- FACULTY RECOGNITION—W. A. Zaugg, chairman; Helen Henderson, W. C. Jordan.
- FLOWER FUND-P. W. Jones, chairman; J. W. Bunn, Gertrude Eppler, L. A. Helms, Myrtle Jensen.
- GIFTS, ENDOWMENTS, AND MEMORIALS—B. L. Pierce, chairman; Helen Henderson, E. G. Knepper, W. E. Singer, C. G. Swanson.
- Graduate Council—J. L. Hill (1951*), E. G. Knepper (1951*), F. C. Ogg (1951*), L. A. Helms (1952*), G. C. Platt (1952*), E. C. Shuck (1952*), J. E. Wenrick (1952*), C. W. Young (1953*), C. L. Rew (1953*), E. T. Smith (1953*), G. W. Cooke (1954*), W. E. Steidtmann (1954*), C. G. Swanson (1954*), P. F. Leedy (ex officio).
- Honors—L. A. Helms, chairman; E. E. Dickerman, R. G. Harshman, Helen Henderson, Florence Williamson.
- HONORS PROGRAM—J. E. Wenrick, chairman; M. C. McEwen, Virginia Platt.
- LIBRARY—P. F. Leedy, chairman; W. H. Hall, R. G. Harshman, S. H. Lowrie, F. C. Ogg.
- MUSIC ACTIVITIES—M. C. McEwen, chairman; Myrtle Jensen, J. P. Kennedy, E. C. Shuck, and four student members.
- PLACEMENT—R. H. Geer, chairman; R. G. Harshman, H. L. Litherland, K. H. McFall.
- Publications—J. J. Currier, chairman; R. N. Baird, A. B. Conklin, P. F. Leedy, and four student members.
- RESEARCH-F. C. Ogg, chairman; G. W. Cooke, W. H. Hall, B. F. Nordmann.
- Scholarship—W. A. Zaugg, chairman; R. H. Geer, W. H. Hall, Helen Henderson, K. H. McFall, L. F. Manhart, J. R. Overman, G. I. Van Wormer.
- SPEECH ACTIVITIES—E. T. Smith, chairman; C. L. Rew, S. C. Stone, and three student members.
- SOCIAL—Alma Payne, chairman (1952*); Ann Marley (1951*), Eloise Whitwer (1951*), H. G. Steele (1951*), C. S. Martin (1952*), R. E. McKay (1952*), W. E. Steidtmann (1953*), G. C. Platt (1953*), Elizabeth Blackburn (1953*), Iris Andrews (1954*), Alice Schocke (1954*), H. H. Kane (1954*), A. B. Conklin, Florence Currier, and 12 student members.
- STUDENT SENATE ADVISORS—Florence Baird (1952*), A. J. Hammer (1952*), D. W. Bowman (1953*), H. W. F. Bruns (1953*), E. C. Hackbarth (1954*); B. L. Pierce, Student Court Advisor.
- UNIVERSITY SENATE COUNCIL—P. F. Leedy, chairman; W. J. Abell, Martha Gesling, W. H. Hall, W. E. Steidtmann, H. G. Steele, T. H. Tuttle.
- VISUAL AIDS—B. L. Pierce, chairman; H. L. Litherland, E. T. Smith, F. E. Beatty (ex officio).

Faculty

FRANK J. PRO	UT			 resident	(April	. 1939)*
B.Litt., Ohio University.	Wesleyan	University;	Ped.D.,			

Emeriti

CAROLINE NIELSEN Professor Emeritus B.A., M.A., University of Nebraska.	s of Foreign Language (1918)
JAMES ROBERT OVERMAN	Dean Emeritus, College of
B.A., Indiana University; M.A., Columbia Michigan.	Liberal Arts (1914) University; Ph.D., University of
CLAUDE D. PERRY	Registrar Emeritus (1923)
B.A., Ohio Wesleyan University. JOHN SCHWARZ Professor B.A., Miami University; M.A., University of	Emeritus of History (1923) Chicago.

Teaching Faculty

	Teaching Faculty
WILBUR J. ABELI	Associate Professor of Business
	Administration (1947)
B.S., James Mil.	likin University; M.S., University of Illinois.
BA Allowhous	Assistant Professor of Biology (1946)
WILLIAM DON A	College; M.S., University of Oklahoma. LEXANDER
B.S.M., Mount U	nion College: M.S., North Texas State Teachers College
WARREN S. ALLE	N Assistant Professor of Music (1946)
HAROLD ANDERSO	ern College; M.M., University of Michigan. NAssociate Professor of Health
33,200	and Physical Education (1942)
1	Director of Athletics; Basketball Coach
B.A., Otterbein	College: M.A., University of Michigan
IRIS E. ANDREWS	Assistant Professor of Health
P625 11 11 11 11 11 11 11 11 11 11 11 11 11	and I hysical Planeation (1945)
FRANK C. ARNOI	ck College; M.A., University of Michigan. Assistant Professor of Psychology (1948)
B.S., M.A., Ohio FERREL ATKINS	State University. Assistant Professor of Mathematics (1950)
H Q in Dinanti.	See Therefore Title 20 Ob at the in the second was a second of the second
RUTH A. ATKINS	Kentucky. Instructor of Sociology (1950) University of Illinois; Kentucky.
Diani, then beare	University; M.A., University of Kentucky. N. Instructor of Industrial Arts (1946)
B.Ed., University	of Toledo.
RS in Educati	Associate Professor of Foreign Language (1925) on, Bowling Green State University; B.A., M.A., Ohio State
RUSSELL N. BAIR	Assistant Professor of Journalism (1947)
JOSEPH K. BALOG	H
RS in Educatio	n Donnaylandla Ct. t. (D I
CHARLES ALDEN 1	Pittsburgh. BARRELL Professor of Political Science (1940)
Cho	tirman, Department of Political Science
B.A., Hampden State University.	Sydney College; M.A., University of Virginia; Ph.D., Ohlo
	BASHORE, JR. Instructor of English (1948)
D C Traincaudta	of Wissensia M. I. D. H.

[•] The date in parentheses is the date of first appointment to a position at Bowling Green State University.

† On leave of absence

B.S., University of Wisconsin; M.A., Bowling Green State University.

^{*} Term expires

Anthony B. Baynard	Assistant Prof.	essor of
	Foreign Language	
B.A., University of Scranton; M.A., Columb	oia University.	115
RALPH L. BECK Associate		(1949)
B.S., Indiana State Teachers College; M.S.	., Indiana University.	(40.40)
BRUCE BELLARD Instructor of Health B.S. in Education, Bowling Green State U1	and Physical Education	(1948)
FLORENCE E. BENDER Assistant Profe	egor of Home Economics	(10//)
Director, Nursery		(1041)
B.A., Goshen College; M.S., Purdue Univer		
HENRY BERTODATTO	Instructor of Economics	(1947)
B.Ed., Wisconsin State Teachers College : University.	at Whitewater; M.A., North	western
ELIZABETH L. BLACKBURN	Assistant Profe	sear of
	Business Education	
B.A., B.S. in Education, Ohio State University	ty: M.Ed., University of Pit	tsburgh.
J. ROBERT BLACKBURN	Assistant Professor of	Health
	and Physical Education	
Health Coordi	nator	1
B.S. in Education, Wittenberg College; M.A.	, University of Alabama.	2511
PHYLLIS M. BLOSSERLaboratory B.A., Bowling Green State University; M.S	Instructor of Chemistry	(1950)
ARLO D. BOGGS.	., Ohio State University.	(10/0)
B.S., Marietta College; M.S., Purdue Univer	reity	(1948)
†WAYNE R. BOHRNSTEDTAssis	stant Professor of Music	(1947)
B.M., M.M., Northwestern University.	•	- 10 To 10 T
ROBERT O. BONE Ass	sistant Professor of Art	(1948)
B.S. in Education, University of Illinois; M	.A., Columbia University.	(40.40)
B.A., Mount Union College; M.A., Ph.D., O.	Projessor of Physics	(1948)
J. RICHARD BOX	Instructor of Economics	(1949)
B.A., Bowling Green State University; M.I. PRUDENCE L. BROWN Assista	3.A., University of Michigan	1.
PRUDENCE L. BROWNAssista	nt Professor of Speech	(1947)
B.F.A., University of Nebraska; M.A., Univ	versity of Michigan.	(40.40)
HENRY W. F. BRUNS Inst B.A., Defiance College; M.A., Bowling Gree	ructor of Mathematics	(1946)
JOSEPH C. BUFORD Ass	n state University.	aramba
The state of the s	and Geology	
B.Ed., M.S. in Education, Illinois State No.	ormal University.	1277
Zola H. Buford	Instructor of Geo	graphy
	and Geology	(1949)
B.S. in Education, M.S. in Education, Illin	ois State Normal University	· Kallana
CAROL F. CHASE Instruc	tor of Home Economics	(1950)
B.S., New York State College for Teachers CARROLL W. CHEEK	at Buffalo.	
CAROLL W. CHEER	Assisiumi Projessor of B Administration	
B.S. in Business Administration, Bowling	r Green State University	M.B.A.
University of Michigan.		
EDWARD SCOTT CLAFLIN Associate Profe B.A., Oberlin College; M.A., Ph.D., Yale Uni	ssor of Political Science	(1947)
JOHN R. COASH Assistant Professor of	Geography and Goolean	(10/0)
B.A., Colorado College; M.A., University of	Colorado.	
MILAN H. COBBLE Instructor o	f Engineering Drawing	(1949)
B.S. in Mechanical Engineering, University	y of Michigan.	
MARY VIRGINIA COCHRAN	tor of Home Economics	(1947)
	y or minnesota,	
† On leave of absence		

