRENCE M. RANDALL, M.D., M.S. in Obst. and Gyn., Associate Professor of Obstetrics and Gynecology


ARTHUR B. HUNT, M.D., M.S. in Obst. and Gyn., Assistant Professor of Obstetrics and Gynecology


OPHTHALMOLOGY, OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

WILLIAM L. BENEDICT, M.D., Professor of Ophthalmology


"Diagnosis of orbital tumors; address of the guest of honor." Journal of the American Medical Association, 126:880-84. December 2, 1944.

HAROLD L LILLIE, M.D., Professor of Otolaryngology


GORDON B. NEW, D.D.S., M.D., Professor of Laryngology, Oral and Plastic Surgery

"Tumors of the nose and the throat" (with E. L. Foss). Archives of Otolaryngology, 40:142-49. August, 1944.


FRED A. FIGI, M.D., Associate Professor of Otolaryngology

"Primary tumors of Stensen’s and Wharton’s ducts" (with W. D. Rowland). Archives of Otolaryngology, 40:175-76. September, 1944.


Fred Z. Havens, M.D., Associate Professor of Otolaryngology

"Malignant tumors of the nasal cavity: report of eight cases in which a frontoethmoid approach was employed" (with W. C. Thornell). Archives of Otolaryngology, 40:396-401. November, 1944.

Bert E. Hempstead, M.D., Associate Professor of Otolaryngology


Avery DeH. Prangen, M.D., Associate Professor of Ophthalmology


Charles W. Rucker, M.D., M.S. in Ophth., Associate Professor of Ophthalmology


Henry P. Wagener, M.D., M.S. in Ophth., Associate Professor of Ophthalmology


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Hugo L. Bair, M.D., Assistant Professor of Ophthalmology


Olav E. Hallberg, M.D., M.S. in Otol., Instructor in Otolaryngology and Rhinology


William C. Thornell, M.D., M.S. in Otol, Instructor in Otolaryngology and Rhinology

"Malignant tumors of the nasal cavity: report of eight cases in which a frontoethmoid approach was employed" (with F. Z. Havens). Archives of Otolaryngology, 40:396-401. November, 1944.


PATHOLOGY

Albert C. Broders, M.D., M.S. in Path., D.Sc., Professor of Pathology


**WILLIAM H. FELDMAN, D.V.M., M.S., Professor of Comparative Pathology**


"Acquisition of useless knowledge." *Diplomate, 16:382. August-September, 1944.

**THOMAS B. MACARTHU, Ph.D., M.D., Professor of Parasitology**


"The determination of prothrombin time following the administration of dicumarol, 3,3'-methylenedioxy (4-hydroxycoumarin), with special reference to thromboplastin" (with M. Hurn and N. W. Barker). *Journal of Laboratory and Clinical Medicine*, 39:432-47. May, 1945.

**LOUIS B. WILSON, M.D. (Deceased), Professor of Pathology**


**ARCHIE H. BAGGENSTOSS, M.D., M.S. in Path., Assistant Professor of Pathology**


RICHARD W. CRAIG, M.D., M.S. in Path., Assistant Professor of Pathology


MALCOLM B. DOCKERTY, M.D.C.M., M.S. in Path., Assistant Professor of Pathology


JOHN R. McDoNALD, M.D., M.S. in Path., Assistant Professor of Pathology


"Adenoma of apocrine sweat glands (hidradenoma) of the anal canal" (with W. L. Cooper). *Archives of Pathology*, 38:155-57. September, 1944.


