# NATIONAL SOCIETY FOR THE STUDY OF EDUCATION

FIFTIETH YEARBOOK, PART I

Graduate Study in Education

# THE FIFTIETH YEARBOOK

OF THE

### NATIONAL SOCIETY FOR THE STUDY OF EDUCATION

## PART I GRADUATE STUDY IN EDUCATION

Prepared by the Society's Board of Directors

WILLIAM A. BROWNELL, HARL R. DOUGLASS, FRANK N. FREEMAN, T. R. McConnell, Ruth Strang, Ralph W. Tyler (Chairman), and Nelson B. Henry (Secretary)

Edited by
NELSON B. HENRY

Distributed by
THE UNIVERSITY OF CHICAGO PRESS
CHICAGO 37, ILLINOIS

1951

## Published by THE NATIONAL SOCIETY FOR THE STUDY OF EDUCATION 5835 KIMBARK AVENUE, CHICAGO 37, ILLINOIS

COPYRIGHT, 1951, BY NELSON B. HENRY Secretary of the Society

No part of this Yearbook may be reproduced in any form without written permission from the Secretary of the Society

The responsibilities of the Board of Directors of the National Society for the Study of Education in the case of yearbooks prepared by the Society's committees are (1) to select the subjects to be investigated, (2) to appoint committees calculated in their personnel to insure consideration of all significant points of view, (3) to provide appropriate subsidies for necessary expenses, (4) to publish and distribute the committee's reports, and (5) to arrange for their discussion at the annual meetings.

The responsibility of the Yearbook Editor is to prepare the submitted manuscripts for publication in accordance with the principles and regulations approved by the Board of Directors in the "Guide for Contributors."

Neither the Board of Directors, nor the Yearbook Editor, nor the Society is responsible for the conclusions reached or the opinions expressed by the Society's yearbook committees.

Published 1951
First Printing, 7,000 Copies

Printed in the United States of America

### OFFICERS OF THE SOCIETY

#### 1950-51

#### Board of Directors

(Term of office expires March 1 of the year indicated.)

WILLIAM A. BROWNELL (1952) University of California, Berkeley, California

EDGAR DALE (1954)\*
Ohio State University, Columbus, Ohio

HARL R. DOUGLASS (1953)
University of Colorado, Boulder, Colorado

Frank N. Freeman (1951) University of California, Berkeley, California

T. R. McConnell (1952) University of Buffalo, Buffalo, New York

RUTH STRANG (1954)\*\*
Teachers College, Columbia University, New York, New York

RALPH W. TYLER (1953) University of Chicago, Chicago, Illinois

Nelson B. Henry (Ex-officio) University of Chicago, Chicago, Illinois

Secretary-Treasurer
Nelson B. Henry (1951)
University of Chicago, Chicago, Illinois

<sup>\*</sup> Elected for three years beginning March 1, 1951.

<sup>\*\*</sup> Re-elected for three years beginning March 1, 1951.

### ASSOCIATED CONTRIBUTORS TO GRADUATE STUDY IN EDUCATION

- Kenneth J. Arisman, Chairman, Committee on Graduate Work, Department of Education, Ohio State University, Columbus, Ohio
- A. JOHN BARTKY, Dean, School of Education, Stanford University, Stanford, California
- James Buchanan, Director, Graduate Division, Kansas State Teachers College, Emporia, Kansas
- Hollis L. Caswell, Dean, Teachers College, Columbia University, New York, New York
- W. W. CHARTERS, Director Emeritus, Bureau of Educational Research, Ohio State University, Columbus, Ohio
- Francis M. Crowley, Dean, School of Education, Fordham University, New York, New York
- T. G. Foran, Head, Department of Education, Catholic University of America, Washington, D. C.
- CHARLES R. FOSTER, Head, Graduate Studies in Education, University of Florida, Gainesville, Florida
- CARTER V. Good, Dean, Teachers College, University of Cincinnati, Cincinnati, Ohio
- E. D. GRIZZELL, Dean, School of Education, University of Pennsylvania, Philadelphia, Pennsylvania
- ALICE H. HAYDEN, Director of Educational Research, University of Washington, Seattle, Washington
- CLYDE M. HILL, Chairman, Department of Education, Yale University, New Haven, Connecticut
- Francis Keppel, Dean, Graduate School of Education, Harvard University, Cambridge, Massachusetts
- HARLAN C. Koch, Assistant Dean, Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan
- ARTHUR H. LARSEN, Dean of the University, Illinois State Normal University, Normal, Illinois
- W. E. Lessenger, Dean, College of Education, Wayne University, Detroit, Michigan

