

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 19, 1952



The June meeting of the Board of Trustees of the University of Illinois was held in the Office of the Dean of the Chicago Undergraduate Division, at Navy Pier, Chicago, Illinois, on Thursday, June 19, 1952, beginning at 12:30 p.m., Central Daylight Saving Time.

The following members were present: Mr. John R. Fornof, Mr. Harold E. Grange, Mr. Wirt Herrick, Mr. Robert Z. Hickman, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megrn, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins. Governor Adlai E. Stevenson was absent.

Also present were President George D. Stoddard, Provost C. R. Griffith, Vice-President A. C. Ivy, Dean C. C. Caveny, Mr. J. F. Wright, Director of Public Information, Mr. C. Lincoln Williston, Manager of Public Information for the Chicago Professional Colleges, Mr. H. A. Hazleton, Business Manager for the Chicago Professional Colleges, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following reports and recommendations from the President of the University.

**APPOINTMENT OF RICHARD J. WINZLER AS HEAD OF
THE DEPARTMENT OF BIOLOGICAL CHEMISTRY**

(1) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Richard J. Winzler, Professor of Biochemistry at the University of Southern California School of Medicine, as Professor and Head of the Department of Biological Chemistry in the College of Medicine on indefinite tenure beginning July 1, 1952, at an annual salary of \$11,500 (AY).

This is to fill the vacancy created by the resignation of Dr. Otto A. Bessey. Associate Professor S. B. Binkley has been serving as Acting Head of the Department.

I concur.

On motion of Mr. Johnston, this appointment was approved.

**APPOINTMENT OF MIODRAG MUNTYAN AS DIRECTOR
OF THE UNIVERSITY PRESS**

(2) The directorship of the University Press has been a part-time position since it was established in 1918. Mr. H. E. Cunningham, the first Director, served also as Secretary of the Board of Trustees. The present Director, Dr. Wilbur Schramm, is also Dean of the Division of Communications and Research Professor of Journalism and Communications. Dean Schramm advises me that it has become increasingly clear that for the best interests of the University and of the Press, it should have a full-time head with full responsibility and authority. His judgment has been confirmed by other members of the faculty whose administrative and research responsibilities have close relationships with the functions of the Press. Dean Schramm has asked to be relieved of his duties as Director of the University Press, effective on the appointment of a successor.

Accordingly, I recommend the appointment of Mr. Miodrag Muntyan, now Executive Editor (with the rank of Assistant Professor) of the University Press, as Director (with the rank of Assistant Professor), effective July 1, 1952, at an annual salary of \$8,000 on a Y basis. He has been a member of the University Press staff since 1933, starting as a part-time editorial assistant, and has grown with it. He is highly regarded in the university publishing field not only by members of the University of Illinois faculty but by executives of other university presses.

On motion of Mr. Nickell, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. GEORGE E. ANNER, Associate Professor of Electrical Engineering, beginning September 1, 1952, at an annual salary of \$5,750 (A).

2. SAMUEL M. FUTRAL, JR., Assistant Professor of General Engineering Drawing, Chicago Undergraduate Division, beginning September 1, 1952, at an annual salary of \$5,200 (D).

3. FRANCIS E. LOW, Assistant Professor of Physics, beginning September 1, 1952, at an annual salary of \$5,700 (D).

4. GEORGE F. SCHRADER, Assistant Professor of Mechanical Engineering, beginning September 1, 1952, at an annual salary of \$5,300 (D).

5. NELLIE K. SEHL, Assistant Professor of Nursing, School of Nursing, Chicago Professional Colleges, beginning September 1, 1952, at an annual salary of \$6,000 (DY).

On motion of Mrs. Watkins, these appointments were confirmed.

CHANGES IN SABBATICAL LEAVES OF ABSENCE FOR 1952-1953

(4) I recommend the following changes in sabbatical leaves of absence approved by the Board of Trustees for 1952-1953:

- ARCHIBALD W. ANDERSON, Professor of Education, leave to be for the second semester on full pay instead of the first semester.
 M. ZBIGNIEW KRZYWOBLOCKI, Professor of Aeronautical Engineering, cancellation without prejudice of leave of absence for the second semester on full pay.
 R. W. JUGENHEIMER, Professor of Plant Genetics, from leave of absence for the first semester on full pay to leave of absence for one year beginning July 1, 1952, on one-half pay.

On motion of Mr. Grange, these changes were approved.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(5) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who have qualified under Section 4b of the Accountancy Act of 1943, as amended, by passing examinations given by the Special Board of Examiners at various times prior to December 6, 1951. The certificates of these candidates were invalidated by the Circuit Court of Cook County in 1951 holding Section 4b of the Accountancy Act as originally passed unconstitutional. Subsequently, the Section was amended. These candidates have again qualified but new certificates will have to be issued.

EMANUEL I. GOLDFINE (Chicago)

MILTON TAUBER (Chicago)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>City</i>	<i>State from Which They Obtained Certificates</i>
JACK AIGH HORWITZ	Chicago	North Carolina
ROBERT JOHN KOLF	Dubuque, Iowa	Iowa
BERNARD LISS	Chicago	District of Columbia
JAMES JOSEPH MCCARTHY	Westchester	District of Columbia
CARLIN PAUL OLIPHANT	Collinsville	Missouri
DONALD JOSEPH RICE	Belleville	Missouri
WILLIAM JOSEPH TINEN	Northbrook	District of Columbia
HOWARD RICHARD WALSH	Chicago	District of Columbia

I concur.

On motion of Mr. Megran, these certificates were awarded.

DEGREE OF DOCTOR OF PHILOSOPHY IN MUSICOLOGY

(6) The Faculty of the School of Music and the University Senate recommend the establishment of a curriculum leading to the degree of Doctor of Philosophy in Musicology to be set up as follows:

This degree will be offered in such fields of music as merit and demand research methods. It is intended for those applicants whose interest lies in research in the history of music, the theory of music, the psychology of music, comparative musicology, aesthetics, and generally the relation of music to social life and thought. The proposed Ph.D. program in Musicology is based on the requirement of a minimum of twenty-four units of graduate credit, eight of which will be in Music 493 (Research) and will be devoted to the completion of an original doctoral thesis.

Requirements for Admission

In addition to meeting the general requirements for admission to the Graduate College, an applicant will be admitted to the program only upon recommendation of the Graduate Committee of the School of Music, which will consider each application to ensure that:

(a) The student is prepared to undertake the advanced program by having successfully completed work equivalent to that expected by the School of Music from students holding the Bachelor of Music degree with major field in the History and Theory of Music.

(b) The student is prepared to undertake the advanced program by an adequate background in the liberal arts and sciences. To this end, students will be expected to demonstrate a competence equivalent to that of the successful completion of elementary courses in each of the following: two semesters of college mathematics, two semesters of a physical or biological science, two semesters of psychology or a social science, two semesters of European history or American history or history of civilization, two semesters of English or other literature, two semesters of philosophy.

The Graduate Committee of the School of Music reserves the right to require a student to reinforce his preparation in the following areas, when these are relevant to his program of study, by the successful completion of at least two semesters of study beyond an elementary level: European history (ancient, medieval, modern) or American history; English or other literature; aesthetics, art history, or history of ideas.

(c) The student has promise of superior ability and outstanding achievement, qualities commonly expressed by an average of higher than 4.25 in the student's previous graduate work though other indications will also be evaluated; but in no case will admission to the doctoral program be granted to a student who has maintained a graduate average of less than 4.0, or who has had the equivalent of two units of work below B in his previous graduate study.

(d) The student is adequately prepared to pursue the doctoral program as determined by examinations administered by the Graduate Committee of the School of Music, including examinations in applied music, theory of music, and history of music. An unsatisfactory showing in any of these examinations by an applicant who meets other prerequisites may lead to provisional acceptance, but such students will be expected to pass all examinations during their first year of work.

Degree Program

After admission to the Ph.D. program in Musicology, the student must fulfill all requirements of the Graduate College pertaining to residence, number of units of graduate work, thesis, examinations, calendar, grades, major and minor fields, and foreign languages.

Admission to candidacy will be recommended only after successful completion of the following:

(a) Sixteen units of graduate credit, at least twelve of which must be in the field of music and include Music 322, 338, 346, 347, 438, 439, 444, and 445, plus a minimum of two units each in one or two of the following minor fields: history, philosophy, psychology, related arts, English or other literature, sociology, classics, anthropology, acoustics, electrical engineering, journalism, or education. Other minor fields may be accepted upon recommendation of the major adviser. No more than two of the sixteen units may be in applied music.

(b) In addition to the general requirements of the Graduate College pertaining to foreign languages, an examination in one or more additional foreign languages where, in the opinion of the Graduate Committee, such ability is necessary for proper research in the student's field of concentration.

(c) A preliminary examination administered by a committee appointed by the Dean of the Graduate College. This examination will consist of a written examination on the history of music; a written examination in the area of the student's field of concentration; the submission at least a month prior to the written examinations of a score of a free composition, a fugue or an instrumentation project, of a nature approved by the Graduate Committee of the School of Music; and an oral examination on the general field of musicology and on the results of the written examinations.

I concur.

On motion of Mrs. Holt, this curriculum was authorized.

CHANGES IN MASTER'S DEGREES IN ART

(7) The Faculty of the College of Fine and Applied Arts and the University Senate recommend the following changes in the titles, admission requirements, and programs leading to the several master's degrees offered in the Department of Art.

For students whose major field is art education or art history, the name of the degree to be conferred shall be Master of Arts, rather than Master of Fine Arts, as heretofore. It is further proposed that candidates for admission to the master's degree program in art education must have a teaching certificate in their field, or be eligible for one.