ealt 1948
950)
Ph.D.
950)
948)
1937)
ealti
946)
943)
rsity. 950)
.948)
ience 950)
919)
940)
946)
340) inese
946)
New
948)
936)
949)
949) Uni-
/ak
925)
948)
47)
alth
aith (41)
19

770 11 342101 0143311 01111 01111 31111	
MARY LOUISE EVERLY Instructor of Biology	(1948)
B.A., Indiana University; M.A., Stanford University.	1200
LEON E. FAULEY Associate Professor of Music	(1930)
B.A., Wichita University; B.M., University of Kansas; M.A., Columb	bia Uni-
versity. BARTON G. FETTERMAN Instructor of Mathematics	(1946)
B.S. in Education, M.A., Ohio State University.	(1340)
MYLEN E. FITZWATER. Assistant Professor of Psychology	(1948)
B.S. in Education, M.A., Ph.D., Ohio State University.	
MERLE E. FLAMM Instructor of Physics	(1948)
B.A., Ashland College; M.A., University of Michigan.	
LYLE REXFORD FLETCHER Assistant Professor of Geo	
B.A., Ohio University; M.A., Ohio State University.	(1946)
GILES R. FLOYD	(1948)
B.A., Wofford College; M.A., Vanderbilt University; Ph.D., State University	
Iowa.	7-72/2009
DOROTHY L. FORNIA Assistant Professor of	
and Physical Education	(1947)
B.S. in Education, M.A., Ohio State University.	(10.40)
CECIL M. FREEBURNE Associate Professor of Psychology	(1948)
State University of Iowa.	, Fn.D.,
B.S. in Education, Kansas State Teachers College of Emporia; M.A. State University of Iowa. JOHN E. GEE Professor of Education	(1946)
Director, Secondary Education	All .
B.A., Tusculum College; M.Ed., Ed.D., University of Pittsburgh.	1323
RALPH H. GEERAssistant Professor of Education	(1948)
Veterans' and New Students' Counselor;	
Director, Bureau of Appointments	
B.A., Defiance College; M.A., Ohio State University. MARTHA M. GESLING	(1946)
Director, Education Clinic	Carlotte and the second
B.A., Ohio Northern University: M.A., Ohio State University,	
SUE E. GESLING Instructor of Business Administration	(1948)
B.S. in Business Administration, Bowling Green State University; M.S. western University.	
DAVID S. GLASMIRE Instructor of Music	(1950)
B.M., M.M., Cincinnati Conservatory of Music. ALICE GREINER Assistant Professor of Speech	(1049)
B.S. in Education, University of Cincinnati; M.S. in Education, Bowlin	
State University.	
HENRY PAUL GROSSHANS Instructor of History	(1950)
B.A., Doane College; B.Litt., Oxford University, England; M.A., Staversity of Iowa.	te Um-
ANNA N. GRYTING Assistant Professor of Mathematics	(1927)
B.S., University of Minnesota; M.A., Columbia University. EARL C. HACKBARTH Associate Professor of Psychology	(1947)
B.S., State University of Iowa; M.S., Purdue University. J. VILLASANA HAGGARD Associate Profe	ssor of
Foreign Language	
B.A., M.A., Ph.D., University of Texas.	TO AND THE REAL PROPERTY.
W. HEINLEN HALL Professor of Chemistry	(1936)
B.A., Muskingum College; Ph.D., Ohio State University. J. ALAN HAMMACK	(1950)
B.S. in Education, B.S., Kent State University; M.A., Northwestern Un	iversity. (1946)
B.S., Parsons College; M.S., Ph.D., Iowa State College of Agricult Mechanic Arts.	ure and
Mechanic Arts. HAROLD T. HAMRE Assistant Professor of Biology	(1946)
B.S., M.S., University of Wisconsin.	
GEORGE M. HANKEY Instructor of Business Education	(1946)
B.S., M.S. in Education, Bowling Green State University.	

MARCUS A. HANNA Laboratory Instructor of Chemistry (1946) B.A., B.S. in Education, Bowling Green State University
B.A., B.S. in Education, Bowling Green State University.
Dean College of Business Administration (1936)
B.S. in Education, Ohio Northern University; M.A., Ph.D., Ohio State Univer-
DALE HAVEN
B.S. in Education, M.A., Ohio State University.
LLOYD A. HELMS. Professor of Economics (1938) Chairman, Department of Economics B.A. DePauw University.
HELEN W. HENDERSON Associate Professor of Home Economics (1925) B.Ph., University of Chicago; M.A., Columbia University.
John H. Hepler Instructor of Speech (1949) B.A., M.A., Obio Wesleyan University. LAURA E. HESTON Professor of Home Economics (1918)
J. LEVAN HILL
J. LEVAN HILL Associate Professor of Industrial Arts (1948) B.S. in Education, Pennsylvania State Workship of Chicago.
B.S. in Education, Pennsylvania State Teachers College at California; M.Ed., †JOSEPH E. HIMMEL B.A., North Central College, M.M. Northwest Professor of Music (1947)
†CLYDE HISSONG (1947)
State University District Property District Prop
BS in Education ACS in Instructor of Industrial Arts (1947)
B.S. in Education, M.S. in Education, Bowling Green State University. MAJOR WILLIAM F. HORTON Assistant Professor of Military
B.S. United States Mills. Science and Tactics (1948)
MURANUR E. FIRITRY Accident Durf
B.S., Ohio University; M.S., University of Washington. ROBERT ROGERS HURACH
ROBERT ROGERS HUBACH B.A., University of Washington. B.A., University of Kansas City; M.A., University of Colorado; Ph.D., Indiana Howard B. Huffman
Assistant Professor of
B.S. in Education William Business Administration (1948)
WAYNE S. HUFFMAN descents D. College; M.B.A., University of Denver.
B.A., Findlay College; M.A., University of Michigan. R. LYNN HUTCHISON
R. LYNN HUTCHISON Associate Professor of Biology (1946) B.A., College of Wooster; M.A., Ohio University; Ph.D., Northwestern Uni-
MYRTLE JENSEN B.M., St. Olaf College: R.M. Associate Professor of Music (1938)
B.M., St. Olaf College; B.M., American Conservatory; M.M., University of
ULDRICH JICHA Assistant Professor of P.
MADGE E. JOHNSON Associate Brash, Harvard University.
B.S., University of Arkansas; M.A., Columbia University. PAUL W. JONES. Assistant Professor of Journalism (1941)
DITECTOT NOME PRIMARY
WILLIAM C. JORDAN Associate Professional Pro
JOHN M. JOSEPH
B.S., Allegheny College; M.A., Bowling Green State University. Associate Professor of Business
Dayton, B.S. in Education, M.A., Ohio State University
On leave of absence with Armed Forces