EDITH M. PARKHILL, M.D., M.S. in Path., Instructor in Pathology


PEDIATRICS

C. ANDERSON ALDRICH, M.D., Professor of Pediatrics


HENRY F. HELMHOLZ, M.D., Professor of Pediatrics


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HADDOW M. KEITH, M.B., Assistant Professor of Pediatrics


GEORGE B. LOGAN, M.D., M.S. in Ped., Instructor in Pediatrics


PHYSIOLOGY AND PHYSIOLOGICAL CHEMISTRY

JESSE L. BOLLMAN, M.S., M.D., Professor of Physiology


WALTER M. BOOTHBY, M.D., M.A., Professor of Experimental Metabolism


HIRAM E. ESSEX, Ph.D., Professor of Experimental Physiology


GEORGE M. HIGGINS, Ph.D., Professor of Experimental Biology

CHARLES F. CODE, M.D., Ph.D. in Physiol., Associate Professor of Physiology


HAROLD L. MASON, Ph.D., Associate Professor of Physiological Chemistry


MARCHELLE H. POWER, Ph.D., Associate Professor of Physiological Chemistry


JOHN B. BATEMAN, Ph.D., Assistant Professor of Physiology


EUGENE H. WOOD, Ph.D., M.D., Assistant Professor of Experimental Physiology


H. FREDERIC HELMHOLZ, Jr., M.D., Instructor in Experimental Metabolism


GRACE M. ROTH, Ph.D. in Physiol., Instructor in Physiology


RADIOLOGY

ARTHUR U. DESJARDINS, M.D., M.S. in Rad., Professor of Radiology

BYRL R. KIRKLIN, M.D., Professor of Radiology

JOHN D. CAMP, M.D., Associate Professor of Radiology

ROBERT E. FRICKE, M.A., M.D., Associate Professor of Radiology

CLARENCE A. GOOD, M.D., M.S. in Rad., Instructor in Radiology

HARRY M. WEBER, M.D., Instructor in Radiology

SURGERY

ALFRED W. ADSON, M.A., M.D., M.S. in Surg., Professor of Neurosurgery

WILLIAM F. BRAASCH, M.D., Professor of Urology

LOUIS A. BUIE, M.D., Professor of Proctology

WILLIAM MCK. CRAIG, M.D., M.S. in Surg., D.Sc., Professor of Neurosurgery
"Penicillin: a progress report based on 1,455 cases treated at the National Naval Medical Center, Bethesda, Maryland" (with others). United States Naval Medical Bulletin, 44:453-79. March, 1945.
RALPH K. GHORMLEY, M.D., Professor of Orthopedic Surgery

"Evaluation of the Kenny treatment of infantile paralysis" (with others). Report of committee. 


"The Intervertebral Disc: Its Microscopic Anatomy and Pathology"


STUART W. HARRINGTON, M.D., M.S. in Surg., Professor of Surgery


"Hamartoma (often called chondroma) of the lung" (with J. R. McDonald and O. T. Claggett). Ibid., 14:128-43. April, 1945.


MELVIN S. HENDERSON, M.D., Professor of Orthopedic Surgery


JOHN S. LUNDY, M.D., Professor of Anesthesiology


"P.A.R.‘ spells better care for postanesthesia patients" (with R. P. Gage). Modern Hospital, 63:63-64. November, 1944.


HENRY W. MEYERDING, M.D., M.S. in Surg., LL.D., Professor of Surgery


JOHN BEJ. PEMBERTON, M.D., M.S. in Surg., LL.D., Professor of Surgery


WALTMAN WALTERS, M.D., M.S. in Surg., D.Sc., Professor of Surgery


VIRGIL S. COUNSELLE, M.D., M.S. in Surg., Associate Professor of Surgery

"Treatment for congenital absence of the vagina" (with F. S. Sluder, Jr.). Surgical Clinics of North America, 24:938-42. August, 1944.


CLAUDE F. DIXON, M.D., M.S. in Surg., Associate Professor of Surgery


BOYD S. GARDNER, D.D.S., Associate Professor of Dental Surgery

HOWARD K. GRAY, M.D., M.S. in Surg., Associate Professor of Surgery


GERTRUDE J. THOMPSON, M.D., M.S. in Urol., Associate Professor of Urology


"Cardiovascular disturbances following pneumonectomy: an attempt to correlate blood pressure and intrathoracic pressure changes" (with W. D. Seybold). *Surger y*, 17:538-51, April, 1945.