- Daniel C. McIntosh, Dean of the Graduate School, Oklahoma Agricultural and Mechanical College, Stillwater, Oklahoma
- Milton G. Nelson, Dean of the College, New York State College for Teachers, Albany, New York
- WILLARD C. OLSON, Professor of Education and of Psychology and Director of Research in Child Development, University of Michigan, Ann Arbor, Michigan
- W. E. Peik, Dean, College of Education, University of Minnesota, Minneapolis, Minnesota
- E. T. Peterson, Dean, College of Education, State University of Iowa, Iowa City, Iowa
- A. M. Proctor, Professor of Education, Duke University, Durham, North Carolina
- CHARLES R. SPAIN, Dean of Instruction, George Peabody College for Teachers, Nashville, Tennessee
- J. W. Tilton, Associate Professor of Educational Psychology, Yale University, New Haven, Connecticut
- L. G. Townsend, Dean, College of Education, University of Missouri, Columbia, Missouri
- M. R. Trabue, Dean, School of Education, Pennsylvania State College, State College, Pennsylvania
- JOHN B. WHITELAW, Chairman, Department of Education, Johns Hopkins University, Baltimore, Maryland
- A. L. Winson, Director, School of Education, Cornell University, Ithaca, New York
- ARTHUR FRANKLIN ZIMMERMAN, Director, Graduate School, Colorado State College of Education, Greeley, Colorado

#### EDITOR'S PREFACE

This is the first of the Society's yearbooks to be devoted entirely to the consideration of the graduate division of the American system of formal education. In keeping with the purposes of the Society as a professional enterprise and in recognition of the professional significance of graduate study for all classes of its membership, the problem of the yearbook has been defined in terms of the peculiar functions of that branch of graduate instruction which is designed to serve the intellectual interests and professional needs of those whose present or prospective careers are identified with the field of organized education. In light of these purposes, it was considered appropriate for the Board of Directors of the Society to assume responsibility for the preparation of this yearbook instead of following the regular procedure of selecting a special committee to perform that service.

The yearbook deals with both theory and practice in the organization and administration of programs leading to higher degrees in teacher-education institutions. With the exception of the introductory chapter, which describes the development of graduate education in general in American colleges and universities, the volume is concerned with the present status of advanced training in the field of education. The chapters comprising Section I discuss recognized theories and clearly formulated objectives pertaining to the organization and administration of graduate study in this field. Section II includes examples of the application of such theories in the particular environment of each of twenty-eight institutions. These include twenty-three colleges and universities having a department or school of education within the institution and five separately organized colleges for teacher education. The selection of institutions to be included in Section II was intended to provide representation of the different types of institution as well as examples of different plans and procedures. Section III presents a summary review of salient features of programs currently operating in eighty-five institutions responding to the request of the Board of Directors for information regarding their plans and procedures.

In the preparation of this volume the Board of Directors of necessity solicited the aid of representatives of many institutions, and their cordial response is highly appreciated. Their reports on the work of their institutions were most helpful. It is a matter of regret that space could not be provided for expanding Section II so as to include such reports on a considerable number of additional institutions.