For students whose major field is design or painting and graphics, the name of the degree shall continue to be Master of Fine Arts, the requirement of eight units of study shall be increased to twelve and the areas of study shall be extended as indicated in the following revised requirements.

Design Major

To qualify for the degree, with a major in design, each student is required to complete successfully all of the following courses to the minimum of twelve units. A thesis is required.

Art 491, Special Problems, 1 to 3 units

Art 493, Seminar, 1 unit

Art 477, Design Laboratory, 4 to 6 units

Art History (two courses elected from the group Art 311 through Art 318), 1½ units

Art Electives (Art 333, 341, 351, 355, 371, 372, 494, and Art History), 2 to 3 units

Painting and Graphics Major

To qualify for the degree, with a major in painting and graphics, each student is required to complete successfully all of the following courses to the minimum of twelve units. A thesis is required.

Art 341, Painting Materials and Techniques, ½ unit (substitution of credit in other courses may be made for this subject by permission of Departmental Graduate Committee)

Art 491, Special Problems, 1 to 3 units

Art 493, Seminar, 1 unit

Art 495, Painting Laboratory, 2 to 6 units

Art 497, Graphics Workshop, ½ to 6 units

Art History (two courses elected from the group Art 311 through Art 318), 1½ units

Art Electives (Art 351, 371, 372, 494, and Art History), 1 to 2 units

I concur.

On motion of Mr. Nickell, these changes were approved.

DEGREE OF MASTER OF SCIENCE IN RECREATION

(8) The Faculty of the School of Physical Education and the University Senate recommend establishment of a graduate program leading to the degree of Master of Science in Recreation to be set up as follows:

Requirements for Admission

(a) A minimum grade-point average of 3.5 for all courses taken during the last two years in earning the bachelor's degree; (b) thirty semester hours of approved undergraduate credit in recreation or closely allied courses; (c) fifteen semester hours in the social and psychological sciences; (d) eight semester hours of undergraduate credit in the natural sciences; and (e) a course in tests and measurements or statistics. Applicants lacking a portion of the prerequisites under item (b) may substitute certified professional field experience, not to exceed eight semester hours. Students will not be admitted on limited status.

Requirements for Graduation

(a) Four units of credit in approved courses in recreation, education, political science, psychology, social work, and sociology; (b) two units of approved electives to be chosen in art, botany, geology, health education, landscape architecture, literature, music, physical education, speech, and zoology; (c) registration in and satisfactory completion of Recreation 490 (Seminar) for one semester, without credit; (d) presentation of an acceptable thesis in recreation (two units).

Candidates may petition for a waiver of the thesis requirement. Those who are excused are required to secure two units of credit in lieu of thesis credit and in addition are required to take and pass a final comprehensive written examination in recreation.

I concur.

On motion of Mr. Fornof, this curriculum was authorized.

CHANGES IN REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

(9) The Faculty of the College of Law and the University Senate recommend that the requirements for graduation with the degree of Bachelor of Laws be amended to read as follows:

All students who enter the College of Law as candidates for the degree of Bachelor of Laws are required, as conditions for graduation with that degree (a) to enroll in and complete the work in all courses listed in the law curriculum for first-year students, and (b) to enroll in and complete the work in at least one seminar course listed in the law curriculum for advanced students.

Students entering after September 1, 1952, will be subject to the requirements as amended.

I concur.

On motion of Mr. Herrick, these changes in graduation requirements were authorized as recommended.

DEGREE OF BACHELOR OF SCIENCE IN NURSING

(10) The faculty of the School of Nursing and the University Senate recommend establishment of the following program leading to the degree of Bachelor of Science in Nursing open to all holders of the Diploma in Nursing conferred by any of the hospital schools of nursing affiliated with the University of Illinois. At present these are Michael Reese Hospital, Presbyterian Hospital, St. Luke's Hospital, and Cook County Hospital, all in Chicago.

The program consists of four semesters, plus one summer session or half-semester of eight weeks. The first two semesters are in the College of Liberal Arts and Sciences, either in Urbana or at the Chicago Undergraduate Division, the third semester in the College of Liberal Arts and Sciences in Urbana, and the remainder in the University of Illinois School of Nursing, with residence as indicated.

Requirements for Admission

Admission shall be to the College of Liberal Arts and Sciences and will be granted upon fulfillment of the following conditions.

(a) Certification by the University of Illinois School of Nursing that the candidate holds the Diploma in Nursing from one of the affiliated schools, there received grades averaging 3.5 in theory and practice and is recommended by the affiliated school.

(b) Satisfaction of the requirements for admission to the general curriculum in the College of Liberal Arts and Sciences.

(c) Certification by the University of Illinois School of Nursing that the candidate has achieved on the Graduate Nurse Test Battery of the National League of Nursing Education a score not lower than $1\frac{1}{2}$ s.d. below the mean of collegiate norms for each of the clinical fields. This certification shall entitle the candidate to a block credit of forty semester hours in Clinical Nursing.

(d) Certification by the University of Illinois School of Nursing that the candidate has passed examinations (as set by the National League of Nursing Education) for advanced standing in Microbiology (four semester hours) and Anatomy and Physiology (five semester hours).

(e) Passing of examinations for advanced standing in Rhetoric and Composition (six semester hours) and General Chemistry (five semester hours), administered by the appropriate departments of the College of Liberal Arts and Sciences.

(f) Failure to demonstrate proficiency in any or all of the fields listed under paragraphs (d) and (e) shall not preclude admission to the Continuation Program,

but shall require adding to the candidate's program appropriate courses in the subjects indicated. Courses taken for making up such deficiencies shall not in any case count as electives within the sixty semester hours of the Continuation Program.

Requirements for Graduation

Each candidate for the degree must earn 120 semester hours, including thirty hours of advanced work done in residence. Sixty of these hours shall be those specified in paragraphs (c), (d), and (e) under Admission, above. The remaining sixty hours, constituting the Continuation Program proper, must be passed with an over-all average of 3.0 and shall be made up as follows, subject to such rearrangement of courses or lengthening of the period of study as may be required because of entrance deficiencies, which should be removed within the first year.

First Year

(Navy Pier or Urbana)

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Chem. 105—Inorganic Chemistry and Qualitative Analysis ¹	5	Chem. 133—Elementary Organic Chemistry ¹	5
D.G.S. 141—Physical Science (or Physics 105 at Chicago).....	4	Humanities ²	4
Humanities ²	4	Psych. 150—Personality and Social Behavior.....	3
Electives ³	2 to 4	Electives ³	3 to 4
Total.....	15 to 17	Total.....	15 or 16

Second Year

FIRST SEMESTER (Urbana)	HOURS
Social Sciences.....	6 or 9
For students electing Community Nursing:	
Psych. 216—Child Psychology.....	3
Sociol. 220—Marriage and the Family.....	3
Sociol. 276—Sociology of the City, or Sociol. 277—Rural Sociology.....	3
For students electing Institutional Nursing:	
Psych. 250—Psychology of Personality.....	3
Psych. 255—Social Psychology, or Psych. 338—Abnormal Psychology, or Sociology 212—Culture Patterns and the Individual.....	3
Phil. 105—Moral Ideas and Practice.....	2
Ed. 211—Educational Psychology.....	3
Electives (other courses in social sciences, or courses in the biological sciences, or other courses with permission of the Director of the School of Nursing, to total at least 14 hours).....	15

SECOND SEMESTER (Urbana or Chicago)

Students transfer to the University of Illinois School of Nursing as candidates for the degree of Bachelor of Science in Nursing. Courses in this group will be offered alternately at the Chicago Professional Colleges and on the Urbana campus, if registration warrants.

Nursing 301—Introduction to Community Nursing (for students electing Community Nursing), or Nursing 300—Introduction to Management in Nursing (for students electing Institutional Nursing).....	3
Nursing 200—Principles of Health Teaching.....	2
Nursing 302—Seminar in Trends and Problems in Nursing Services.....	3
Electives (as required to bring total credit hours to 116 in this semester; minimum 3 hours)	

¹ Until revised sequence in chemistry is prepared and approved.

² A humanities general education sequence or courses in literature. May be deferred to senior year if student needs to remove deficiencies during the first year.

³ Suggested electives are mathematics, foreign language, history, literature, or music appreciation. Electives may be deferred until senior year if student needs to remove deficiencies during the first year.

SUMMER SESSION OR HALF SEMESTER

Nursing 311—Field Practice in Community Nursing (for students electing Community Nursing), or Nursing 310—Field Practice in Management in Nursing (for students electing Institutional Nursing).....4

Candidates will be admitted to the revised program beginning in September, 1952.

I concur.

On motion of Mr. Grange, this program was authorized.

ADVANCED CERTIFICATE IN MUSIC EDUCATION

(11) The Faculty of the School of Music and the University Senate recommend establishment of a program leading to the Advanced Certificate in Music Education set up as follows:

The program leading to the Advanced Certificate in Music Education shall consist of a minimum of one year of work beyond the master's degree and is designed to provide advanced professional preparation for music educators. It is a terminal program and students who become candidates for the Certificate will not be considered as beginning work leading to the degree of Doctor of Education with a major in Music Education.

Admission

A candidate for admission must hold a master's degree in music or music education from an accredited institution and must have maintained a B average in all previous graduate work. He must have completed satisfactorily at least two years of professional employment in music education.

At the first registration, placement examinations will be administered in music theory and applied music to determine the candidate's level of proficiency in those areas. A candidate whose level of proficiency is below that required by the University of Illinois for the Bachelor of Science degree in Music Education will be required to take work in addition to the course work prescribed in the section on Program.

Residence

The minimum residence requirement is one semester during which a minimum of three units is successfully completed, or two summer sessions during each of which a minimum of two units is successfully completed. All work for the Certificate may be completed in summer sessions.