EDWARD N. COOK, M.D., M.S. in Urol., Assistant Professor of Urology


JOHN L. EMMETT, M.D., M.S. in Urol., Assistant Professor of Urology


JOHN B. ERICH, M.S., M.D., D.D.S., Assistant Professor of Plastic Surgery


RAYMOND J. JACKMAN, M.D., M.S. in Proc., Assistant Professor of Proctology


HARRY B. MACEY, M.D., Assistant Professor of Orthopedic Surgery


THOMAS L. POOL, M.D., M.S. in Urol., Assistant Professor of Urology


FREDERICK L. SMITH, M.D., Assistant Professor of Surgery

EDWARD C. STAFNE, D.D.S., Assistant Professor of Dental Surgery

EDWARD R. TUOHY, M.D., M.S. in Anes., Assistant Professor of Anesthesiology

R. CHARLES ADAMS, M.D.C.M., M.S. in Anes., Instructor in Anesthesiology

WILLIAM H. BICKEL, M.D., M.S. in Orth. Surg., Instructor in Orthopedic Surgery

B. MARDEN BLACK, M.D., M.S. in Surg., Instructor in Surgery

MARK B. COVENTRY, M.D., M.S. in Orth. Surg., Instructor in Orthopedic Surgery

DEWARD O. FERRIS, M.D.C.M., M.S. in Surg., Instructor in Surgery
PUBLICATIONS OF THE FACULTIES

LAURENCE F. GREENE, M.D., Ph.D. in Urol., Instructor in Urology

PAUL R. LIPSCOMB, M.D., M.S. in Orth. Surg., Instructor in Orthopedic Surgery

LLOYD H. Mousel, M.D., M.S. in Anes., Instructor in Anesthesiology

ALFRED UIHLEIN, M.D., M.S. in Surg., Instructor in Neurologic Surgery

MEDICAL FELLOWS

KENNETH H. ABBOTT, M.D., Fellow in Neurosurgery

HAROLD B. ALEXANDER, M.D., Ph.D. in Surg., Fellow in Surgery
EDWARD A. BANNER, M.D., Fellow in Obstetrics and Gynecology


HERMAN J. BEARZY, M.D., Fellow in Physical Medicine


LAWRENCE H. BEIZER, M.D., M.S. in Med., Fellow in Medicine


WARREN A. BENNETT, M.D., M.S. in Path., Fellow in Pathology


RAYMOND E. BENSON, M.D., M.S. in Surg., Fellow in Surgery


GEORGE E. BROWN, M.D., Fellow in Medicine


JOHN D. CALL, M.D., M.S. in Med., Fellow in Medicine

PUBLICATIONS OF THE FACULTIES

NORMAN A. CHRISTENSEN, M.D., Fellow in Medicine

HARLEY E. CLIXTON, JR., M.D., Fellow in Medicine

MARIO PAULO COLLADOS (STORNI), M.D., Fellow in Anesthesiology

WILFORD L. COOPER, M.D., M.S. in Proc., Fellow in Proctology
"Adenoma of apocrine sweat glands (hidradenoma) of the anal canal" (with J. R. McDonald). Archives of Pathology, 38:155-57. September, 1944.

RICHARD W. CORBITT, M.D., Fellow in Urology

DAVID S. CRISTOL, M.D., M.S. in Urol., Fellow in Urology


HORACE E. CROMER, JR., M.D., Fellow in Medicine

RALPH A. DETERLING, JR., M.D., Fellow in Surgery

DOUGLAS D. DICKSON, M.D., Fellow in Orthopedic Surgery

BROWN M. DOBYNS, M.D., M.S. in Surg., Fellow in Surgery

LEO W. DOYLE, JR., M.D., Fellow in Obstetrics and Gynecology

JOHN F. DRAPEWSKI, M.D., M.S. in Path., Fellow in Pathology
GEORGE J. EHNI, M.D., M.S. in Neurosurg., Fellow in Neurosurgery


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EDWARD L. Foss, M.S., D.D.S., M.D., Fellow in Plastic Surgery


PHILIP D. GELBACH, M.D., Fellow in Medicine


MELVIN T. GORSUCH, M.D., Fellow in Medicine


RUY GUYONNA, M.D., Fellow in Urology


WALTER S. GREEN, M.D., Fellow in Dermatology and Syphilology


ROBERT S. HAMM, M.D., Fellow in Urology


ERNEST M. HAMMES, JR., M.D., Fellow in Neurology


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"Coronary arteriosclerosis and myocardial infarction as studied by an injection technic."
Archives of Pathology, 39:268-73. April, 1945.