LOWRY B. KARNES Associate Professor of Geography and Geology (1945) B.A., Muskingum College; M.A., Ph.D., Ohio State University.
NORMAN G. KEIG Instructor of Economics (1949) B.A., Ohio University; M.A., University of Michigan.
JAMES PAUL KENNEDY. Professor of Music (1930)
B.A., William Penn College; B.M.Ed., M.M., Northwestern University; Ph.D., State University of Iowa.
PHILIP ALFRED KINT Instructor of Chemistry (1947) B.A., Findlay College; M.S., Ohio State University.
ARLENE SPARROW KIRKLAND Assistant Professor of Business Education (1950) B.S. in Education, Bowling Green State University; M.Ed., University of Wis-
EDWIN G. KNEPPER Professor of Business Education (1923)
Chairman, Department of Business Education B.A., B.S. in Education, Ohio State University; Ed.D., Harvard University. DAVID M. KRABILL
B.A., College of Wooster; M.A., Ph.D., Ohio State University. Henry KrauseInstructor of Engineering Drawing (1948) Acting Chairman, Department of Engineering Drawing
B.A., Western Michigan College of Education; M.A., University of Michigan. ESTON D. KREIGER
CHARLES J. LAKOFSKY
DONALD E. LATHROPE Assistant Professor of Sociology (1950) B.A., Wagner Memorial Lutheran College; M.A., Brooklyn College; M.S., Columbia University.
Chairman, Department of Library Science; Librarian
B.A., B.A. in Library Science, M.A., Ph.D., University of Michigan. LOWELL P. LELAND Associate Professor of English (1946) B.A., Colby College; M.A., University of Maine; Ph. D., Ohio State University.
HERSCHEL LITHERLANDProfessor of Education (1941) Dean, College of Education B.A. Greenville College: M.A. University of South Dakota; Ph.D., University
B.A., Greenville College; M.A., University of South Dakota; Ph.D., University of Cincinnati. Donald S. Longworth Assistant Professor of Sociology (1949)
B.S. in Education, M.A., Bowling Green State University. SAMUEL HARMAN LOWRIE Professor of Sociology (1939) B.A., Rice Institute; M.A., Ph.D., Columbia University.
COLONEL WILLIAM C. LUCAS Professor of Multary Science and Tactics (1948)
Chairman, Department of Military Science and Tactics B.S., United States Military Academy. DOROTHY M. LUEDTKE Instructor of Health and Physical
B.S. in Education, M.S. in Education, Bowling Green State University. REA MCCAIN
Chairman, Department of English B.A., National Normal University; B.A., Antioch College; M.A., Columbia
Director Cerebral Palsy Center and Speech and Hearing Clinic
B.S., Pennsylvania State Teachers College at Slippery Rock; M.Ed., Pennsylvania State College. ROBERT STANLEY MCCORDOCK
versity.

F A	COLIT	
MERRILL C. McEwen	Professor of Music	(1091)
Chairman, De	epartment of Music	(1921)
B.S. in Education, Columbia Univ.	ersity: M.A., Ohio State University.	
KENNETH H. McFall	Professor of Psychology	(1943)
Dean, College	e of Liberal Arts	(4)
B.S., Mount Union College: M.A.	Ph.D., Western Reserve University	
ROBERT E. MCKAY	Assistant Professor of Physics	(1944)
B.A., M.S., Ohio State University.	T	
GERALD McLaughlin Former Concertmaster, Toledo Oro	hostro	(1946)
WILLIAM J. MCLENNAND	Instructor of Pouchalogue	/10/01
B.A., University of Pittsburgh: M	A. Hniversity of Tolode	
FREDERICK R. McLEOD	Instructor of English	(1947)
D.A., DOWING Green State Univers	HV M A University of Detweit	
DALE R. MCOMBER	Instructor of Political Science	(1949)
D.S. In Education, M.A., Bowling (Green State University	
LEWIS F. MANHART	Associate Professor of B	usiness
RS in Education Bareline Com.	Administration	(1937)
ANN MARLEY B.W. Cosmonolitan School of Muse	tate University; M.A., Ohio State Un	iversity.
CLARE S. MARTIN	Professor of Chemistry	(1923)
Chairman, Depa	rtment of Chemistry	, ,
B.S., M.A., Ph.D., Ohio State Uni	versity.	
HARRY R. MATHIAS Asso B.A., Indiana Central College; M.A.	crate Professor of Mathematics	(1931)
DAVID MATTHEWS	Assistant Professor of Heal	th and
	Physical Education	
Track Coach; I	ntramural Director	(2021)
B.S., M.S., University of Michigan. SAMUEL M. MAYFIELD Profes		(1000)
Chairman Department	of Geography and Geology	(1930)
B.S., B.A., Berea College: Ph.D., Un	niversity of Chicago	11
KALPH E. MEAD	Assistant Professor of Speech	(1947)
B.A., College of Wooster; M.A., Un ELIZABETH A. MENZI	iversity of Michigan.	
B.A., Oberlin College.	ana Physical Education	(1950)
RANK G. MESERVE	Associate Professor of Biology	(1945)
B.A., University of Nebraska; M.A.	, Northwestern University; Ph.D.,	Univer-
RANK L. MIESLE	Instructor of Speech	(1948)
B.A., M.A., Bowling Green State Uni	versity.	
M. HAROLD MIKLE	Assistant Professor of Speech	(1947)
E.A., Western Michigan College of EWIS E. MILLER Ass	Education; M.A., University of Mich	igan.
B.A., M.S., Ohio State University . I	h D. Ilnivarcity of Dittehungh	
HARGARET N. MILLER	Instructor of Healt	h and
	Physical Education (1949)
B.S., Bowling Green State Universit	v.	
HARVEY D. MINER	Instructor of Industrial Arts (ate University: M.Ed., Ohio Universit	(1947)
OHN K. MIRES.	Instructor of Journalism (7948)
B.S. in Journalism, Ohio State Univ	ersity; M.A Bowling Green State 1	Jniver-
ity. Owen D. Montgomery	Assistant Dunfannu of De-	oin con
J. D. D. O. I.	Talentin Projessor of Bu	1046
B.S. in Education, Ohio University;	Education (
JUNUTHY EVELYN MOULTONA	lssistant Professor of English (1946)
B.A., Randolph-Macon Woman's Co.	llege; M.A., University of Pittsburg	h.

GEORGE MUELLICH Instructor of Health and Physical Education (1 B.S. in Education, Michigan State Normal College.	942)
HERBERT E. MUNTZ Assistant Professor of English (1	.945)
B.A., M.A., Ohlo State University. ORRA IRENE MUTER	947)
B.S., Ferris Institute; M.S., University of Tennessee. EVERETT C. MYERS	947)
Curator, University Museum B.A., Western Reserve University; Ph.D., Johns Hopkins University.	
	.946)
VIRGINIA MYERS Assistant Professor of English (1 B.A., College of Wooster; M.A., Radcliff College; M.Litt., University of bridge, England. MAURICE NIELSEN Associate Professor of Philosophy (1	948)
B.A., Linfield College; S.T.B., Ph.D., Harvard University. BERNARD FREDERICK NORDMANN Professor of History (1	
B.A., Stanford University; M.A., Ph.D., University of Illinois. PAULA NYYSSONEN Instructor of English (1	GH
B.A., M.A., Western Reserve University.	
†HAROLD B. OBEEAssistant Professor of Speech (1 Director, Community Drama Service	
B.A., Adrian College; M.A., Ohio State University. OTTO G. OCVIRK	.950)
B.F.A., M.F.A., State University of Iowa. FLORENCE S. OGG Assistant Professor of Mathematics (1 B.S. in Education, Eastern Illinois State College; M.A., University of Ill FRANK CHAPPELL OGG Professor of Mathematics (1	.939) inois. 931)
Chairman. Department of Mathematics	.002)
B.A., University of New Mexico; M.A., Ph.D., University of Illinois. JOHN F. OGLEVEE Assistant Professor of History (1	1949)
B.A., M.A., Ph.D., Ohio State University. CHARLES H. OTIS Professor of Biology (1	1930)
B.A., Ph.D., University of Michigan. JAMES ROBERT OVERMAN	914)
Dean Emeritus, College of Liberal Arts B.A., Indiana University; M.A., Columbia University; Ph.D., University	to of
Herbert J. Oyer Instructor of Speech (1	
R.A. Bluffton College: M.S. in Education, Bowling Green State Universit	у.
OLIVE PARMENTER Associate Professor of Business Education (1 B.S. in Education, Bowling Green State University; M.A., Columbia University.	1950)
BERYL MARGARET PARRISH Assistant Projessor of English (1	946)
B.S. in Education, M.A., Ohio State University. ALMA J. PAYNE	.946)
DONALD C. PETERSON INSTRUCTOR OF JOURNALISM U	1948)
B.J., University of Missouri. RUTH C. PICKUP Assistant Professor of Bus Administration (1	iness
	.540)
B.S., Northwestern University; M. Ed., University of Buffalo. BENJAMIN L. PIERCEProfessor of Business Administration (1	939)
Chairman, Department of Business Administration	la d'arres
B.A., Oberlin College; M.A., Columbia University; J.D., University of Mich GROVER C. PLATT	(946)
Chairman, Department of History B.A., State University of Iowa; M.A., Tufts College; Ph.D., State Univers	ity of
VIRGINIA BEVER PLATT Assistant Professor of History (1 B.A., University of Washington; M.A., University of California; Ph.D., University of Iowa.	947) State
† On leave of absence	