Program

A minimum of eight units of course work beyond the master's degree is required. All of the course work must be taken on the Urbana campus of the University. Music 420 and 421 and either Education 411 or 412 are required. The remainder of the program will be based upon the student's needs and interests and upon the deficiencies revealed in the placement tests. No more than one unit of applied music may be counted toward the Certificate.

Students who at the time of first registration do not hold from the state in which they are employed a valid teaching certificate in music will be required to take courses sufficient to meet the certification requirements with the prior approval of the adviser. Courses in music which carry two-hundred numbers may be approved for graduate credit, not to exceed two units in all. Such credit will be computed at the rate of one-quarter unit for each semester hour, and will not be accepted in any degree program except the Advanced Certificate.

I concur.

On motion of Mrs. Holt, this program was authorized.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(12) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

1. College of Agriculture, equipment for south farm.....	\$ 6 000
2. Armed Forces, storage facilities in Armory.....	4 000
3. College of Education Clinic, remodeling.....	15 000
4. Department of Medical Social Work, equipment.....	4 500
<i>Total.....</i>	<i>\$29 500</i>

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

WATER RATES LITIGATION

(13) The Northern Illinois Water Corporation has appealed to the Circuit Court of Champaign County from the decisions of the Illinois Commerce Commission granting the Corporation approximately one-fourth of the rate increases it had requested.

In accordance with the previous authorization by the Board of Trustees, the University will join with the cities of Urbana-Champaign in contesting this appeal with the understanding that the University will pay thirty per cent of the costs incurred, as heretofore.

On motion of Mr. Herrick, these payments were authorized.

PATENTABLE DISCOVERIES

(14) The University Patent Committee submits the following reports and recommendations relating to potentially patentable discoveries.

1. William J. Fry, Research Assistant Professor of Electrical Engineering, and his wife, Mrs. Ruth B. Fry, have recently developed an acoustic probe which has possibilities of usefulness as a general laboratory instrument for measuring sound intensities in an acoustic field and thus may have commercial value. The University Patent Committee recommends that the University of Illinois Foundation be requested to negotiate with appropriate instrument manufacturers for the patenting, development, and manufacture of this instrument. In the event the Foundation finds it would not be feasible to seek patent protection, the Committee recommends that all rights be released to the United States Air Force, since the acoustic probe is a direct result of research conducted under a contract with the Air Force.

2. William J. Fry, Assistant Professor of Electrical Engineering, and Francis J. Fry, Research Associate in Electrical Engineering, have developed a variable resonant frequency transducer as a result of research work under a contract with the Department of the Navy. This transducer is intended primarily for use in underwater sound equipment. Since their disclosure is essentially an extension of an existing patent application by others, it could be considered only in terms of design patent possibilities. In view of this, the University Patent Committee questions the wisdom of spending funds on a patent application and recommends that all rights to this device which have been disclosed be released to the Navy.

3. Francis J. Fry has recently disclosed three inventions: an ultrasonic transducer, pressurized ultrasonic apparatus, and a three-coordinate positioning device developed as a result of research work under a contract with the Office of Naval Research. These devices, or modifications thereof, are of use primarily in highly specialized fields of biological and medical research and therefore are not likely to have any commercial value. Hence, the University Patent Committee recommends all rights to these inventions be released to the Navy.

4. G. E. Pickard, Professor in the Department of Agricultural Engineering, reports that John Orcutt, working under his supervision, has developed an improved fertilizer conditioner which may be patentable. It is effective in reducing caking which is a hindrance to satisfactory application of commercial fertilizers. In the opinion of the Head of the Department of Agronomy, a patent covering this conditioner would not provide sufficient protection for commercial development since other substances would give the same general effects as those ascribed to the conditioner reported by Professor Pickard. In view of this, the University Patent Committee believes that the University would not be justified in expending funds on securing a patent and recommends that all rights to this discovery be released to the discoverer.

5. Vernon J. Fowler, Research Assistant in Electrical Engineering, has reported an invention, transmission-line tubes, a new class of amplifying tubes for obtaining large amplifications of voltage and/or power over wide frequency bands

at frequencies from zero to one thousand or more megacycles per second, as the result of research work under a contract with the Office of Naval Research. As required by the contract, this device was disclosed to the Office of Naval Research which has expressed an interest in it. The Head of the Department of Electrical Engineering considers the device of fundamental importance and hence suitable for patent application by the University. The University Patent Committee recommends that the University of Illinois Foundation be requested to undertake a patent search and to secure protection for the device. In the event the University secures a patent, it must grant the Navy a royalty-free license under the terms of the contract. Should initial investigation disclose it would not be feasible to pursue the patent application, the Committee recommends that all rights to the invention be released to the Navy.

6. Ludwig F. Audrieth, Professor of Chemistry, and Ralph Gher, Jr., graduate student in chemistry, have developed a preparation of hydrazine derivatives of the phosphoric and phosphonic acids and their thio compounds and their aldehyde and ketone derivatives for use as agricultural chemicals. This substance appears to have an activity on plants equal to or greater than that of 2,4-D. If the initial evaluation is verified, it would appear that their discovery should be protected by patents. The University Patent Committee recommends that the University of Illinois Foundation be requested to negotiate with industrial organizations with respect to the development of, and secure patents for, this substance. Much development work by some industry remains to be done, and no organization can be expected to incur the expense involved without some assurance of profit. Hence the Committee recommends that the Foundation be authorized to negotiate an agreement on an exclusive basis.

7. Ludwig F. Audrieth, Professor of Chemistry, and Earle S. Scott, graduate student in chemistry, have developed compounds which are carbonic and thiocarbonic derivatives of hydrazine and which appear to have some use as fungicides. Since the substances are not new, no product patents could be obtained. Limited use patents are of dubious value and the University Patent Committee therefore recommends that all rights to this discovery be released to Messrs. Audrieth and Scott to be developed as they see fit.

8. William J. Fry and Francis J. Fry, of the Department of Electrical Engineering, have developed a multiple beam focused ultrasonic irradiator. The device is unique in that it provides a desired sound intensity in a particular region by using an array of transducers, each producing a low intensity focused beam, in such a manner that the beams are crossed in the selected region. The University Patent Committee is of the opinion that even though patent coverage can be secured, the utility of the device would be so limited that the expense of securing a patent would not be warranted. Accordingly, the Committee recommends that all rights for this invention be released to the Messrs. Fry to develop as they see fit.

I concur.

On motion of Mr. Megran, these recommendations were approved.

AMENDMENT OF POLICY AND RULES RELATING TO COMPENSATION AND WORKING CONDITIONS OF NONACADEMIC EMPLOYEES

(15) The Merit Board of the University Civil Service System of Illinois recommends to the member institutions adoption of uniform regulations relating to legal holidays, work week, overtime pay, disability leaves, and vacation allowances. The proposed rules are submitted herewith and in each case the change, if any, from the present policy of the University of Illinois is indicated.

I. Legal Holidays

A. Offices, laboratories, and shops will be closed and all employees in the System excused, except in emergency and for necessary operation, on the following holidays: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.

1. Employees in prevailing rate groups will be compensated in accordance with local prevailing practice.

a. If in any prevailing rate classification holidays in addition to those listed above are recognized in local prevailing practice, these holidays shall be recognized in relation to employees in these classifications in accordance with the condition herein provided.

2. Permanent and continuous employees not in prevailing rate groups will be excused with full pay.
- B. In the event that work is required
 1. Employees in prevailing rate groups will be compensated in accordance with prevailing practice.
 2. Other employees, except those in administrative classifications as approved by the Merit Board, will be compensated by time and one-half payable in cash, in addition to regular compensation.
 3. Administrative employees in classifications approved by the Merit Board shall receive no additional compensation.

II. *Work Week*

- A. Employees other than administrative
 1. All employees other than those in administrative classifications as approved by the Merit Board shall have a basic work week of forty hours, except as stipulated in agreements, or in local prevailing practice, or general community patterns.
 - a. Determination of the daily and weekly schedule within which these hours are to be worked is to be considered as subject to agreement between the individual institutions and their employees.
- B. In administrative classifications, it is understood that work will be performed as required by the position, but that insofar as possible the basic work week shall be forty hours.
 1. Individual institutions may determine with the approval of the Merit Board the level at which the employee becomes an effective part of management and therefore at what level his classification becomes administrative for the purpose of this paragraph.
- C. Except in operations where services are regularly required seven days a week, work performed on Sunday is overtime, to be compensated in cash at the overtime rate of time and one-half, or as stipulated in agreements.

III. *Overtime Pay*

- A. All time in excess of the units of hours constituting the work day or the work week is overtime and will be compensated as follows:
 1. For employees in prevailing rate groups, overtime will be compensated at time and one-half, unless under local prevailing practice a higher rate is paid in which case the local prevailing practice will be followed.
 2. For employees other than administrative not in prevailing rate groups, overtime will be compensated at time and one-half in cash.
 3. For employees in administrative groups for whom no fixed and rigid daily or weekly schedule is provided and the discharge of whose duties normally requires a certain amount of flexibility in such schedule, additional cash payment may be authorized at straight time for overtime required and worked in amounts excessive beyond normal expectation of the work schedule of the position.
- B. Paid time in which work is not performed shall count as working time toward the accumulation of overtime in any work week.
- C. By mutual agreement between a department and an employee, with the approval of the Director, the employee may work overtime with equivalent time off at straight time (in lieu of cash payment), such time off to be taken at some mutually agreeable time;
 1. Provided that this does not conflict with local prevailing practice.