Robert M. Hoyne, M.D., M.S. in Med., Fellow in Medicine
"Constitutional hepatic dysfunction: clinical study of thirty-five cases" (with M. W. Comfort).

Margaret Hurst, B.A., Fellow in Clinical Pathology
"The determination of prothrombin time following the administration of dicumarol, 3,3'-methylenebis (4-hydroxycoumarin), with special reference to thromboplastin" (with N. W. Barker and T. B. Magath). Journal of Laboratory and Clinical Medicine, 30:432-47. May, 1945.

Herman A. Iverson, M.D., Fellow in Ophthalmology

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GEORGE E. MARRE, M.D., Fellow in Surgery

"Diaphragm and compression of the spinal cord and not of the cauda equina, by a congenital anomaly of the third lumbar vertebra" (with A. Uihlein). Surgical Clinics of North America, 24:963-68. August, 1944.

JAMES M. MARSHALL, M.D., M.S. in Surg., Fellow in Surgery


GORDON M. MARTIN, M.D., M.S. in Physical Med., Fellow in Physical Medicine


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HOWARD M. ROGERS, M.D., Fellow in Medicine
“Primary splenic neutropenia” (with B. E. Hall). Archives of Internal Medicine, 73:192-96. March, 1945.

WILLARD D. ROWLAND, M.D., Fellow in Surgery
WILLIAM G. SAUER, M.D., Fellow in Medicine

PHILIP H. SEEFELD, M.D., M.S. in Surg., Fellow in Surgery

WILLIAM D. SEYBOLD, M.D., Fellow in Surgery
"Cardiovascular disturbances following pneumonectomy: an attempt to correlate blood pressure and intrapleural pressure changes" (with O. T. Clagett). Surgery, 17:538-51. April, 1945.

HARLEY C. SHANDS, M.D., M.S. in Med., Fellow in Medicine
"Hepatolenticular degeneration: report of two cases with predominantly hepatic symptoms, one associated with the Cruveilhier-Baumgarten syndrome" (with E. E. Wollaeger). Archives of Internal Medicine, 75:151-54. March, 1945.

WENDELL S. SHARPE, M.D., M.S. in Surg., Fellow in Surgery

CHARLES H. SHELDEN, M.D., M.S. in Neurosurg., Fellow in Neurosurgery

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I

PUBLICATIONS OF THE FACULTIES

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SCHOOL OF BUSINESS ADMINISTRATION

RICHARD L. KOZELKA, Dean of the School of Business Administration and Professor of Economics and Statistics
Survey by Committee on Economic Development of Montevideo, Minnesota. 1944. 14 mimeographed pages.

EUGEN ALTSCHUL, Ph.D., Visiting Professor of Economics

ROY G. BLAKEY, Ph.D., LL.D., Professor of Economics
Reviews of
"Tax system designed to stimulate national income is basic postwar need." Minneapolis Tribune, November 19, 1944.

FREDERIC B. GARVER, PH.D., L.L.D., Professor of Economics

BRUCE D. MURGELL, PH.D., Professor of Economics and Statistics

J. WARREN STEHMAN, PH.D., Professor of Economics and Finance
Review of Charles S. Pepple, Development of Two Bank Groups in the Central Northwest in Mississippi Valley Historical Review, 31:472-73, 1944.