EARL CLAIR POWELL Associate Professor of Industrial Arts (1923) B.S. in Education, M.A. in Education, Ohio State University. MARTHA E. PURDOM Associate Professor of Home Economics (1944) B.S., Ohio State University; M.S., University of California at Los Angeles. JOHN K. RANEY Assistant Professor of Engineering Drawing (1939) University Architect B.Arch., Ohio State University. CECIL L. Rew Professor of Foreign Language (1935) Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois. EUGENE C. REYNOLDS Instructor of Speech (1950)
MARTHA E. PURDOM Associate Professor of Home Economics (1944) B.S., Ohio State University; M.S., University of California at Los Angeles. JOHN K. RANEY Assistant Professor of Engineering Drawing (1939) University Architect B.Arch., Ohio State University. CECIL L. Rew Professor of Foreign Language (1935) Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
JOHN K. RANEY Assistant Professor of Engineering Drawing (1939) University Architect B.Arch., Ohio State University. CECIL L. Rew Professor of Foreign Language (1935) Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
University Architect B.Arch., Ohio State University. CECIL L. Rew Professor of Foreign Language (1935) Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
B.Arch., Ohio State University. CECIL L. REW Professor of Foreign Language (1935) Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
CECIL L. REW Professor of Foreign Language (1935) Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
Chairman, Department of Foreign Languages B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
B.Ph., University of Chicago; M.A., Ph.D., University of Illinois.
EUGENE C. REYNOLDS Instructor of Speech (1050)
The Ottaches (1 Harrist D. 11 Co. 160)
B.A., Otterbein College; M.A., Bowling Green State University. KARL RICHARDS Assistant Professor of Art (1947)
B.S. in Education, Western Reserve University; M.A., State University of Iowa.
SYLVIA RICHARDS Instructor of Library Science (1947)
RA Ohio Woslavan University C A in Library Science University A Wieki
gan; M.A., Ohio State University.
B.A., Ohio Wesleyan University; B.A. in Library Science, University of Michigan; M.A., Ohio State University. ROBERT D. RICHEY Instructor of Speech (1948)
B.A., M.A., Ohio State University.
ADRIAN W. RULAND Instructor of Chemistry (1949)
B.A., Colgate University; M.S. in Education, Syracuse University; M.S., Ohio State University
ELFREDA M. RUSHER Instructor of Business Education (1950)
B.S. in Education, Ohio Northern University; M.A., Ohio State University.
ALLAN SAWDY Instructor of Health and Physical Education (1944)
B.S., Michigan State Normal College.
ARTHUR M. SAXE Instructor of English (1949)
B.A., St. Lawrence University; M.A., Columbia University.
WILLIAM E. SCHLENDER Associate Professor of Business
Administration (1947)
B.A., Valparaiso University; M.B.A., University of Denver.
WILLIAM F. SCHMELTZ Associate Professor of Business
Administration (1947)
B.B.A., University of Toledo; M.B.A., Harvard University; Certified Public Accountant (Ohio). ALICE SCHOCKE Instructor of Home Economics (1946)
ALICE SCHOCKE Instructor of Home Economics (1946)
B.S. in Education, Miami University; M.S., Ohio State University.
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsia.
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsia. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsia. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University.
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940) Chairman, Department of Speech and Dramatic Arts;
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940) Chairman, Department of Speech and Dramatic Arts; Director, University Theatre
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940) Chairman, Department of Speech and Dramatic Arts; Director, University Theatre B.A., Ohio Wesleyan University; M.A., Ph.D., Western Reserve University.
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTLL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940) Chairman, Department of Speech and Dramatic Arts; Director, University Theatre B.A., Ohio Wesleyan University; M.A., Ph.D., Western Reserve University. GEORGE R. SNYDER Assistant Professor of Education (1949)
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University. C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTIL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940) Chairman, Department of Speech and Dramatic Arts; Director, University Theatre B.A., Ohio Wesleyan University; M.A., Ph.D., Western Reserve University. GEORGE R. SNYDER Assistant Professor of Education (1949) Director, University Elementary School
B.S. in Education, Miami University; M.S., Ohio State University. GRAYCE M. SCHOLT Instructor of English (1949) B.S. in Education, M.A., Bowling Green State University C. EDWARD SCHUMACHER Instructor of Industrial Arts (1947) B.S. in Education, M.S. in Education, Bowling Green State University. EMERSON C. SHUCK Professor of English (1943) Dean, Graduate School B.S., Otterbein College; M.A., Ohio State University; Ph.D., University of Wisconsin. BERTLL G. F. SIMA Associate Professor of Foreign Language (1946) B.A., State Experimental College, Stockholm, Sweden; M.A., Ph.D., University of Leipzig, Germany. WILLARD E. SINGER Associate Professor of Physics (1927) Chairman, Department of Physics B.S., Capital University; B.E.E., M.A., Ohio State University. ELDEN T. SMITH Professor of Speech (1940) Chairman, Department of Speech and Dramatic Arts; Director, University Theatre B.A., Ohio Wesleyan University; M.A., Ph.D., Western Reserve University. GEORGE R. SNYDER Assistant Professor of Education (1949)

B.S., M.A., Ph.D., University of North Dakota.

SHIRLEY G. SPORK Instructor of Health and Physical Education B.S., Michigan State Normal College.	(1950)
EDWARD A. STARK Instructor of Psychology B.A., Wittenberg College; M.A., Bowling Green State University.	
HAROLD GLENDON STEELE Assistant Professor of English B.A., Northwestern University; M.A., Ohio State University.	
WALDO E. STEIDTMANN Professor of Biology Chairman, Department of Biology	(1936)
B.A., University of Wisconsin; M.S., Ph.D., University of Michigan. WARREN E. STELLER Professor of Hea	lth and
Physical Education	(1924)
Baseball Coach	
B.A., Oberlin College; M.A., Columbia University. ROBERT E. STINSON	(1949)
B.F.A., University of Illinois; M.A., M.F.A., State University of Iowa. †JOHN W. STOCKTON	
B.S., M.A., Miami University. HUBERT P. STONE Assistant Professor of Library Science	(1946)
B.A., Ohio Northern University; B.S. in Library Science, Western University; M.A., Oberlin College. SYDNEY C. STONE	Reserve
Director, Campus Radio Station WRSM	(1944)
B.A., M.A., Ohio Wesleyan University. GALEN STUTSMAN Associate Professor of Business Education	(1950)
B.S. in Education, M.A., Ph.D., Ohio State University. C. GLENN SWANSON Professor of Sociology	(1934)
Chairman, Department of Sociology	
B.A., M.A., Colorado State College of Education; Ph.D., New York Un ELAINE N. TAYLOR Instructor of Health and Physical Education	(1950)
B.S., Pennsylvania State College. JOHN E. TAYLOR. Instructor of Psychology	(1950)
B.S., Pennsylvania State College; M.A., Bowling Green State Univers JACQUELINE E. TIMM Associate Professor of Political Science B.A., M.A., Ph.D., University of Texas.	(1946)
MAE A. TINDALL Assistant Professor of Education B.A., Willsmette University; M.A., Columbia University	(1941)
HAROLD E. TINNAPPEL Assistant Professor of Mathematics B.S. in Education, M.A., Obio State University.	
BRUCE TOLBERT Instructor of Music	
AMY TORGERSONInstructor of Health and Physical Education B.S., Central Missouri State Teachers College; M.A., New York Univers ROLAND M. TORGERSONAssociate Professor of Industrial Arts	itv.
Chairman, Department of Industrial Arts	,,
B.S., M.A., University of Minnesota. ARTHUR B. TREISTAD Instructor of Sociology	(1948)
B.A., Hofstra College; M.A., New York University. DANIEL S. TRIFAN	(1950)
Ph.D., Harvard University. BETTY JEAN TROEGERInstructor of Music	(1946)
B.S. in Education, Bowling Green State University; M.M., Northwester	ern Uni-
TOM HOLLINGSWORTH TUTTLE Professor of Philosophy Chairman, Department of Philosophy	
B.A., M.A., University of Texas; Ph.D., University of Southern Californ ROBERT W. TWYMAN Assistant Professor of History	ia. (1948)
B.A., Indiana University; M.A., Ph.D., University of Chicago. LELAND S. VAN SCOYOC	(1946)
t On leave of absence	