IV. *Disability Leave with Full Pay*

- A. Each employee shall accumulate disability leave with full pay at the rate of one working day for each month of service until total accumulation is forty-five working days. Amount of leave accumulated at the time when any disability begins shall be available in full and additional leave shall continue to be earned while an employee is using that already accumulated. After an employee has accumulated a total of forty-five working days his rate of accumulation shall be reduced to one work day for each two months of service. There shall be no limit in the amount which may be accumulated at this rate thereafter. If use of available leave thereafter reduces the total to less than forty-five days, the accumulation will again be at the rate of one day per month until a new total of forty-five days is reached.

B. Disability leave may be used when it is necessary for an employee to be absent from work because of illness in his immediate household or family.

C. 1. Employees of the University of Illinois shall have transferred to their credit such cumulative disability leave as may have been credited to them as of the effective date of the policy here set forth.

2. Other employees of the System shall be credited as of the effective date of this policy, with the number of work days which equals the number of days in the employee's present work week times the number of years of his service to a maximum of ten times the number of work days in his present work week.

V. *Vacations with Full Pay*

A. For all employees in their first year of service

1. No vacation shall be available for employees with less than six months of service, but at the end of six months of employment, one-half of the first year's vacation as listed in B-1 and 2 shall be considered as earned and available, and the fractional amount of the first year's vacation shall be available thereafter in proportion to the fraction of the year worked.

B. For all employees in their second and succeeding years of service

1. For all employees having an established basic work week with additional compensation for overtime beyond that work week:

a. For those employees with less than ten years of service, vacation shall be two work weeks in each year of service.

b. For those employees with ten or more years of service, vacation shall be three work weeks in each year of service.

2. For all employees in administrative and professional classifications of upper level responsibility as approved by the Merit Board, for whom no fixed or rigid daily and weekly schedule is provided, and the discharge of whose duties usually requires a certain amount of flexibility in such schedule, and for whom no provision is made for the payment of overtime worked except when such overtime is in an excessive amount, one month in each year of service.

In most respects I endorse the recommendations of the Merit Board of the University Civil Service System of Illinois, but I should like to call attention to two items which, I believe, require further study and possible revision. The first is Item V, B, 1, b, which reads: "*V. Vacations with Full Pay. B. For all employees in their second and succeeding years of service . . . b. For those employees with ten or more years of service, vacation shall be three work weeks in each year of service.*"

Now this may appear to be a good resolution in principle, but there are certain factors to be considered, as follows:

1. This plan would exaggerate certain existing inequities between the prevailing and nonprevailing groups.

2. It would place an extra burden of expense on students with respect to cost of food and housing.

3. There are no funds budgeted for such an adjustment and about \$50,000 would be needed to implement it the first year, with some increases thereafter.

4. It affects the University more unfavorably with respect to cost than it does the other institutions because in the case of the other colleges and universities the increased cost is offset by the elimination of five extra holidays which were being paid for previously.

Also I have a question with respect to Item III, A, 3, which reads as follows: "*III. Overtime Pay. A. All time in excess of the units of hours constituting the work day or the work week is overtime and will be compensated as follows: . . . 3. For employees in administrative groups for whom no fixed and rigid daily or weekly schedule is provided and the discharge of whose duties normally requires a certain amount of flexibility in such schedule, additional cash payment may be authorized at straight time for overtime required and worked in amounts excessive beyond normal expectation of the work schedule of the position.*"

It occurs to me that we need a careful definition of the employees to be affected. Mr. Morey and Mr. Dickason believe that this statement could be revised so as to be explicit with respect to this question.

Accordingly, I recommend that the proposed amendments be deferred for further study and for a report by November 1, 1952. If it is then decided to put into effect the extra vacation allowances, we can place the expense item properly in the next biennial budget.

Mr. Grange, Chairman of the Merit Board, discussed the recommendations made by that Board.

On motion of Mr. Grange, the statements of policy recommended by the Merit Board with respect to Work Week, Overtime Pay, and Disability Leave with Full Pay were approved, and action on Legal Holidays and Vacations with Full Pay was deferred pending further consideration by an appropriate committee of the Board of Trustees. President Livingston referred these two recommendations to the Committee on Nonacademic Personnel and the Committee on General Policy for consideration jointly and report to the Board.

**CONTRACT FOR STONEMWORK REPAIRS ON DENTISTRY-
MEDICINE-PHARMACY BUILDING**

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$7,760 to Knut Upstrom, Chicago, the lowest bidder, for stonework repairs on the second unit of the Dentistry-Medicine-Pharmacy Building. This unit was constructed in 1937. Some of the stonework at the top of the fifteen-story tower has loosened and shifted in several places which creates a hazardous situation.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

**CONTRACT FOR REROOFING DRILL HALL AT
CHICAGO UNDERGRADUATE DIVISION**

(17) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$3,180 to the Esko Roofing Company, Chicago, the lowest bidder, for reroofing the Drill Hall at Navy Pier. Under the terms of the lease with the city of Chicago such repairs are the obligation of the University.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Nickell, this contract was authorized.

**CONTRACT FOR REMODELING QUARTERS AT
CHICAGO UNDERGRADUATE DIVISION**

(18) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$5,873 to the Mueller Construction Company, Chicago, the lowest bidder, for remodeling of quarters at Navy Pier to provide offices and storeroom space needed for the Air Force Reserve Officers' Training Corps program.

The Board of Trustees has already appropriated funds for this work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Grange, this contract was authorized.

**CONTRACT FOR LANDSCAPING ON ANIMAL SCIENCES
AND VETERINARY MEDICINE BUILDINGS AREAS**

(19) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$21,000 to Ralph Synnestvedt and Associates, Glenview, Illinois, the lowest bidder, for landscaping the sites of the Animal Sciences Laboratory and the Veterinary Medicine Building.

Funds are available in the state appropriations for the construction of these buildings: \$11,200 to be charged to the appropriation for the Animal Sciences Laboratory and \$9,800 to be charged to the appropriation for the Veterinary Medicine Building.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Johnston, this contract was authorized; Mrs. Holt voted "No."

CONTRACT FOR CONSTRUCTION OF SMALL HOMES COUNCIL FIELD TRIAL LABORATORY

(20) Housing research at the University indicates the value of certain new techniques and design details. To obtain a final evaluation of these research results, the Small Homes Council proposes a field trial by building a structure the size and shape of a family dwelling but erected as a shell. In this building the following trials and tests will be made: floating slab foundation, closet wall and storage assemblies, low-cost storm windows, long-span roof construction, modular wall construction, and observation of condensation on concrete floors during summer months.

The Director of the Small Homes Council and the Comptroller recommend award of a contract for \$11,600 to Leroy V. James, Urbana, the lowest bidder, for the construction of this building.

Funds accumulated from the sale of Small Homes Council bulletins are available for this contract.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACTS FOR MINOR ALTERATIONS

(21) The Board of Trustees has been awarding contracts from year to year for minor alterations and remodeling at Urbana-Champaign on a cost-plus basis. The present contracts will expire June 30, 1952.

Work under such contracts is initiated upon orders of the Physical Plant Department which are subject to approval by the Comptroller and to availability of funds. Contractors are employed on jobs which are so small, not exceeding \$5,000 for any one authorization, or are of such character that it is not feasible to take competitive bids. This procedure has the advantage of permitting immediate starting of work after the Board of Trustees has approved the expenditure of funds, and it eliminates the expense of preparing drawings and specifications which would be required in securing bids.

The Director of the Physical Plant and the Comptroller recommend the award of cost-plus contracts, as follows, based on competitive bids, for the fiscal year beginning July 1, 1952, with the understanding that no orders will be placed after June 30, 1953, and that all work will be handled in accordance with established procedure:

General Work—Contracting Construction Company, Danville	Material	Percentage of Charges for		
		Labor	Subcontracts	Merchandising
On jobs				
Up to \$500.....	10	30	10	20
From \$500 to \$1,000.....	10	30	8	20
From \$1,000 to \$3,000.....	10	25	8	20
Over \$3,000.....	8	22½	7	20
Plumbing and Heating Work— Reliable Plumbing and Heating Company, Champaign				
On jobs				
Up to \$250.....	33⅓	33⅓	15	10
From \$250 to \$1,000.....	30	30	15	10
From \$1,000 to \$3,000.....	27	27	15	10
Over \$3,000.....	25	25	15	10
Electrical Work—Potter Electric Service, Urbana				
On jobs				
Up to \$200.....	20	30	12	15
From \$200 to \$1,000.....	20	25	12	15
Over \$1,000.....	20	20	12	15

<i>Material</i>	<i>Percentage of Charges for</i>		
	<i>Labor</i>	<i>Subcontracts</i>	<i>Merchandising</i>
Ventilating and Sheet Metal			
Work—Schroeder's Ventilating,			
Champaign			
On jobs			
Up to \$250.....	30	35	10
From \$250 to \$1,000.....	24	30	10
From \$1,000 to \$3,000.....	22	28	10
Over \$3,000.....	22	26	10

The awards recommended for the general, heating and plumbing, and ventilating and sheet metal contracts are to the lowest bidders. In the case of the electrical work, it will be seen from the schedule of bids that the bidding was so close, with variations up and down between the contractors, that to determine the effective lowest bid all bids were evaluated in terms of past experience by applying them to the same proportions of material, labor, subcontracting, and merchandising overhead charges previously paid under this type of contract. This analysis shows that the following summation of the percentages is to be expected:

Potter Electric Service.....	26.35 per cent
Bland-Midwest Electric.....	26.51 per cent
Square Deal Electric.....	28.30 per cent

I recommend that these contracts be awarded in accordance with the terms and conditions stated, the Comptroller to report to the Board periodically on all contracts initiated.

On motion of Mr. Fornof, these contracts were authorized.