GEORGE J. STIGLER, PH.D., Professor of Economics

Reviews of

ARTHUR R. UNGREN, PH.D., Professor of Economics
United States and the Far East, Minneapolis: Minneapolis Federal Reserve Bank. 1944. 8 pages.
Reconstruction of Europe, Minneapolis: Minneapolis Federal Reserve Bank. 1944. 10 pages.
"Preface." Pages viii in Interests of Western Canadian Agriculture in the Peace Settlements, Minneapolis: University of Minnesota Press, 1944.
"Introduction." Pages 7-12 in Responsibilities of Private Enterprise after the War, New Wilmington, Pennsylvania: Economic and Business Foundation, 1944.
"Watch where you're growing." Banking, Vol. 36, No. 6, pp. 21-33, 1943.
"International trade—discussion." American Economic Review, Vol. 34, Pt. 2, No. 1 (Supple-
ment), pp. 54-55, 1944.
Reviews of

ROLAND S. VAILE, M.A., Professor of Economics and Marketing
What Is the Outlook for Employment after the War? (with W. C. Walz and A. Morgan). University of Minnesota Key Center of War Information, Special Bulletin No. 91, 1944. 8 pages.
Reviews of

Editor, The Community Basis for Post War Planning Series:
Charles W. Boardman, Out-of-School Youth. 1945.
F. Stuart Chapin, Community Leadership and Opinion. 1945.

DALE YODER, Ph.D., Professor of Economics and Industrial Relations
"Post-war factors (seniority, guaranteed wages, veteran's preference, social security)." Pages 48-52 in Industrial Relations Proceedings, 2nd Annual Industrial Relations Conference. Minneapolis: University of Minnesota. 1944.
"Note on Mr. Graham's communication (on hours of work)." American Economic Review, 35: 436-37. 1945.

ARTHUR M. BORAK, Ph.D., Associate Professor of Economics
Test in the Elements of Public Finance. (C 533.) Armed Forces Institute. 1944. 15 pages.

HELEN G. CANOYER, Ph.D., Associate Professor of Economics and Marketing
Associate review editor, Marketing Research, Journal of Marketing. 1944-45.

LAURENCE R. LUNDEN. See Administration

HARRY J. OSTLUND, B.A., Associate Professor of Accounting

EMERSON P. SCHMIDT, Ph.D., Associate Professor of Economics
"Can retailers abate depression?" Ibid., Vol. 8, No. 2, pp. 17, 42-44. 1945.
"Does your community have a business cycle policy?" New Jersey Municipalities, 21:19-20. 1944.
"Is unemployment compensation a federal problem?" Ibid., Vol. 1, No. 7, pp. 6-12. 1944.
Editorials and unsigned notes. Ibid., Vol. 1, Nos. 4-7; Vol. 2, Nos. 1-3.
"The negro and private enterprise." Chicago Defender, April 14, 1945.
"What industry can and cannot do about jobs." Greater Pittsburgh, 26:11. May, 1945.
Editor, American Economic Security, 1944–.
Member, Advisory Committee on Economics, Carnegie Endowment for International Peace. 1945.

RICHARD A. GRAVES, M.A., Assistant Professor of Economics and Insurance
Terminal Examination in Life Insurance by Correspondence. United States Armed Forces Institute. 1944. 110 questions.
Terminal Examination in Life Insurance. United States Armed Forces Institute. 1944. 110 questions.
Correspondence Study Course in Insurance Principles. Minneapolis: University of Minnesota Mimeograph Department. 1944.

HERBERT E. MILLER, Ph.D., Assistant Professor of Accounting
"Reserves for contingencies." Arthur Andersen Chronicle, 5:87-90. 1944.
Editor, Book Review Section, Accounting Review. 1944-45.
Auditing Examination. Armed Forces Institute. 1944.

EDMUND A. NIGHTINGALE, Ph.D., Assistant Professor of Economics and Transportation
Notes on Class-Rate Relationships. University of Minnesota: School of Business Administration. 1945. 3 pages.
Notes on Tariff Interpretation with Special Reference to Consolidated Freight Classification. University of Minnesota: School of Business Administration. 1945. 11 pages.

BEN W. PALMER, M.A., LL.B., Lecturer in Business Law
"The historian and the lawyer." Ibid., 13:42-44. 1944.
"History and the lawyer’s leadership." Ibid., 13:74-78. 1945.
"From Caligula to Hitler." Ibid., 13:89-91. 1945.