HARMON VOSKUIL Associate Professor of Economics	(1946)
B.A., Hope College; M.A., University of Minnesota. WILLIAM S. WAGNER	(10.18)
B.S. in Education, Bowling Green State University; M.A., Ohio State University	(1947) iversity
WILLARD F. WANKELMAN Associate Professor of Art	(1946)
Chairman, Department of Art	,
B.S. in Education, M.A., Ohio State University. ANTHONY P. WAURO	(1050)
B.F.A., M.F.A., School of the Art Institute of Chicago.	-
J. ELLIOTT WERER Associate Professor of Chemistry	(1937)
B.A., M.A., Ph.D., Indiana University. WILLIAM J. WEIERSHEUSER. Assistant Professor of I	Foreign
Language	(1947)
B.A., Nebraska State Teachers College at Wayne; M.A., University of N. LOIS M. WELLOCK	ebraska.
Physical Education	
B.S., Michigan State Normal College; M.S., University of Michigan; Re	gistered
B.S., Michigan State Normal College; M.S., University of Michigan; Re Physical Therapist, Northwestern University. JOHN EVERETT WENRICK	(1947)
Chairman, Department of Psychology	
B.A., M.A., Ph.D., Ohio State University. ROBERT H. WHITTAKER Assistant Professor of	Heal+1
and Physical Education	(1941)
Football Coach	(/
B.S. in Education, Miami University; M.A., Bowling Green State Unive E. ELOISE WHITWER	ersity. (1946)
B.A., Grand Island College: M.A. University of Nebraska	
MARIETTA KERSHNER WIGG Instructor of Art B.S. in Education, Bowling Green State University.	•
PHILIP R. WIGG Instructor of Art B.A., Park College; M.F.A., State University of Iowa.	•
FRANCIS F. WILCOX Instructor of Music B.A., M.A., State University of Iowa.	
ALLEN V. WILEY Assistant Professor of Economics B.A., M.A., Lafayette College. VIOLA WILLEKE Instructor of English B.S. in Education Objection University M.A. University of Management of Management (Management of Management of	(1946)
VIOLA WILLEKE Instructor of English	(1946)
FLORENCE J. WILLIAMSON Professor of Education	an. 710961
B.A., Cedarville College; M.A., Ph.D., Ohio State University. EMORY O. WINDREM Instructor of Speech	(1950)
B.A., M.A., State University of Iowa. E. HARRY WOHLERAssistant Professor of Mathematics	(1946)
B.A., Wittenberg College; M.A., University of Toledo. BERNARD J. WRIGHTInstructor of English	(1949)
BERNARD J. WRIGHT Instructor of English B.A., M.A., University of Michigan. JAMES CLYDE WRIGHT Assistant Professor of Psychology	(1947)
Director, Psychology Clinic	
B.A., Muskingum College; M.A., Ohio State University. ROBERT A. WYKESInstructor of Music	(1950)
B.M., M.M., University of Rochester. †HADLEY YATES Assistant Professor of Music	(1946)
B.M., M.M., Northwestern University. ‡RAYMOND YEAGER	
B.S. in Education, M.A., Bowling Green State University. MARGARET YOCOM	
B.A., Oberlin College; B.S. in Library Science, Western Reserve Universi CHARLES W. YOUNG	(1 <i>323)</i> ty.
Director Florentee Figure 1	(1945)
Director, Elementary Education B.A., Ohio Wesleyan University; M.A., Ph.D., Ohio State University.	
On leave of absence to n leave of absence with Armed Forces	
I Un leave of absence with Armed Forces	

FACULTY

W	
WALTER A. ZAUGG Professor of Education	(1923)
Chairman, Department of Education; University Orator	
B.A., Valparaiso University; B.A., Indiana University; M.A., Columbia sity; Ph.D., New York University.	Univer-
ARTHUR ZUELZKE Assistant Professor of Music	
Director, Wind Instruments	33
B.S., University of Cincinnati; M.A., University of Michigan.	

Library Staff

PAUL F. LEEDY. Librarian
B.A., B.A. in Library Science, M.A., Ph.D., University of Michigan
CATHERINE ELLIS Acquisitions Librarian
Reserve University. University: B.S. in Library Science, Western
ROBERT E. HAZELTINE Assistant Cataloger
B.A., University of Akron; M.S. in Library Science, Western Reserve University.
RUTH KILMER Periodicals Librarian
B.S. in Education, Duquesne University; B.S. in Library Science, Western Reserve University.
Ruby L. King Documents Librarian
B.A., Hillsdale College; B.A. in Library Science, University of Michigan
VIRGINIA MERRELL Library Circulation Manager
B.A., Bowling Green State University.
SYLVIA RICHARDS Reference Librarian
B.A., Ohio Wesleyan University; B.A. in Library Science, University of Michigan; M.A., Ohio State University.
DOROTHY S. STOCKTON Library Assistant
B.S. in Education, Miami University. HUBERT P. STONE Reference Librarian
RA Obje Northern University B. S. J.
B.A., Ohio Northern University; B.S. in Library Science, Western Reserve University; M.A., Oberlin College.
RANGHILD N. STONE Library Assistant
B.A., M.A., Oberlin College. MARGARET YOCOM
MARGARET 10COM. Associate Librarian
B.A., Oberlin College; B.S. in Library Science, Western Reserve University.

Cerebral Palsy Center

ADELINE McCLELLAND	iractor
B.S., Pennsylvania State Teachers College at Slippery Rock; M.Ed., sylvania State College.	Penn
MARGARET I. BASS Occupational The	ranist.
B.S. in Home Economics, University of Illinois; Registered Occupational pist, Milwaukee-Downer College.	Thera-
PRUDENCE L. BROWN Speech The	rapist
B.F.A., University of Nebraska: M. A., University of Michigan	
EDNA E. FISCUS Physical The	rapist
B.S. in Education, Bowling Green State University; Registered P. Therapist, Mayo Clinic.	hysical

Part-Time Appointments

DOROTHY H. ABELL Instructor of English and Business Administration
B.S., University of Illinois; M.A., Columbia University. HENRIETTA S. BAYNARD
B.A., Capital University; M.A., Ohio State University. NANCY L. COBBLE
B.A., University of Michigan. THOMAS CURTIS
B.A., University of Michigan; S.T.B., Boston University.

HERMAN A. DENNIS	Instance of Maria
VERNON B. DUNHAM Assista	ent Instruction of Music
Audit in a state of	and Physical Education
Assistant Football Coach	t .
B.S. in Education, Bowling Green State University. LEE Z. HAFKIN.	netructor of Louisialians
MARION V. HILL	nounce III.
B.A., Juniata College. MARJORIE C. KREISCHER	•
B.S. in Education, M.A., Bowling Green State Univer	ur.11
B.A., M.A., University of Pittsburgh. CLAUDE OTTO L. I. R. University of W. L.	
L.L.B., University of Toledo. ROBERT G. RIEGLE Le	
sity. Bowling Green State University;	L.L.B., Ohio State Univer-
NILDA STINSON	or of Foundam I am and
B.S., University of Texas; M.A., State University of JAMES C. WHITTAKER	
	and Physical Education
Assistant Football Coach	
B.S. in Education Rowling Cross State Water	
RAYMOND C. WHITTAKER Assista:	nt Instructor of Health
	and Physical Education

and Physical Education

Assistant Football Coach

B.S. in Education, Bowling Green State University.