CHANGE IN CONTRACT WITH WADEFORD ELECTRIC COMPANY FOR ELECTRICAL WORK ON ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(22) The Director of the Physical Plant and the Comptroller recommend the following changes in the contract with the Wadeford Electric Company, Chicago, for electrical work in the construction of the addition to the Research and Educational Hospitals:

Changes in electrical control equipment, an increase of.....\$3 322 30

This change is necessary because the contractor was unable to submit for approval at the time the contract was executed the details of the mechanical equipment to be used in this installation due to the shortage of critical materials. When equipment became available and was submitted for approval, it was found necessary to revise the electrical interlocking of the control centers.

Alterations in electrical installations for X-ray equipment, an increase of. 3 263 70

At the time base bid drawings were prepared, it was not known which make of X-ray equipment would be used as bids had not yet been taken on such equipment. It was anticipated that some alterations in the base bid drawings and specifications would be necessary to provide for the X-ray equipment finally purchased.

Total\$6 586 00

Funds are available in the state appropriation for the construction of this building and have been released by the Governor.

I concur and recommend that the Comptroller be authorized to execute these changes in the contract.

On motion of Mr. Johnston, this increase in the contract was authorized.

PURCHASES

(23) The Director of Purchases has proposed and the Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Universal type photomicrographic apparatus, complete with combination illuminating system for polarized transmitted light and accessories	Ceramic Engineering	W. H. Kessel & Co., Chicago	\$3 074 50 f.o.b. delivered
One vibrating reed electrometer, complete with turret switch for resistors and multiple recorder	Chemistry	Applied Physics Corp., Pasadena, Calif.	2 810 00 f.o.b. Pasadena, Calif.
Laboratory glassware for stock in the General Chemical Stores for the fall and winter terms of 1952-1953	General Chemical Stores	A. S. LaPine & Co., Chicago	11 546 34 f.o.b. Urbana
Laboratory apparatus to be used as stock in General Chemical Stores for the summer and fall terms of 1952	General Chemical Stores	Schaar & Co., Chicago Rascher & Betzold, Inc., Chicago A. S. LaPine & Co., Chicago Fisher Scientific Co., St. Louis, Mo. Wilkens-Anderson Co., Chicago E. H. Sargent & Co., Chicago A. Daigger & Co., Chicago A. S. Aloe Co., St. Louis, Mo. Chicago Apparatus Co., Chicago Central Scientific Co., Chicago	2 496 32 1 151 89 734 27 695 41 472 12 432 98 237 72 171 01 78 84 28 59 Freight allowed by Fisher Scientific Co.; all others f.o.b. delivered
Laboratory chemicals to be used as stock in General Chemical Stores for the summer and fall terms of 1952	General Chemical Stores	General Chemical Co., Chicago Mallinckrodt Chemical Works, St. Louis, Mo. Merck & Co., St. Louis, Mo. Schaar & Co., Chicago E. H. Sargent & Co., Chicago Rascher & Betzold, Inc., Chicago A. S. LaPine & Co., Chicago Chicago Apparatus Co., Chicago Fisher Scientific Co., St. Louis, Mo. Pfanstiehl Chemical Co., Waukegan A. Daigger & Co., Chicago	7 968 64 1 468 41 833 70 830 94 812 41 636 83 483 62 304 36 297 87 110 40 41 75 all f.o.b. delivered
Twelve operating tables with stainless steel tops and hydraulic lifts	Veterinary Medicine	Haver-Glover Laboratories, Kansas City, Mo. Jensen-Salsbery Labora- tories, Inc., Kansas City, Mo.	1 458 00 f.o.b. Urbana 1 458 00 f.o.b. Urbana
27,000 Illinois Farm Record books to be printed	Agricultural Economics	Howard Press, Peoria	3 575 00 f.o.b. Urbana
Laboratory furniture for an addition to the third-floor corridor in the Natural History Building (the laboratory is being set up for a special research program in the Botany Department)	Physical Plant	E. H. Sheldon Equipment Co., Muskegon, Mich.	4 621 40 f.o.b. Urbana
Incandescent and fluorescent lamps for use at Urbana and Chicago during the period July 1, 1952, to June 30, 1953 (estimated on \$40,000 list value)	Physical Plant Storeroom	Tepper Electric Supply Co., Champaign	20 972 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Optical goods including services and repairs of spectacles for patients at the Illinois Eye and Ear Infirmary, 904 West Adams Street, Chicago, as required on prescriptions and authorization of the Infirmary staff, for the period July 1, 1952, through and including June 30, 1953. The total number of prescriptions will be approximately 9,000 based on University experience records.	Illinois Eye and Ear Infirmary, Chicago Professional Colleges	Uhlemann Optical Co., Chicago	45 000 00
Sixteen rain gauge, recording type, weighing bucket 12.648", clock mechanism for six hours	State Water Survey	Freiz Instrument Division, Bendix Aviation Corp., Baltimore, Md.	3 840 00 f.o.b. Baltimore, Md.
One 5' 8" Knabe grand piano	Music	Cable Piano Co., Champaign	3 296 75 f.o.b. delivered
One 5' 4" Mason and Hamlin grand piano			
One 5' 2" Baldwin grand piano	Music	Mendel Riley, Champaign	3 729 12 f.o.b. delivered
One 5' 8" Baldwin grand piano			
Furnishing and modifying a room in the Illinois Neuropsychiatric Institute building with floor covering, and acoustical wall and ceiling treatment for the taking of sound-motion pictures of psychoanalytic and other forms of individual and group psychotherapy without the use of observable lighting and conditions	Psychiatry	Marshall Field and Co., Chicago	4 870 16
5000 tons 1 1/4" screenings coal to be delivered to Abbott Power Plant as required during July and August, 1952	Physical Plant	Republic Coal and Coke Co., Chicago	18 250 00 f.o.b. mine
		Cost of freight	5 544 00
		Total	(23 794 00)

On motion of Mr. Johnston, these purchases were authorized; Mr. Grange voted "No."

COMPTROLLER'S REPORT OF CONTRACTS

(24) The Comptroller's report of contracts executed during the period May 1 to 31, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
B. F. Goodrich Chemical Co.	Weed control investigation	\$ 500 00	May 14, 1952
Sharp and Dohme, Inc.	Sulfathalidine study	2 000 00	May 14, 1952
United States Air Force	AF 41(607)-35	5 375 00	March 7, 1952
United States Department of Agriculture	A-18-33439	5 000 00	June 28, 1951
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Fred M. Manthei	Install ceramic tile and marble in faculty men's toilet in Civil Engineering Hall	\$1 162 00	April 11, 1952

Adjustments Made in 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	2 minor items in the amounts of \$179.94 and \$773.81	\$ 953 75	May, 1952
E. M. Hays Plumbing & Heating	Noyes Laboratory remodeling	944 71	April, 1952
Clarence H. Siems (General work)	Geography storeroom	40 85 ¹	May, 1952

¹ Deduct.

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	2 minor items in the amounts of \$334.31 and \$590.60	\$ 924 91	May, 1952
Clyde E. Gates (General work)	7 minor items from \$956.11 deduct to \$2,953.20	3 447 32	May, 1952
Ervin G. Lindsey (Plastering)	45 minor items from \$49.75 deduct to \$224.00	638 93	May, 1952
Reliable Plumbing & Heating Co.	7 minor items from \$170.62 deduct to \$2,988.08	3 937 07	May, 1952
Schroeder's (Ventilation)	3 minor items from \$118.00 to \$1,715.00	2 157 38	May, 1952

This report was received for record.

APPROPRIATION TO ATHLETIC ASSOCIATION

(25) An appropriation of \$10,000 was made by the Board of Trustees on July 25, 1951, for rehabilitation of the refrigerating equipment in the Ice Skating Rink. The actual cost of this work has been less than \$5,000. The Athletic Association requests authority to use the balance for repairing the roof of the Rink. Since the Skating Rink has been operated on a deficit, it has not been possible to accumulate a reserve for repairs. Delay in repairing the roof may cause serious damage to the building.

The Provost and the Comptroller recommend, and I concur, that the balance in this appropriation be made available for repairing the Rink roof.

On motion of Mrs. Watkins, this recommendation was approved.

CONTRACT FOR REPAIRS IN DAVID KINLEY HALL

(26) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$5,250 to E. N. DeAtley, Champaign, for repairing the terrazzo treads, landings, and entry floor of the north stairway in David Kinley Hall. The work will include replacement of five treads on the first floor landing, all treads from the first floor to and including the landing tread on the third floor, the bottom tread of the first flight of stairs from the third to the fourth floor, and installation of new nonslip tile floors in the entry, first floor stair hall, and on all intermediate landings from the first floor to the third floor.

Funds are available in the Physical Plant Department budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Fornof, this contract was authorized.

RESIGNATION OF DEAN WILLARD B. SPALDING

President Stoddard presented the following letter:

College of Education
105 Gregory Hall
June 18, 1952

PRESIDENT GEORGE D. STODDARD
355 Administration West

DEAR PRESIDENT STODDARD:

Please accept my resignation from the positions of Dean of the College of Education and Professor of Education, effective December 31, 1952. I have accepted a position as Professor of Education in the State System of Higher Education, Extension Division, Portland, Oregon, to begin on January 1, 1953.

The five years which I have spent at the University of Illinois have been stimulating ones. The program of the College of Education is now firmly based upon a distinguished faculty. They will continue to improve this program under the leadership of my successor.

I thank you for the opportunity of working for a period of time under your leadership.

Respectfully yours,

WILLARD B. SPALDING, *Dean*

INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

President Stoddard and Mr. Nickell presented a proposal that there be established at the University an Institute for Research on Exceptional Children. Its function would be to carry on and direct research on physically and mentally handicapped children; to study ways and means of coordinating the state's services in this area of public welfare; to study gifted children; and to offer advanced programs of study. They pointed out that the state of Illinois is currently expending upwards of \$39,000,000 per year on such programs.