HERBERT G. HENEMAN, Jr., M.A., Instructor in Economics
"Employee evaluation (merit or service rating)." Pages 23-38 in Industrial Relations Proceedings. 2nd Annual Industrial Relations Conference. Minneapolis: University of Minnesota. 1944.
"Minimum requirements for an effective personnel program." Personnel Digest, Vol. 1, No. 6, pp. 22-25. 1944.

CHARLES E. LINDBLOM, B.A., Instructor in Economics
PUBLICATIONS OF THE FACULTIES

AURELIUS MORGNER, M.A., Instructor in Economics

What Is the Outlook for Employment after the War? (with R. S. Vaile and W. C. Waite). University of Minnesota Key Center of War Information, Special Bulletin No. 91. 1944. 8 pages.


NINA L. YOUNGS, B.A., Instructor in Accounting

Review of Stephen Gilman, What the Figures Mean in Accounting Review, 20:249. 1945

GENERAL COLLEGE

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Radio panel discussions over Station WLB published as special bulletins of the Key Center of War Information, University of Minnesota. "Organize Now." April 7, 1943; "Higher Education and the War," February 25, 1944; "What Can Be Done in Two Years in College?" April 24, 1944; "The Veteran Returns," November 10, 1944; "What Do We Want in General Education?" January 19, 1945.

CARL J. POTTHOFF, M.D., M.P.H., Associate Professor of Biological Science

"Consumer expenditures for medical services." Minnesota Medicine, 27:1028-29. 1944.

Outline of Procedures in the Receiving Station and for Ambulance Surgeons. Minneapolis: General Hospital Mimeograph Department. 1944. 20 pages.

Selected Concepts on Communicable Disease, for Beginning Students. Minneapolis: University of Minnesota Mimeograph Department. 1944. 8 pages.


GERALD HILL, B.A., Instructor in General Arts


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A Book List for Literature Today 30Bs. Minneapolis: University of Minnesota Mimeograph Department 1945. 8 pages.

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"Education for the citizen." Interpreter, 20:1, 2, 3. September, 1944.


IMMANUEL C. FISCHER, M.S., Assistant Professor of Engineering


F. LLOYD HANSEN, M.A., Assistant Professor of Applied Mortuary Science


"The memory picture." Ibid., 14:6-10. September, 1944.


"Preparation of autopsied bodies." Mid-Continent Mortician, 14:12-15, June, 1944.


HELEN P. MUDGETT, M.A., Assistant Professor of History


"What now, white man?" Opportunity: Journal of Negro Life. Summer Issue. 1944, pp. 103, 146-47. (Reprint from Interpreter.)


Institute on Race Relations: Summary of Proceedings. Center for Continuation Study. 1944. 23 mimeographed pages.


Reading for Wartime. Key Center for War Information. University of Minnesota. No. 25 (with others). 1944. 51 mimeographed pages.

EDWARD M. KANE, Instructor in History

"Hayek's road to freedom." Minneapolis Sunday Tribune, February 11, 1945.

RESS D. STEIN, M.A., Instructor in English


Reviews of:

P. K. Dulles, The Road to Teheran in Reading for Wartime, No. 25, p. 9, September, 1944.

J. Hersey, A Bell for Adano. Ibid., pp. 28-29.

G. Salvemini and G. La Piana, What To Do with Italy. Ibid., pp. 29-31.


Editor

Interpreter. 1944-45.

Key Center of War Information. Special Bulletins, "World We Want." 1944-45.

Contributor, Key Center of War Information, Reading for Wartime (edited by H. P. Mudgett). 1944-45.
PUBLICATIONS OF THE FACULTIES

BETTY T. GIRLING, B.A., Program Director, Radio Broadcasting


“The very smallest angel.” Children’s radio broadcast over WLB, December 2, 1943. 9 pages.

Honorable mention, Annual Exhibition of Educational Recording, Columbus, Ohio, May, 1944.

“Geoffrey giraffe.” Children’s radio broadcast, October 2, 1944. 9 pages.