Graduate Assistants

ELIZABETH ARNHOLT	Sp
B.S. in Education, B.A., Bowling Green Stat	
B.S., Bowling Green State University. ARTHUR R. BARBIERS R.S. Bowling Green State University.	
ANDRES BERMUDEZ	Rusings Administra
NORMAN V. BLALOCK Tri-State (
PALPH F. BLANCO	Pougho
NTHONY BONITO, JR.	lealth and Physical Educa-
B.S. in Education, Bowling Green State Uni	
B.A., Bowling Green State University. COBERT B. CHOTOFF B.A. Wittenberg College	
B.A., Wittenberg College. ATHRYN L. CRIDER	
B.S. in Education, Bowling Green State Uni	ma a a - 24
B.A., Lake Forest College. RENE C. ELLIS B.A. Bowling Groop State University	
DEPH R. EWERS	Parainan Admitata
OHN J. GILLESPIE	reen State University.
B.S. in Education, Bowling Green State Univ	

DO IN DIAM GRADEN STATE UNIVERSITI
CLAYTON R. COOK Supervising Teacher, Physical Education (1934) B.A., Marietta College; M.A., Ohio State University.
VELMA COOPER Supervising Teacher, Home Economics (1950) B.S. in Education, Ohio University.
ELIZABETH D. GELVIN Supervising Teacher, English (1930) B.S. in Education, M.A., Ohio State University.
BERNARD GORMAN Supervising Teacher, Mathematics (1950) B.A., Fairmont State College.
MARY ANNE GRIFFITH Supervising Teacher, Physical Education (1949) B.A., Fairmont State College; M.A., Ohio State University.
ROBERT HEIGHBERGERSupervising Teacher, Industrial Arts (1948) B.S. in Education, Kent State University.
Roy V. Hilty Supervising Teacher, Vocal Music (1928) B.A., Bluffton College: M.A., Ohio State University.
ELIZABETH E. INMANN Supervising Teacher, Science (1929) B.S. in Education, M.A., Ohio State University.
JOHN J. KLEINFELTER Supervising Teacher, Social Science (1931) B.A., Heidelberg College; M.A., Ohio State University.
LAURABEL MOONEYSupervising Teacher, Physical Education (1941) B.S. in Education, Ohio State University.
REX MOORHEAD Supervising Teacher, Mathematics (1948) B.S. in Education, Bowling Green State University.
R. EUGENE MORSE Supervising Teacher, History (1930) B.A., Western Michigan College of Education: M.A., Columbia University
FERRIS W. MYRICE Supervising Teacher, Science (1929) B.A., Defiance College: M.A., Ohio State University
NELLIE M. RANDALL Supervising Teacher, English (1929) B.S. in Education, Bowling Green State University; M.A., Columbia University.
HAZEL V. UNDERHILL Supervising Teacher, English (1930) B.A., Michigan State Normal College; M.A., University of Michigan.
JEAN SAMPSON WEESTONSupervising Teacher, Mathematics (1948) B.S. in Education, Bowling Green State University.
WILLIAM H. WEESTON_Supervising Teacher, Business Education (1946) B.S., Rowling Green State University; M.A., Columbia University.
Bowling Green Senior High School
JOHN W. PARLETTE Principal (1937) B.A., Ohio Wesleyan University: M.A., Cornell University.
WALTER A. ALEXANDER Supervising Teacher, Agriculture (1924) B.S. in Agriculture, M.A. Ohio State University
ESTHER J. ALLMAN Supervising Teacher English (1947)
B.S., Ohio State University. ELMER L. BOYLES. Supervising Teacher, Mathematics (1916) B.A., Otterbein College; M.A., Ohio State University.
JOHN LAWRENCE CLARKE Supervising Teacher, Biology (1940) B.A., Ohio Wesleyan University; M.A., Ohio State University. KENNETH C. DOEHRING Supervising Teacher, Business
Education (1939)
B.S. Bowling Green State University; M.A., Columbia University. ALMA JEAN FOULDS Supervising Teacher, Physical Education (1950) B.S., Denison University.
JAMES R. GRABILL Supervising Teacher, Instrumental Music (1948) B.A., Oberlin College; M.A., Ohio State University.
WILMA GRANGER Supervising Teacher, Speech and Hearing Therapy (1948)
B.S. in Education, M.S. in Education, Bowling Green State University, ESTHER HAYHURST Supervising Teacher History (1938)
B.S. in Education, Bowling Green State University; M.A., University of Michigan.

THOMAS KINKADE Supervising Teacher, Physical Education (1949)
B.S., Ohio State University. RUBY D. LEVIER. B.S., M.A., Ohio State University. Supervising Teacher, Art (1928)
B.S., M.A., Ohio State University.
VIRGINIA A. MALLORY Supervising Teacher English (1944)
HAZEL M. MERCER Supervising Teacher Franch Formal Landing
B.S. in Education, Bowling Green State University: M.A. Columbia University
B.S. in Education, Bowling Green State University; M.A., Columbia University, MAURICE M. MERCER Supervising Teacher, Economics,
Insum allow (4000)
B.S. in Education, Bowling Green State University; M.A., Ohio State University. B.S. Wilmington, College M.A., Supervising Teacher, Science (1926)
Supervising Teacher Physical Planting (100m)
B.S., Miami University; M.A., Columbia University. Wilbur A. Rider. Supervising Teacher, Business Education (1931)
B.S. in Education, Bowling Green State University; M.B.A., Ohio State University.
MARGARET A. ROBSON Supervising Taggher Latin (1918)
RAYMOND RUBRAKE Supervising Teacher, Spanish, History (1924) B.A., Marietta College; M.A., Ohio State University.
Nunerniging Tonches Cocied Duell
HARRY O. STOUT Supervising Teacher, Chemistry (1920) B.S. in Agriculture, M.A., Ohio State University.
Number A. Swigart Supervising Teacher Industrial Auto (1999)
DUDETWAND LONCO PONT LINE 14000
R.S., Middle Tennessee State College; M.A., George Peabody College for Teach-

Hospital Staff

Dr. James W. Halfhill	Physician Physician
DR. WINSHIP H. BROWN	Associate Physician
HUBERT SCHWARZ	General Manager
	Nurses' Aid
CLARA CHARLTON	Registered Nurse
KATHLEEN COFFMAN	Registered Nurse
MILDRED GARRISON	Pharmacu Technician
LELA GRODT	Registered Nurse
MINNIE HARRIS	Registered Nurse
GERTRUDE MAGLOTT	Laboratory Technician
WANDA MOFFITT	Nurses' Aid
WINONA SCOTT	Registered Name
Marjorie Sheridan	Recentionint
	Registered Nurse
POSD WARTAN	Dietician
	Diotionit

Campus Police

WILLIAM J. ROHRS, Chief

RUSSELL M. BASCOM JOHN W. CROM DEWEY C. HARBIN

ALVA R. LEIN HAROLD TRAVIS RAYMOND H. WEBB *408—Partial Differential Equations (3) Krabill Partial differential equations with applications. Prerequisite: Mathematics 407. (2)

*409—Advanced Calculus (3)

Selected topics in advanced calculus. Prerequisite: Mathematics 202.

*410—ADVANCED CALCULUS (3)
A continuation of Mathematics 409. Prerequisite: Mathematics 409.
(2)

*412—Vector Analysis (3)

Vector and scalar algebra and geometry; differentiation, integration, and differential operators; general coordinates; harmonic functions; potentials; applications to electric theory and hydro-dynamics. Prerequisites: Mathematics 202; Physics 201; or consent of the instructor. Offered in 1952-53 and in alternate years.

Military Science and Tactics

Colonel Lucas (commanding officer); Major Horton; First Lieutenant Craley; Chief Warrant Officer Unterbrink; Master Sergeants Denn, Simpson, Taylor.