On motion of Mr. Nickell, the Board approved the proposal to establish the Institute with the understanding that a plan for its organization and a budget will be submitted for approval later.

**REPORT OF THE COMMITTEE ON GENERAL POLICY
ON ILLINI UNION BOOKSTORE**

Mr. Johnston, for the Committee on General Policy, presented the following report:

Chicago, June 19, 1952

MR. PARK LIVINGSTON
President, Board of Trustees
University of Illinois
20 North Wacker Drive
Chicago 6, Illinois

DEAR MR. LIVINGSTON:

At the meeting of the Board of Trustees of the University of Illinois, held last October, you turned over to the Policy Committee a letter received from Mrs. Eunice C. Creamer having to do with the competitive situation, as she put it, involved between the Union Bookstore and the University of Illinois Supply Store (a co-op) and directed that the Policy Committee give full weight to all of the facts presented and those we could collect together and report back to the Board our findings and recommendations as to the disposition that should be made of this situation. The letter addressed to you by Mrs. Creamer is returned. In addition thereto, Mr. R. D. Follett, vice-president of Wilcox & Follett Company, 1255 South Wabash Avenue, Chicago, publisher of books and who operates a bookstore at Champaign, likewise has filed objections to the University of Illinois operating a bookstore in competition with what he terms is a tax paying, privately owned bookstore.

The Illini Union Bookstore is the continuation of a book exchange organized by the Illini Union in the early 1920's. It became a full-fledged bookstore in its present location in 1932. When the Illini Union was built it took over the operation of the book exchange. The University feels it has an obligation to operate the Illini Union Bookstore in order to assure the students an opportunity to purchase their books and supplies at a reasonable cost. The operation of the bookstore has benefited the students without the expenditure of University funds.

Information which we have developed indicates that the protestants have presented their objections to the operation of the Illini Union Bookstore on numerous occasions and a full explanation has been given as to the reasons for the operation of the store on each occasion. The supreme court of Illinois recognizes that the University has a right to operate a bookstore and that in so doing the property was used for a public educational purpose. While procedure differs, bookstores of a similar nature are operated at many of the colleges and universities throughout the country.

The Illini Union Bookstore pays rent for the facilities used on a per square foot area basis, the same as all other occupants of the building. It has not been assessed for local taxes on personal property. The State Department of Revenue has ruled that the Bookstore is not liable for sales tax, hence it can not collect or pay such a tax.

The textbooks that are sold at the Illini Union Bookstore are sold at prices that are set and prevail at other stores where the students can purchase them. Since 1940 up to and including the close of 1951 the total sales at the Illini Union Bookstore were \$3,248,734.94. During this same period the net income before dividends was \$321,799.49. Dividends paid during the period amounted to \$50,101.06, and the dividend rate ranged from 5 to 10 per cent. Surplus after dividends during this period was \$255,358.04, of which amount \$49,964.88 was transferred to the Illini Union for equipment purchases and building improvements, \$100,000 financed the Illini Union coffee house and \$100,000 remains in reserve as working capital for the bookstore.

Over the period of time the store has operated there have been some articles sold that perhaps are not classified entirely as student necessities or materials for the pursuit of education, but by and large the objectives of the store are to assure students and faculty they can purchase books, materials and supplies needed in university course study at fair prices, having in mind the necessity for providing the student with the lowest possible cost for education but at the same time recognizing the free enterprise system by giving fair competition to privately owned businesses in the same area of merchandising.

Having in mind the results the committee feels it is desirable to sustain, they being: (1) fair prices to all purchasers, (2) protection against any possible, although improbable "high prices" that might be charged by independently owned stores if the Illini Bookstore were closed, (3) establish a policy of free enterprise and fair competition, and (4) accruing profits after expenses to be used in lowering cost of activities carried on for student benefit in Illini Union, we recommend the continuation of the bookstore and its apparently fair pricing policy on over-the-counter sales, discontinuing all dividend disbursement, specifically recommending the following:

(1) That the University Bookstore continue to be operated and thus give students and faculty assurance of continuing opportunity to buy their bookstore needs at prices fairly determined and established. (Some might claim that fair prices could not be maintained if the University-operated Bookstore competition was removed.)

(2) That the University Bookstore shall limit its activities to offering for sale nothing but books, materials or supplies needed in University course study.

(3) Discontinue all dividends. Reduce the cost of books and supplies, at the time of purchase, by an amount equal to the ratio of the dividends paid in the past four years to cash sales during the period. If profits accrue, transfer them to the general fund of the Illini Union.

Discontinuing the policy of dividend distribution appears entirely justified because the total dividends distributed the last four years amount to only 1.9 per cent of yearly average total sales.

Average Yearly Total Sales (last 4 years).....\$482,622

Average Yearly Dividends (last 4 years)..... 9,302

\$9,302 is only 1.9 per cent of \$482,622

In the last year of 1950-51, only 4,798 students qualified for a dividend rebate of less than \$3 per qualified student. Divide the dividend distribution by the entire enrollment and the theoretical quotient is so small (less than \$1) that it indicates that the dividend disbursement is not too essential and perhaps not justified.

It is true that the dividend rebates the last several years have amounted to 10 per cent on the purchases of those who participated in such distribution. However, the justification for a bookstore operation is for the benefit of the entire student body and if the rebate had been made at time of sale on the full volume, it would have amounted to less than 2 cents on each dollar of sales.

Respectfully submitted.

WAYNE A. JOHNSTON, *Chairman*
ROBERT Z. HICKMAN
HERBERT B. MEGHAN

On motion of Mr. Johnston, the recommendations of the Committee were approved.

A TRIBUTE TO JOHN H. ARMSTRONG

Mr. Johnston offered the following memorial which was adopted:

The Board of Trustees of the University of Illinois records with deep sorrow the untimely death on June 6, 1952, of Judge John H. Armstrong, President of the University of Illinois Foundation.

The state of Illinois, the University, and the community of Champaign-Urbana have lost a loyal, devoted citizen and a good friend. He had an abiding interest in the University since his early youth when he lived almost within the shadows of the University. He graduated from the University of Illinois with the degree of Bachelor of Arts in 1917 and with the degree of Doctor of Law in 1920. Following his graduation from the College of Law he was immediately admitted to the Illinois Bar and began the practice of law. From 1930-1933 he served as County Judge of Champaign County, Illinois, and from 1933-1939 as Judge of the Sixth Circuit of Illinois.

During the years he was in private practice of law he also found time and devoted much of his energy to civic affairs. He served as a member of the University of Illinois Foundation since 1946, on its Board of Directors since 1948, and as President of the Foundation from 1950 until his passing. In recent years he also was a special legal counsel for the University in important negotiations in which his expert talent and diligent work were invaluable.

The Board of Trustees directs that this memorial be spread upon the minutes of today's meeting and that copies be sent to the members of Judge Armstrong's family.

EXECUTIVE SESSION

At this point the Board went into Executive Session to consider the following matter presented by the President of the University.

APPOINTMENT OF DIRECTOR OF INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(27) For several months an *ad hoc* search committee has been interviewing and studying the qualifications of candidates for the position of Director of the Institute of Labor and Industrial Relations to fill the vacancy created by the resignation of Professor W. Ellison Chalmers as Director. The President reported on conferences which have recently taken place with Mr. Robben W. Fleming, Director of the Industrial Relations Center at the University of Wisconsin, whom the committee has recommended for this position. It was not feasible to include a formal recommendation for his appointment in the agenda sent to the Trustees in advance of today's meeting.

On motion of Mr. Fornof, the Executive Committee was authorized to act for the Board on this appointment.

LEASE OF SPACE IN ARCADE BUILDING

Mr. Megran, for the Committees on Buildings and Grounds and General Policy, reported that the joint committee has been giving careful consideration to the request of the Katsinas interests for the renewal of the lease of space in the Arcade Building in which they have been operating a restaurant, but that the committee is not prepared to make a recommendation at this time.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALTSCHUL, SOL, Psychiatric Consultant in the Health Service, in the Chicago Professional Colleges, on one-fifth time, two months beginning July 1, 1952, \$217 a month, supersedes (6-6-52).