“The wolf and Red Riding Hood.” Children’s radio broadcast, October 23, 1944. 9 pages.

“Gregory ghost.” Children’s Hallow’e’en radio broadcast, October 30, 1944. 8 pages.

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“Subject catalogs, classifications, or bibliographies? A review of critical discussions, 1876-1942.” Library Quarterly, 14:316-32. 1944.


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“The time to plan is always now.” (President’s address.) Ibid., 38:407-14. 1944.

“Greetings to Canada.” Ibid., 38:518. 1944.

“Something new has been added.” Ibid., 38:521. 1944.

"Re: Librarian of Congress (a letter "To the President of the United States.") Ibid., 39:62. 1945.
"A program for positive action." Ibid., 39:155. 1945.
"Now is the time for action!" Ibid., 39:155. 1945.
"To build a better world." Iowa Library Quarterly, 15:1. 1945.
"Books for the fighting man—why not also for the civilian?" Educational Outlook (School of Education, University of Pennsylvania, Philadelphia), 19:80-86. 1945.

MARIAN A. HUTNFF, B.A., B.S., First Library Assistant
A List of Periodicals Received on Subscription by the University of Minnesota Library from Axis and Axis-Dominated Countries during the Years 1939-44 (with E. Moore and M. Trangle). Minneapolis: University of Minnesota Library, 1944. 158 dittoed pages.

ELIZABETH MOORE, B.S., Junior Library Assistant
A List of Periodicals Received on Subscription by the University of Minnesota Library from Axis and Axis-Dominated Countries during the Years 1939-44 (with M. Huttner and M. Trangle). Minneapolis: University of Minnesota Library, 1944. 158 dittoed pages.

MERLE TRANGLE, B.S., Junior Library Assistant
A List of Periodicals Received on Subscription by the University of Minnesota Library from Axis and Axis-Dominated Countries during the Years 1939-44 (with M. Huttner and E. Moore). Minneapolis: University of Minnesota Library, 1944. 158 dittoed pages.

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Abstracts of articles in
*Archives of Pathology* in *Archives of Dermatology and Syphilology*, Vols. 50 and 51. 1944-45.
*Archives of Internal Medicine*. Ibid.
*Journal of Experimental Medicine*. Ibid.
*Endocrinology*. Ibid.
*American Journal of the Medical Sciences*. Ibid.

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*Bibliography in Health Education*. Minneapolis: University of Minnesota Mimeograph Department. 1944. 20 pages.

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"Student personnel work." Pages 3-6 in Postwar Counseling on the College Campus. Pasadena, Calif.: Western Personnel Service. 1944.


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Journal of Educational Psychology. 1944-45.

Counseling and the Colleges in Post-War Education. American College Personnel Association. 1945. 8 mimeographed pages.

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"Student Counseling." Ibid., pp. 34-33.
Directory of Veterans’ Services. Minneapolis: University of Minnesota Mimeograph Department. 1945. 6 pages.

SPEECH CLINIC
BRYNG BRYNGELSON, Ph.D., Professor of Speech and Director of the Speech Clinic
"Speech and reading ability," Pages 133-29 in *Reading in Relation to Experience and Language*. Supplementary Educational Monographs, No. 58. Chicago: University of Chicago Press. 1944.

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A Nature Calendar, Conservation Bulletin No. 6, St. Paul: Minnesota Department of Conservation. 1944. 48 pages.


Drawings

Richardson and Franklin Ground Squirrels. Conservation Volunteer, Vol. 7, No. 41, p. 44. 1944.

Canada Lynx. Ibid., Vol. 7, No. 42, p. 49. 1944.

Cormorant and Pelican. Ibid., Vol. 7, No. 43, p. 43. 1944.


Herring Gull and Black Tern. Ibid., Vol. 8, No. 46, p. 11. 1945.

INSTITUTE OF CHILD WELFARE

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Editor, Psychological Bulletin, 1944-45.

FLORENCE L. GOODENUGH, Ph.D., Professor, Institute of Child Welfare


"Expanding opportunities for women psychologists in the post-war period of civil and military reorganization." Ibid., 41:706-12. 1944.