*101-102-MILITARY SCIENCE AND TACTICS I

(First year basic; 2 each semester) STAFF Introduction to military science, includes military organization; military policy of the United States; evolution of warfare; maps and aerial photographs; individual weapons and marksmanship; first aid and hygiene; leadership, drill, and exercise of command. Laboratory fee, \$2.00 each semester.

*201-202—MILITARY SCIENCE AND TACTICS II

(Second year basic; 2 each semester) Staff
Leadership, drill, and exercise of command; tactics and technique of
field artillery. Prerequisite: Military Science 102, or veteran with minimum of one year active duty. Laboratory fee, \$2.00 each semester.

(1, 2)

*301-302-MILITARY SCIENCE AND TACTICS III

(First year advance; 3 each semester) STAFF
Leadership, drill, and exercise of command; tactics and technique of
field artillery; gunnery; supply; evacuation. Prerequisite: Military
Science 202. Laboratory fee, \$2.00 each semester.

*401-402—MILITARY SCIENCE AND TACTICS IV

(Second year advance; 3 each semester) STAFF Military administration; military law and boards; military teaching methods; psychological warfare; branch tactics and technique; geographical foundation of national power; leadership, drill, and exercise of command. Prerequisite: Military Science 302. Laboratory fee, \$2.00 each semester.

Music

Professors McEwen (chairman), Kennedy; Associate Professors Fauley, Haven, Jensen, Spangler; Assistant Professors Alexander, Allen, Bohrnstedt**, Himmel**, Krieger, Marley, Yates**, Zuelzke; Instructors Cohen, Derrer, Ecker, Glasmire, McLaughlin, Tolbert, Troeger, Wilcox, Wykes; Mr. Curtis, Mr. Dennis.

COURSES IN THEORY, HISTORY, AND APPRECIATION

*101—SIGHT SINGING AND EAR TRAINING (2)
ALEXANDER
Fundamental principles of pitch and rhythm as a basis for solfeggio;
dictation for oral and written response. Four hours a week. (1)

** On leave of absence

*102—SIGHT SINGING AND EAR TRAINING A continuation of Music 101. Foundation of Music 101.	G (2) ALEXANDER ir hours a week. Prerequisite:
*103—NOTATION AND THEORY (2) Elementary theory; notation; scale; vals; triads; chords of the covered;	COHEN, WYKES s; key signatures: clefs: inter-

Elementary theory; notation; scales; key signatures; clefs; interallel: Music 101.

COHEN, WYKES vals; triads; chords of the seventh and ninth. Three hours a week. Parallel: Music 101.

*104—HARMONY (2)
Four-part writing; harmonic dictation; keyboard. Prerequisite:
Music 103, or equivalent. Parallel: Music 102.
*107 (307)—ELEMENTARY CONDUCTING. (2)

AND TERMINOLOGY (1) ECKER, WILCOX, ZUELZKE Basic terms and signs; fundamental conducting techniques. (1)

A continuation of Music 107. Prerequisite: Music 107. (2)

*201—SIGHT SINGING AND EAR TRAINING (2)
Prepared and sight-reading of advanced and harmonic dictation. Four hours a week.

ALEXANDER, McEWEN choral material; melodic Prerequisite: Music 102.

*202—Sight Singing and Ear Training (2) Alexander, McEwen A continuation of Music 201. Four hours a week. Prerequisite:

*205—HARMONY (2)

Nonharmonic tones; altered chords; modulations; harmonic counterpoint. Prerequisite: Music 104, or equivalent. (1)

A continuation of Music 205. Prerequisite: Music 205.

JENSEN
(2)

211 (241)—GENERAL MUSIC (2)

Fundamental music skills; reading by syllable; pitch and rhythm dictation; music appreciation; song singing. Four hours a week. (1)

212 (242)—GENERAL MUSIC (2)

A continuation of Music 211. Four hours a week. Prerequisite:

*301—CHORAL LITERATURE (1)
Reading and study of sacred and secular choral music from 16th to
20th century. Two hours a week. Prerequisite: Music 202. (1)

Simple and double counterpoint; analysis of works of 16th century or equivalent.

Jensen

Jensen

Godfred (2)

Jensen

Jensen

Godfred (2)

Jensen

Godfred

*304—ANALYSIS OF FORM (2)

Analysis of the larger forms of musical composition.

Prerequisite:

(2)

*305—HISTORY AND APPRECIATION (3)

General course; readings, reports, and recorded music; survey of

*305 Ukspers and Tecorded music; survey of

*306—HISTORY AND APPRECIATION (3)
A continuation of Music 305.

*309—Modern Modern (2)

*309—MODERN MUSIC (2)
An analysis course in recent and contemporary music.

*311 Cropper I

*311—CHORAL LITERATURE (1)

Reading and study of contatas, oratorios, and other choral compositions, classical and modern. Two hours a week. Prerequisite: Music 202.

*315—ORCHESTRATION (2) Scoring for orchestral choirs, ensembles, and full orchestra. Mabe repeated once for credit with permission of the chairman of the Mus Department. Prerequisite: Music 304.	ic
*316—Composition (2) Wyke Original composition in songs and instrumental forms. May be repeated once for credit with permission of the chairman of the Music Department. Prerequisite: Music 304.	e- e-
*317—MUSIC APPRECIATION (2) Enjoyment and understanding of music; hearing, lecture, and readings. Not open to special music students or to those having cred for Music 305 or 306. Laboratory fee, \$2.00. (1, 2)	d- it
*318—Symphonic Literature (1) A hearing course in the larger standard instrumental works. Intended primarily for students majoring in music. Prerequisite: Musical Conference of the conference	n-

205. Prerequisites or parallels: Music 305, 306. Laboratory fee, \$2.00.

*319—Symphonic Literature (1)
A continuation of Music 318. Laboratory fee, \$2.00.

*320—Band Arranging (2)

Wykes

0—BAND ARRANGING (2)

Scoring for band choirs, ensembles, and full band.

Wykes

(2)

COURSES IN MUSIC EDUCATION

Purpose and place of music in the general scheme of education. Two hours a week. 204—Introduction to Public School Music (1) A continuation of Music 203. Prerequisite: Music 203. 2051—Teaching of Music (2) Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. 352—Methods in Music Appreciation (2) The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2) 355—Methods in Secondary Music (2) Fauley
Two hours a week. 204—Introduction to Public School Music (1) A continuation of Music 203. Prerequisite: Music 203. 251—Teaching of Music (2) Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. 352—Methods in Music Appreciation (2) The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
A continuation of Music 203. Prerequisite: Music 203. (2) 351—Teaching of Music (2) Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. (1, 2) 352—Methods in Music Appreciation (2) The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
TROEGER Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. (1, 2) B52—METHODS IN MUSIC APPRECIATION (2) MCEWEN The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
Methods in music for students in Elementary Education Curriculum. Four hours a week. Prerequisite: Music 212. (1, 2) 852—METHODS IN MUSIC APPRECIATION (2) MCEWEN The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
Four hours a week. Prerequisite: Music 212. (1, 2) 352—METHODS IN MUSIC APPRECIATION (2) The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
Four hours a week. Prerequisite: Music 212. (1, 2) 352—METHODS IN MUSIC APPRECIATION (2) The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
The basis of music appreciation; subject matter and methods; preparing and teaching typical lessons. Prerequisite: Education 309. (2)
paring and teaching typical lessons. Prerequisite: Education 309. (2)
paring and teaching typical lessons. Prerequisite: Education 309. (2)
R55-Methons in Secondary Music (2)
TAUMSI
Subject matter and materials for music in the junior and senior high
schools. Prerequisites: Education 309, 310.
357—Instrumental Organization and Administration (2) Zuelzke
For elementary and secondary schools. (1)

COURSES IN APPLIED MUSIC

CREDIT REQUIREMENT—A minimum of 30 hours of applied music is required for students in public school music. All courses in applied music, including Music 100, 200, 300 may be used to meet this requirement.

Instruction—The basis for instruction in applied music except courses designated "class" is the half hour individual lesson. Work is graded according to the proficiency and experience of the student, and involves both technical study and standard performance literature. For students of public school music, attention is given to such special professional requirements as playing accompaniments and rhythms, and the proper use of the singing voice for teaching in the elementary and secondary schools.

PRACTICE—A minimum of 6 hours of practice a week a semester hour is required in piano and other instruments. In voice, 3 to 5 hours practice a week a semester hour is required.