- ANDERSON, ROBERT W., Research Associate in the Control Systems Laboratory, June 16-August 31, 1952, \$400 a month (5-22-52).
- AUGENSTINE, LEROY C., Research Assistant in the Control Systems Laboratory, June 2-August 31, 1952, \$300 a month, supersedes (6-6-52).
- BAHNFLETH, DONALD R., Research Assistant in Mechanical Engineering (S), three months beginning June 1, 1952, \$3750 a year (5-29-52).
- BAHNFLETH, DONALD R., Research Assistant in Mechanical Engineering (S), one year beginning September 1, 1952, \$3750 (5-29-52).
- BAUDER, W. W., to give instruction in Agricultural Economics in the Summer Session of 1952, June 13-August 9, 1952, \$1600 for the period (6-10-52).
- BAUMGARDNER, CARL H., Research Assistant on the University Council on Teacher Education, three months beginning June 1, 1952, \$256.66 a month, supersedes (6-5-52).
- BEATTIE, EDWARD J., JR., Assistant Professor of Surgery (Rush), in the College of Medicine, three months beginning June 1, 1952, without salary (6-3-52).
- BEBERMAN, MAX, Instructor in Education, on one-half time, in the University High School, June 13-August 9, 1952, \$447 for the period (6-2-52).
- BEMIS, WILLIAM P., First Assistant in Vegetable Crops (Horticulture) (S), one year beginning September 1, 1952, \$4500 (6-6-52).
- BENESCH, MRS. EDNA V., Research Assistant in Civil Engineering (S), June 16-August 31, 1952, \$300 a month (5-22-52).
- BERKOVITZ, MRS. IRENE R., Research Assistant in the Bureau of Research and Service, in the Graduate College, two months beginning July 1, 1952, \$233.33 a month (6-2-52).
- BEST, SHELDON F., Assistant Electronic Digital Computer, in the Graduate College, three months beginning June 1, 1952, \$300 a month, supersedes (6-6-52).
- BOURGIN, DAVID G., Professor of Mathematics, in the Graduate College, three months beginning June 16, 1952, \$3000 for the period. This is in addition to his present appointment. (6-3-52).
- BRANDON, A. N., Acquisition Assistant in the Library, one year beginning September 1, 1952, \$3480 (6-6-52).
- BRANNON, MILDRED J., Research Associate in the Control Systems Laboratory, July 1, 1952-August 31, 1953, \$4200 a year (5-22-52).
- BRENNAN, JAMES F., Research Assistant in Electrical Engineering (S), three months beginning June 1, 1952, \$320 a month (6-6-52).
- BROUDY, H. S., to give instruction in Education in the Summer Session of 1952, June 13-August 9, 1952, \$1500 for the period (6-10-52).
- BROUDY, H. S., Visiting Lecturer in Education, for the academic year beginning September 1, 1952, \$7100 (5-23-52).
- BUTZOW, ROBERT F., Instructor in Veterinary Clinical Medicine (C), June 16-August 31, 1952, \$362.50 a month, supersedes (6-9-52).
- CAIRNS, STEWART S., Professor of Mathematics, in the Graduate College, June 15-August 31, 1952, \$3445 for the period. This is in addition to his present appointment. (6-3-52).
- CATE, GLENN M., Research Associate in the Control Systems Laboratory, June 16, 1952-August 31, 1953, \$4800 a year (6-2-52).
- CHRYSSAFOPOULOS, NICHOLAS, Research Assistant in Civil Engineering (S), one year beginning June 16, 1952, \$3600 (5-27-52).
- CLEVEN, MRS. CAROL, Assistant in Food Technology (S), June 16, 1952-August 31, 1953, \$3000 a year (5-20-52).
- COLE, ROBERT H., to give instruction in the Department of Business Organization and Operation in the Summer Session of 1952, June 13-August 9, 1952, \$1056 for the period (6-10-52).
- CONAT, MABEL, to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$1000 for the period (6-10-52).
- DANNER, CHARLES S., to give instruction in Civil Engineering in the Summer Session of 1952, June 13-August 9, 1952, \$1000 for the period (6-10-52).
- DANNER, ELLIS, Professor of Highway Engineering, in the Department of Civil Engineering (C), three months beginning June 16, 1952, \$777.78 a month. This is in addition to his present appointment. (6-4-52).
- DELANEY, CHARLES O., Instructor in Music, for the academic year beginning September 1, 1952, \$4100 (6-6-52).

- DIETZ, JESS C., Research Associate Professor of Civil Engineering (S), three months beginning June 16, 1952, \$722.22 a month. This is in addition to his present appointment, supersedes previous appointment dated May 20, 1952 (6-9-52).
- DUNICZ, BOLESŁAW L., Instructor in Physical Sciences, in the Chicago Undergraduate Division, for the academic year beginning September 1, 1952, \$4500 (6-2-52).
- DUTTON, DAVID B., Research Associate in Physics (C), June 16, 1952-August 31, 1953, \$4800 a year (5-23-52).
- EILBRACHT, LEE P., Instructor in Physical Education for Men, on 12/100 time, for the academic year beginning September 1, 1952, \$800; in addition to \$6200 a year paid by the Athletic Association (6-6-52).
- EXLINE, RALPH V., Research Associate in Education, in the Graduate College, one year beginning September 1, 1952, \$4500 (6-4-52).
- FERA, PAUL P., Instructor in the Institute of Labor and Industrial Relations, one year beginning June 15, 1952, \$3900 (6-6-52).
- FIELDEN, JOHN S., Assistant in English, in the Division of Business English, nine months beginning September 16, 1952, \$3300 (5-22-52).
- FRITH, DONALD E., Instructor in Art, for the academic year beginning September 1, 1952, \$3700 (6-6-52).
- GILLIES, DONALD B., Assistant, Electronic Digital Computer, in the Graduate College, three months beginning June 1, 1952, \$300 a month (6-6-52).
- GINSBERG, ROBERT S., Clinical Instructor in Medicine, in the College of Medicine, three months beginning June 1, 1952, without salary (6-2-52).
- GREENFIELD, PETER, Research Associate in Physical Metallurgy, in the Department of Mining and Metallurgical Engineering (C), one year beginning September 1, 1952, \$5500 (6-6-52).
- GUINER, ANDRE, Visiting Professor of Physical Metallurgy, in the Department of Mining and Metallurgical Engineering (C), for the first semester of 1952-1953, \$5000, payable in five monthly installments beginning September 1, 1952 (5-31-52).
- HAWORTH, FLOYD B., to give instruction in Economics in the Summer Session of 1952, June 13-August 9, 1952, \$1312 for the period (6-10-52).
- HEYM, GLORIA A., Research Assistant in Bacteriology, in the Graduate College, May 12, 1952-February 28, 1953, \$268.33 a month (5-29-52).
- HILL, PHYLLIS JO, Instructor in Physical Education for Women, for the academic year beginning September 1, 1952, \$3700 (5-29-52).
- HINRICHS, MARIE A., Associate Professor of Health Education, in the Department of Physical Education for Women, on indefinite tenure, beginning September 1, 1952, to render service during each academic year, \$6800 a year, supersedes (5-31-52).
- HOLTZCLAW, H. F., JR., to give instruction in Chemistry in the Summer Session of 1952, June 13-August 9, 1952, \$1200 for the period (6-10-52).
- HOWLAND, FRANK L., Research Assistant in Civil Engineering (S), June 16-August 31, 1952, \$325 a month, supersedes (6-6-52).
- HUMPHREYS, ALFRED W., Instructor in Music, on 8/100 time, and in Education, on 42/100 time, for the academic year beginning September 1, 1952, \$2000 (6-7-52).
- JACOBS, S. LAWRENCE, Research Assistant in Chemistry, in the Graduate College, July 1-September 15, 1952, \$275 a month (6-6-52).
- JONES, BENJAMIN A., JR., Instructor in Agricultural Engineering (C), for the academic year beginning September 1, 1952, \$4200 (6-9-52).
- KASSEL, CHARLES E., JR., Research Associate in the Control Systems Laboratory, June 2-August 31, 1952, \$400 a month (5-22-52).
- KING, CHARLES, Research Assistant in Chemistry, in the Graduate College, two months beginning July 1, 1952, \$375 a month (6-6-52).
- KNUDTSON, KERMIT F., Research Associate in Dental Radiology, in the College of Dentistry, May 15-August 31, 1952, without salary (5-14-52).
- KRUSE, PAUL, to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$1200 for the period (6-10-52).
- LANGEMANN, HEINRICH, Research Associate in Pharmacology, in the College of Medicine, four months beginning May 15, 1952, \$300 a month (5-29-52).
- LEAL, FELIPE A., Assistant in Anesthesiology (Rush), in the College of Medicine, two months beginning May 1, 1952, without salary (6-3-52).

- LEE, FRANCIS J., Research Associate in Education, in the Graduate College, one year beginning September 1, 1952, \$4500 (6-4-52).
- LEMMENS, PAUL G., Research Associate in Medicine, in the College of Medicine, two months beginning July 1, 1952, without salary (6-3-52).
- LEWIS, WALTER H., Research Assistant in the Small Homes Council, three months beginning June 1, 1952, \$275 a month (6-6-52).
- MAST, EDWARD, Instructor in Electrical Engineering (C), for the academic year beginning September 1, 1952, \$3500 (6-6-52).
- McCLAY, CLARENCE H., Research Assistant Professor in the Control Systems Laboratory, June 16-September 15, 1952, \$1850 for the period. This is in addition to his present appointment as Assistant Professor of Mechanical Engineering. (6-2-52).
- McCLURE, ROBERT E., Research Assistant in Chemistry, in the Graduate College, three months beginning June 1, 1952, \$380 a month (6-2-52).
- McDONALD, LESLIE E., JR., Instructor in Veterinary Physiology and Pharmacology (C and S), one year beginning September 1, 1952, \$6000 (6-2-52).
- MICHALOVA, DAGMAR, to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$600 for the period (6-10-52).
- MILLIGAN, BURTON A., Associate Professor of English and Assistant Dean of the Graduate College, two months beginning July 1, 1952, \$800 a month. This is in addition to his present appointment. (5-9-52).
- MOLINARO, L. A., to give instruction in Education in the Summer Session of 1952, June 13-August 9, 1952, \$1200 for the period (6-10-52).
- OAKEY, J. A., to give instruction in Civil Engineering in the Summer Session of 1952, July 7-August 9, 1952, \$694 for the period (6-10-52).
- OSTERMAN, FLOYD A., Clinical Assistant in Medicine, in the College of Medicine, four months beginning May 1, 1952, without salary (5-20-52).
- PASSER, MOSES, Postdoctorate Research Assistant in Chemistry, in the Graduate College, one year beginning July 1, 1952, \$5000 (6-6-52).
- PICKETT, MRS. MARY S., Instructor in Home Economics (C), for the academic year beginning September 1, 1952, \$3600 (6-2-52).
- POMERANTZ, SEYMOUR, Research Assistant in Chemistry, two months beginning July 1, 1952, \$350 a month (6-6-52).
- PUNYAGUPTA, SOMPOORN, Research Assistant in Civil Engineering (S), three months beginning June 16, 1952, \$270 a month (5-27-52).
- RATTNER, ABRAHAM, Visiting Professor of Art, for the academic year beginning September 1, 1952, \$8000 (5-22-52).
- REEDER, CLIFTON L., Clinical Assistant in Medicine, in the College of Medicine, three months beginning June 1, 1952, without salary (6-3-52).
- REEVES, JENIEL, Assistant in Physical Education for Women, nine months beginning September 16, 1952, \$3000 (5-29-52).
- RICHARDS, ELLA L., Research Associate in Soil Fertility (Agronomy) (S), one year beginning September 1, 1952, \$5000 (5-20-52).
- RIVARD, DONALD E., Research Assistant in Chemistry, in the Graduate College, one year beginning September 1, 1952, \$4300 (6-6-52).
- ROBE, JOHN K., Research Associate in the Control Systems Laboratory, June 16-August 31, 1952, \$400 a month (6-2-52).
- SARGENT, FREDERICK, II, Assistant Professor of Physiology, in the Graduate College, two months beginning June 15, 1952, \$550 a month (5-23-52).
- SCHILLER, ALFRED G., Instructor in Veterinary Clinical Medicine (C), July 1, 1952-August 31, 1953, \$6500 a year (5-27-52).
- SCHWAIGER, JEROME W., Research Assistant in the Small Homes Council, three months beginning June 15, 1952, \$275 a month (6-6-52).
- SILVERMAN, ROBERT J., to give instruction in Mathematics in the Summer Session of 1952, June 13-August 9, 1952, \$623 for the period (6-10-52).
- STEINER, PAULINE, to give instruction in German in the Summer Session of 1952, on one-half time, June 13-August 9, 1952, \$390 for the period (6-10-52).
- SULLIVAN, SOPHIA E., to give instruction in Library Science in the Summer Session of 1952, June 13-August 9, 1952, \$600 for the period (6-10-52).
- THOMAS, ROBERT E., Instructor in Music, on one-fourth time, and in Education, on one-fourth time, for the academic year beginning September 1, 1952, \$2000 (6-7-52).
- THOMPSON, ANSON E., Instructor and First Assistant in Vegetable Crops (Horticulture) (C and S), July 1, 1952-August 31, 1953, \$5000 a year, supersedes (6-9-52).