Reviews of


M. E. Breckenridge and E. L. Vincent, Child Development, Physical and Physiological Growth through the School Years. Ibid., 39:384-85. 1944.


MARION L. FAEGRE, B.A., Assistant Professor and Extension Worker, Institute of Child Welfare


Your Own Story. Minneapolis: University of Minnesota Press. 1943. 52 pages.


"Stop being 'run ragged'!" Farm Journal and Farmer’s Wife, 68:76-77. October, 1944.

"Does your child have a talent for music?" Ibid., 69:72. April, 1945.

Reviews of


“Growing with your child.” Weekly educational feature released to daily and weekly newspapers of Minnesota. 1944-45.
ELIZABETH M. FULLER, Ph.D., Assistant Professor, Institute of Child Welfare and Principal of the Kindergarten and Nursery School

DALE B. HARRIS, Ph.D., Assistant Professor, Institute of Child Welfare
Reviews of

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Want To Be a Home and Neighborhood Games Champion? Minneapolis: General Mills, Inc. 1945. 30 pages.
"Training for recreation leadership." Motive, 7:23, 45. 1944.
"Physical fitness at the crossroad." Everybody's Health, 7:14-15. 1944.
Editor
Want To Be a Softball Champion? Minneapolis: General Mills, Inc. 1945.
Want To Be a Baseball Champion? Minneapolis: General Mills, Inc. 1945.
Want To Be a Football Champion? Minneapolis: General Mills, Inc. 1945.

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ERNST SIMONSON, M.D., Associate Professor, Laboratory of Physiological Hygiene

"The reappearance of flicker at high flash frequency in patients with brain pathology and in normal subjects" (with N. Enzer and S. S. Blankstein). Journal of Laboratory and Clinical Medicine, 29:63. 1944.


Abstracts

Josef Brozek, Ph.D., Assistant Professor, Laboratory of Physiological Hygiene
"Flicker fusion frequency as a test of fatigue" (with A. Keys). Journal of Industrial Hygiene and Toxicology, 26:169-74. 1944.
"The Russian language and Slav scientific efforts." Bulletin of the Masaryk Institute, 2:69. 1944.
"Psychophysiological aspects of industrial music." Institute on Music in Industry, Center for Continuation Study, University of Minnesota, August 10, 19-29. 1944.

Abstracts

Austin F. Henschel, Ph.D., Assistant Professor, Laboratory of Physiological Hygiene

Abstracts
OLAF MICKELSEN, Ph.D., Assistant Professor, Laboratory of Physiological Hygiene


"The F2 excretion of normal men on different levels of niacin intake" (with L. L. Erickson). Ibid., 58:33-36, 1945.

Abstracts


HENRY L. TAYLOR, Ph.D., Assistant Professor, Laboratory of Physiological Hygiene


Abstracts


LESTER L. ERICKSON, B.S., Research Assistant, Laboratory of Physiological Hygiene


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ANGIE M. STURGEON, B.S., Administrative Technologist, Laboratory of Physiological Hygiene
Abstracts

VISUAL EDUCATION
PAUL R. WENDT, M.A., Director of Visual Education Service and Instructor
"Regional institutes in audio-visual education in Minnesota." Educational Screen, 24:144, 149. April, 1945.

UNIVERSITY OF MINNESOTA PRESS
HELEN CLAPESATTLE, M.A., Editor, University of Minnesota Press
Reviews of
William Frederick Norwood, Medical Education in the United States before the Civil War in American Historical Review, 50:560-61. April, 1945.

DOROTHY L. TYLER, M.A., Editor-in-Chief, University of Minnesota Press
"The Netherlands East Indies." Ibid., Cranbrook Institute of Science, 14:82-86. 1945.

HELEN MACDONALD, Sales and Promotion Manager, University of Minnesota Press

GRACE KENN, M.A., Assistant Editor, University of Minnesota Press
Seventy-four original sketches, published as illustrations in Virginia Safford's, Food of My Friends. Minneapolis: University of Minnesota Press. 1944.
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