RECITAL ATTENDANCE—Students majoring in music are required to attend 80 per cent of all student and faculty recitals and concerts, including those of the University Artist Series.

FEES—A fee of \$20.00 a semester is charged for each course in applied music except courses designated "class." The schedule of fees for rental of instruments is as follows:

Instrument	Rental Period	Fee
Piano (1 credit hour)	6 hours a week	
Piano (2 credit hours)	12 hours a week	\$ 5.00 a semester
Piano (each additional credit hour)	12 hours a week	8.50 a semester
Woodwinds	Channe .	3.50 each credit hour
Brasses	6 hours a week	5.00 a semester
Strings	6 hours a week	5.00 a semester
Two manual organ (1 credit hour)	6 hours a week	5.00 a semester
Two manual organ (2 credit hours)	6 hours a week	15.00 a semester
Two manual organ (each additional credit hour)	12 hours a week	25.00 a semester
Four manual organ		10.00 each credit hour
(Main Auditorium)	1 hour	.50 an hour
*125—PERCUSSION CLASS (1	l)	Dennis
*135—BRASS CLASS (1)		WILCOX
*136—CORNET CLASS (1)		WILCOX
*145-Woodwind Class (1)		
*147—CLARINET AND FLUTE	CLASS (1)	ZUELZKE
*185-186—STRING CLASS (2)	, ,	ECKER, ZUELZKE
*187-188-VIOLIN CLASS (2)		ALEXANDER
*131, *132, *231, *232, *331- INSTR	UMENTS (1 as 2 as - 2)	ALEXANDER
*141, *142, *241, *242, *341-	344—Woodwayn to-	GLASMIRE, WILCOX
*161, *162, *261, *262, *361- COHEN, HAVEN, JE	NSEN MARKET C	ich)
, , , , , , , , , , , , , , , , , , , ,	VOICE (1 or 2 eac	eh) _
*181, *182, *281, *282, *381-3	X4 VADINGOS T	
*191, *192, *291, *292, *391-3	each) ALEXANDER,	DERRER, McLaughlin
*235—FRENCH HORN CLASS (Organ (1 or 2 ea	ch) Curtis
*236—TROMBONE CLASS (1)	±)	WILCOX
*246-OBOE AND BASSOON CLA	Inc. (1)	GLASMIRE
*285—CELLO AND BASS CLASS	ras (1)	ECKER
DASS CLASS	3 (1)	ALEXANDER, DERRER

MUSICAL ORGANIZATIONS

According to the talent available, small vocal and instrumental ensembles are formed under the supervision of the department. Admission shall not exceed 4 hours.

STAFF

STAFF

Sembles are formed under the supervision of the department. Admission shall not exceed 4 hours.

(1, 2)

200—MUSICAL ORGANIZATIONS (½ a semester)

The Band, A Cappella Choirs, Men's Glee Club, Orchestra, and Treble Clef Club are open to all students of the University with the necessary musical ability. Not more than 8 hours earned in this way can be applied to any degree.

(1, 2)

300—SMALL ENSEMBLES (1 a semester)

Similar to Music 100, but for juniors and seniors. May be taken more than once, but the total credit earned shall not exceed 4 hours.

(1, 2)

Philosophy

Professor Tuttle (chairman); Associate Professor Nielsen.

*201—Introduction to Philosophy (3)

A study of the methods and problems of philosophy in relation to contemporary institutions.

(1. 2)

*202—ETHICS (3)

An inquiry into the meaning of good and bad, right and wrong; consideration of the views of the outstanding Greek, Christian, and modern thinkers on the nature of the good life.

(2)

*204—Aesthetics (3)

The nature and meaning of "Beauty," approached historically and applied to present day experience. Courses in the appreciation and history of art and music are of value in connection with this study. (2)

*206 (311)—Problems of Philosophy (3)

A more extended study of some of the fundamental and persistent philosophical problems treated in Philosophy 201.

Offered on demand

*301—Logic (3)

The following topics are examined: language analysis, including discussion of ambiguity, levels of meaning, figurative language; deductive reasoning; inductive reasoning.

(1)

*315—SEVENTEENTH CENTURY PHILOSOPHY (3)
A consideration of the great philosophical systems of the period:
Hobbes, Descartes, Spinoza, Locke, and Leibniz. (1)

*321—HISTORY OF ANCIENT PHILOSOPHY (3)

The development of the concepts of stability, change, and interdependence from Thales to the fall of Rome; a study of the sources of modern economic, political, social, and religious ideas and practices. (1)

*322—HISTORY OF MEDIEVAL AND MODERN PHILOSOPHY (3)

A survey of major concepts in the philosophies of Catholic Europe; the humanistic emphasis of the Renaissance; the rise of empiricism in England, of rationalism on the continent, and the resulting philosophy of Kant and his followers.

(2)

*323—HISTORY OF RELIGIONS (3)

A study of the "bibles" of six major living religions of the Far
East—Hinduism, Buddhism, Jainism, Confucianism, Taoism, and Shintoism—including inquiry into cultural backgrounds of India, China, and
Japan. (1)

*324—HISTORY OF RELIGIONS (3)

A study of the "bibles" of the four major living religions of the Near East—Zoroastrianism, Hebraism, Christianity, and Islam—including inquiry into the cultural backgrounds of Egypt, Babylonia, Israel, Greece, and Rome.

(2)

*402—PHILOSOPHY OF SCIENCE (3)

The nature and meaning of the presuppositions of science and the conclusions of the sciences as the data of philosophy. Offered in 1952-53 and in alternate years.

(2)

*412—EPISTEMOLOGY (3)

The origin, content, and validity of knowledge; the authoritarian, empirical, rational, pragmatic, correspondence, coherence, and intuitive interpretations of truth. Prerequisite: Philosophy 201, or consent of the instructor.

Offered on demand

*414—PHILOSOPHY OF BUSINESS (3)

A study of the underlying philosophies of business as applied by business men to the problems of management and labor, management and customers, and management and the community. Offered in 1951-52 and in alternate years.

*415—AMERICAN THOUGHT (3)

A survey of ideas of freedom from the earliest times through Thomas Paine, Thomas Jefferson, Ralph Waldo Emerson, Walt Whitman, and Offered on demand

*417—PHILOSOPHY OF RELIGION (3)

An historical study of the religious thoughts of the philosophers from ancient to modern times, the nature of religious knowledge, the existence of God, and the relation of God to the world.

Physical Education (See Health and Physical Education)

Physics

Associate Professor Singer (chairman); Professor Bowman; Assistant Professor McKay; Instructor Flamm; Mr. Codding**.

*100—INTRODUCTION TO PHYSICS (3)

A physics course designed primarily for the non-science student; a study of the major principles and concepts of physics with emphasis on the scientific approach to problems. This course cannot be used as part of a major or minor. Demonstration fee, \$1.00.

*201—COLLEGE PHYSICS (5)

Mechanics, heat, and sound for the technical students. Four lecture-recitations and one three-hour laboratory period a week. Prerequisite or parallel: Mathematics 201. Laboratory fec, \$3.00.

Magnetism, electricity, and light for the technical student. Four lecture-recitations and one three-hour laboratory period a week. quisite or parallel: Mathematics 202. Laboratory fee, \$3.00.

*203—General Physics (4)

Mechanics, heat, and sound. Three lecture-recitations and one three-hour laboratory period a week. Laboratory fee, \$3.00.

*204—GENERAL PHYSICS (4)

Magnetism, electricity, and light. three-hour laboratory period a week.

103. Laboratory fee, \$3.00.

*302—Sound and Supersonics (4)

STAFF

Three lecture-recitations and one Prerequisites: Mathematics 101,

(2)

Theory and experiments in sound and wave motion including introduction to supersonic phenomena. Three lecture-recitations and one three-hour laboratory period a week. Prerequisites: Mathematics 202; Physics 201, 202 or 203, 204. Laboratory fee, \$3.00.

(1)

Discussion and laboratory practice in vacuum and gas discharge tube characteristics, photoelectricity, cathode ray tubes, and audio, radio, and ultra high-frequency oscillators. Two lecture-recitations and two three-hour laboratory periods a week. Prerequisites: Mathematics 202; Physics 201, 202 or 203, 204. Laboratory fee, \$3.00.

[.] On leave of absence with U.S. Navy