### TABLE OF CONTENTS

•	2 1070 74	PAGE
Officers of	F THE SOCIETY FOR 1950-51	iii
Associated	Contributors to Graduate Study in Education	v
Editor's Pr	REFACE	vii
CHAPTER		
I.	HISTORY OF GRADUATE INSTRUCTION IN THE UNITED	_
	STATES	1
	Significance of the Historical and Cultural Setting of	_
	an Institution	1
	Liberal-arts and European Backgrounds	2 4
	Our First Full-fledged Graduate School	5
	Early Standardization and Accrediting	6
	Changing Purposes and Expansion between and after Two World Wars	7
	Section I. Basic Concepts Underlying Graduate Programs in Education	
II.	The Functions of Graduate Departments and Schools of Education	10
	Rapid Growth of Graduate Departments of Educa-	
	tion	10
	Conflict and Confusion as to Purposes	10
	Possible Bases for Determining Purpose	12
	The Role of the University	14
	Criteria for the Functions of a Graduate Department of Education	14
	Research Appropriate to Graduate Schools	14
	Research Function of Graduate Departments of Edu-	11
	cation	16
	Educational Function of Graduate Departments Role of Other Departments in Training Graduate	17
	Students of Education	18

CHAPTER		PAGI
	Service Function of Graduate Departments Eliminating Confusion as to Purposes	19 20
III.	Organization within the University of Graduate Work in Education  T. R. McConnell Defining the Problems of Professional Education The Contribution of Basic Disciplines to the Scientific Study of Education Organizing and Administering Programs of Study Interdisciplinary Co-operation in Research	22 22 23 24 28
IV.	Professional and Scientific Objectives of Graduate Study in Education.  W. W. Charters  Professional Objectives  Scientific Objectives  The Interdependence of Science and Practice.  The Doctor of Education Degree.  The Foreign-Language Requirement.  The Preparation of College Teachers.  The Master's Degree.	30 32 33 36 38 39 40
V.	Means and Ends in the Scientific Study of Education	42 42 43 45 47
VI.	A CRITIQUE OF RESEARCH ON LEARNING AND ON INSTRUCTION IN THE SCHOOL.  W. A. BROWNELL Organization of the Chapter. Inadequate Evaluation of Instructional Objectives. Incomplete Criteria of Learning. Overconfidence in the Control-Group Technique. Underestimated Value of Simpler Research Techniques.  The Failure To Develop Devoted Research Workers	52 53 54 56 59 62 65

χi

CHAPTER		PAGE
IX.	DEFINING THE STANDARDS OF GRADUATE WORK IN	
	Education	114
	W. E. Lessenger	
	Introduction	114
	Standards and Institutional Accreditation	115
	Policies and Procedures of the Association	118
	Institutional Participation in the Development of an	
	Accrediting Program	<b>12</b> 0
	Analysis of Results of Questionnaire Inquiry	121
	Conclusion	136
	Section II. Illustrative Programs in Institutions Offering Graduate Programs in Education	
X.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF CALIFORNIA AT BERKELEY	137
	Frank N. Freeman	
	Types of Educational Service for Which Training Is	
	Provided	137
	Programs Leading to the Master's Degree	138
	Programs Leading to the Doctorate	139
	Organization and Administration of Graduate Pro-	
	grams in Education	
	Concluding Statement	142
XI.	GRADUATE PROGRAMS IN EDUCATION AT THE CATHOLIC	
	University of America	143
	T. G. FORAN	
	Functions and Policies of the Department of Educa-	
		143
	•	144
	The Doctor of Philosophy Degree through the De-	
	partment of Education	148
XII.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF CHICAGO	<b>150</b>
	RALPH W. TYLER	
	Administrative Control of Graduate Work in the	
	•	150
	Types of Educational Service for Which Training Is	
	Provided	
	The Purpose and Plan of the Master's Program	152

CONTENTS	xiii

CHAPTER		PAGE
	The Purpose and Plan of the Doctor's Program	153
	The Postdoctoral Program	
	Organization and Administration of Graduate Pro-	
	grams in Education	
	Problems Related to the Development of Degree Pro-	
	grams	155
	Concluding Statement	157
XIII.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF CINCINNATI	158
	CARTER V. GOOD	
	Joint Programs of Two Graduate Divisions	
	The Master's Degree Programs	
	Program for the Degree of Doctor of Education	163
XIV.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF COLORADO	166
	HARL R. DOUGLASS	
	The Master of Education Degree	166
	The Master of Arts and Master of Science Degrees	167
	The Doctor of Education Degree	167
	The Doctor of Philosophy Program	170
	Issues Relating to the Two Doctor's Degrees Selection of Potential Candidates for Graduate De-	171
	grees	172
	grees	112
XV.	GRADUATE PROGRAMS IN EDUCATION AT TEACHERS COL-	
	LEGE, COLUMBIA UNIVERSITY	174
	HOLLIS L. CASWELL	
	Types of Educational Service for Which Preparation	174
	Is Provided	174
	ment	174
	Admission of Students	176
	Program for the Master's Degree	177
	Program for the Doctorate	177
	Utilization of the Offering of the Graduate Faculties	
		179
	* *	180
	Provision for Individual Study	180
	Examinations	180

xiv CONTENTS

CHAPTER		PAGE
	Nondegree Study	181
	Continuous Study of Program	181
XVI.	GRADUATE PROGRAMS IN EDUCATION AT CORNELL UNI-	183
	VERSITY	100
	The Preprofessional Degree	183
	The Master of Science in Education Degree	184
	The Degree of Doctor of Education	185
xvii	GRADUATE PROGRAMS IN EDUCATION AT DUKE UNI-	
21111.	VERSITY	188
	A. M. Proctor	
	Admission to the Graduate School	188
	Advanced Degrees	188
	Requirements for the Degree of Master of Arts	189
	Requirements for the Degree of Master of Education	189
	The Program for the Doctor of Education Degree	190
	Distinctive Aims of the Ed.D. Program	192
XVIII.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF FLORIDA	194
	CHARLES R. FOSTER	
	Organization of the College of Education	194
	Relation of the College of Education to the Graduate	
	School	195
	The Master's Programs	
	The Nondegree Graduate Programs	
	The Doctor of Education Program	
	Some Problems	<b>20</b> 3
XIX.	GRADUATE PROGRAMS IN EDUCATION AT FORDHAM UNI-	
	VERSITY	205
	Francis M. Crowley	
	Organization and Administration of the School of	
	Education	205
	Purposes and Objectives of the Graduate Department	
	Nature and Requirements of Degree Programs	
	Master of Arts Programs	
	Master of Science Programs	208

CONTENTS

xv

CHAPTER		PAGE
	Programs for the Doctorate (Ph.D.)	
XX.	GRADUATE PROGRAMS IN EDUCATION AT HARVARD UNI- VERSITY	<b>2</b> 15
	Introduction	<b>2</b> 16
XXI.	GRADUATE PROGRAMS IN EDUCATION AT THE STATE UNIVERSITY OF IOWA	<b>22</b> 1
	General Policies of Organization	222 222 223 224
XXII.	Hopkins University	
	Four Degrees	230 231
XXIII.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVERSITY OF MICHIGAN	234
	HARLAN C. KOCH Preparation for Various Types of Services  Available Degrees  Extramural Opportunities for Graduate Study Some Basic Problems	235 236
XXIV.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVERSITY OF MINNESOTA	<b>24</b> 0
	Administration of Graduate School Programs in Education	

xvi CONTENTS

CHAPTER		PAGE
	Programs Leading to the Master of Arts Degree	
	Program Leading to the Doctorate	
	Programs Leading to the Master of Education Degree	
	Practical Experiences for the Graduate Student	
	Some Unsolved Problems	249
XXV.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF MISSOURI	251
	Organization and Administration	<b>251</b>
	Program for the Master of Arts Degree with a Major	
	in Education	
	Program for the Master of Education Degree	254
	Program of Study for the Doctor of Philosophy De-	
	0	<b>2</b> 56
	Programs of Study for the Doctor of Education De-	050
	gree	200
XXVI.	GRADUATE PROGRAMS IN EDUCATION AT THE OHIO	
	STATE UNIVERSITY	259
	KENNETH J. ARISMAN	000
	Administrative Organization	200
	·_	<b>2</b> 61
	Graduate Work in the Department of Education	
	Summary Statement	
3/3/3/11	•	_,_
XXVII.	GRADUATE PROGRAMS IN EDUCATION AT OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE	050
	Daniel C. McIntosh	272
	Relation of Graduate Programs to Undergraduate	
		272
	Organization of the Graduate School	272
	Program Leading to the Master's Degree	
	Program Leading to the Doctor of Education Degree	<b>27</b> 5
	Organization and Administration	276
XXVIII.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVER-	
	SITY OF PENNSYLVANIA	278
	E. D. GRIZZELL	
	Programs Leading to the Master's Degrees	
	Programs Leading to the Doctorate	280

	CONTENTS	xvi
CHAPTER	Administration of Graduate Programs in Education.  In Conclusion	
XXIX.	GRADUATE PROGRAMS IN EDUCATION AT THE PENNSYL- VANIA STATE COLLEGE	
	Educational Services for Which Preparation Is Given The Master's Degrees	285 286
XXX.	GRADUATE PROGRAMS IN EDUCATION AT STANFORD UNI- VERSITY	
<b>VVV</b> I	Meeting the Requirements of Professional Employment. Organization of Degree Programs. Master of Arts in Education. Master of Education (Ed.M.) Doctor of Education Doctor of Philosophy Residence Requirements Admission to Candidacy. Specific Course Requirements Specific Degree Requirements Continuing Problems	289 290 291 291 291 292 292 293
XXXI.	GRADUATE PROGRAMS IN EDUCATION AT THE UNIVERSITY OF WASHINGTON.  ALICE H. HAYDEN Introductory Statement.  The Aims of Graduate Study.  Administration of Graduate Programs in Education Admission to the Graduate School.  Admission to Advanced Degree Candidacy.  Degree Requirements Concluding Statement.	297 297 298 298 299 300
XXXII.	GRADUATE PROGRAMS IN EDUCATION AT YALE UNI- VERSITY	304
	Introduction	D A

CHAPTER		PAGE
	The Doctor of Philosophy Program	304
	The Master of Arts Program	309
	Professional Orientation	
	Co-operative Arrangements	
	Flexibility of Program	314
XXXIII.	GRADUATE PROGRAMS IN EDUCATION AT COLORADO	
	STATE COLLEGE OF EDUCATION AT GREELEY  ARTHUR FRANKLIN ZIMMERMAN	
	The Master's Degree	316
	The Advanced Graduate Diploma of Specialization	
	The Problem of Theses for Master's Candidates	
	The Doctor of Education Degree	318
	Publications of the Graduate School	319
	Administration of the Graduate School	319
XXXIV.	GRADUATE PROGRAMS IN EDUCATION AT ILLINOIS STATE	
	NORMAL UNIVERSITY, NORMAL, ILLINOIS	
	The Graduate Program	320
	Admission to the Graduate School	321
	Requirements for the Master's Degree	322
XXXV.	GRADUATE PROGRAMS IN EDUCATION AT KANSAS STATE	
	TEACHERS COLLEGE, EMPORIA, KANSAS	
	General Provisions of the Master's Degree Program.	
	Specific Requirements for the Master's Degree  Types of Educational Service for Which Training Is	324
	Provided	325
	New Programs Being Developed	
XXXVI.	GRADUATE PROGRAMS IN EDUCATION AT NEW YORK	
	STATE COLLEGE FOR TEACHERS, ALBANY, NEW YORK MILTON G. NELSON	328
	Integration of Graduate and Undergraduate Programs	328
	Personality Rating of Candidates for Master's De-	
	gree	οοU
	Types of Educational Service for Which Training Is	221
	Provided	
	The Advisory Program	ეექ ეე 4
	Evaluation of the Graduate Program	<b>JJ4</b>