- THORNBURN, THOMAS H., to give instruction in Civil Engineering in the Summer Session of 1952, on one-half time, June 13-August 9, 1952, \$611 for the period (6-10-52).
- TINKHAM, R. A., Instructor in Industrial Education, for the academic year beginning September 1, 1952, \$4600 (5-28-52).
- TOMAN, KURT K., Research Associate in Electrical Engineering (S), four months beginning May 1, 1952, \$450 a month, supersedes (6-2-52).
- TUNG, LU-HO, Research Associate in Chemistry, in the Graduate College, one year beginning June 1, 1952, \$4800 (5-27-52).
- WALL, FREDERICK T., Professor of Chemistry and Acting Dean of the Graduate College, two months beginning July 1, 1952, \$1350 a month. This is in addition to his present appointment. (5-9-52).
- WEIR, EDWARD C., Instructor in Education, on the University Council on Teacher Education, on one-half time, for two months beginning June 16, 1952, \$244.44 a month. This is in addition to his present appointment. (6-9-52).
- WIENMAN, ALAN M., Research Assistant in the Institute of Government and Public Affairs, on full time, June 1-June 15, 1952, and August 11-September 15, 1952, \$330 a month, and on one-half time, June 16-August 10, 1952, \$155 a month (6-6-52).
- WILLIGAN, DONALD A., Instructor in Veterinary Pathology and Hygiene (C), one year beginning September 1, 1952, \$4800 (6-2-52).
- WORTH, WILLARD J., Research Assistant in the Small Homes Council, June 15-August 31, 1952, \$325 a month (6-6-52).
- YOUNG, MRS. FAY G., Commerce and Sociology Library Assistant, in the Library, one year beginning September 1, 1952, \$3300 (6-6-52).
- YOUNG, GEORGE A., to give instruction in Civil Engineering in the Summer Session of 1952, June 13-July 5, 1952, \$417 for the period (6-10-52).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- AMMERMAN, C. B., Wright Fellow in Animal Science, nine months beginning September 16, 1952, \$850 (5-28-52).
- BENJAMIN, ROLAND J., Fellow in Theoretical and Applied Mechanics, nine months beginning September 16, 1952, \$1000, supersedes (5-22-52).
- BERNSTEIN, LIONEL M., R. J. Strassenburgh Research Fellow in Clinical Science, in the College of Medicine, four months beginning May 1, 1952, \$200 a month (6-6-52).
- COCHRAN, JOHN F., Celanese Corporation of America Fellow in Physics, one year beginning September 1, 1952, \$1800 (5-20-52).
- DOUGHERTY, ELMER L., Pan American Fellow in Chemical Engineering, nine months beginning September 16, 1952, \$1400 (5-26-52).
- GELFAND, SAMUEL, United States Rubber Company Fellow in Chemistry, nine months beginning September 16, 1952, \$1400, supersedes (4-22-52).
- JAUCH, KARL E., National Fund Research Fellow in Pathology, in the College of Medicine, July 1-September 20, 1952, \$500 (5-29-52).
- KOUCKY, CHARLES J., National Fund Research Fellow in Pathology, in the College of Medicine, July 1-September 20, 1952, \$500 (6-5-52).
- McKEAND, IRVIN J., Titanium Alloy Fellow in Ceramic Engineering, nine months beginning September 1, 1952, \$1800 (6-3-52).
- MILLER, RICHARD C., General Electric Fellow in Physics, nine months beginning September 16, 1952, \$2100 (5-20-52).
- MISTRY, SORAB P., Merck and Company Postdoctoral Fellow in Animal Science (C), February 8-August 31, 1952, \$250 a month, supersedes (6-6-52).
- MYERS, JAMES D., National Fund Research Fellow in Bacteriology, in the College of Medicine, July 1-September 20, 1952, \$500 (5-29-52).
- MYRNA, THEODORE D., National Fund Research Fellow in Bacteriology, in the College of Medicine, July 1-September 20, 1952, \$500 (5-29-52).
- NEVITT, MICHAEL V., Union Carbide and Carbon Chemical Corporation Fellow in Mining and Metallurgical Engineering, one year beginning June 1, 1952, \$840 (6-3-52).
- TU, PIN CHOW, Fellow in English, nine months beginning September 16, 1952, \$800, supersedes (5-20-52).
- VANCE, PAUL A., JR., Henry J. Strong Fellow in Electrical Engineering, nine months beginning September 16, 1952, \$900, supersedes (5-22-52).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ADAMS, MRS. MARIE R., Instructor in Occupational Therapy, in the College of Medicine—resignation effective 6-1-52.
- ADAMSON, LUCILE F., Assistant in Home Economics (S)—resignation effective 9-1-52.
- BEYM, MRS. SHIRLEY, Assistant in Botany—resignation effective 9-16-52.
- CAMPBELL, ROBERT, Assistant Professor of Economics—resignation effective 9-1-52.
- CEDARLUND, EVELYNNE, Instructor in Home Economics (C)—resignation effective 9-1-52.
- COLE, DOROTHY E. L., Assistant Teacher in the Nursery School, in the Division of Special Services for War Veterans—resignation effective 8-31-52.
- COLE, DOROTHY E. L., to give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1952—declination effective 6-13-52.
- DAILY, EUGENE J., to give instruction in Civil Engineering in the Summer Session of 1952—declination effective 6-13-52.
- DETHLEFS, MRS. BETTY A., Instructor in the Nursery School, in the Division of Special Services for War Veterans—resignation effective 8-31-52.
- DETHLEFS, MRS. BETTY A., to give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1952—declination effective 6-13-52.
- DUFNER, MAX, Instructor in German—resignation effective 9-1-52.
- FOSTER, GEORGE R., Assistant Editor in the Engineering Experiment Station—resignation effective 9-1-52.
- GIBSON, WILFRED A., Assistant Professor of Psychology—resignation effective 9-1-52.
- HANS, CLARENCE L., JR., Instructor in Ophthalmology, in the College of Medicine—resignation effective 7-1-52.
- HULL, WILLIAM R., Fellow in Geography—resignation effective 9-16-52.
- HUNTINGTON, DOROTHY A., Postdoctoral Fellow in Speech, in the Graduate College—declination effective 9-16-52.
- KUMMEL, BERNHARD, Associate Professor of Geology—resignation effective 9-1-52.
- LEMMON, MARY L., Instructor in Home Economics Education—declination effective 9-1-52.
- MEID, WILLIAM J., Assistant Professor of Ceramic Engineering (C)—resignation effective 9-1-52.
- MOJE, WILLIAM, Research Assistant in Chemistry—resignation effective 7-1-52.
- NOVOTNY, ALBERT J., Fellow in Surgery—declination effective 7-1-52.
- ONGMAN, HARRY D., Research Assistant in Chemical Engineering (S)—resignation effective 6-30-52.
- RHINES, RUTH, Instructor in Medicine, in the College of Medicine—resignation effective 7-1-52.
- SHORE, FERDINAND J., Research Assistant in Physics (S)—resignation effective 5-16-52.
- SIMON, WILLIAM P., to give instruction in Social Work in the Summer Session of 1952—cancellation effective 6-13-52.
- SOHL, NORMAN F., to give instruction in Geology in the Summer Session of 1952—declination effective 8-15-52.
- STEIN, SEYMOUR, Assistant Professor of Psychiatry and Research Physiologist, in the Department of Psychiatry, in the College of Medicine—resignation effective 6-30-52.
- VAWTER, GORDON F., Experimental Pathologist in the Aeromedical and Physical Environment Laboratory, in the Chicago Professional Colleges—resignation effective 7-1-52.
- ZWEMER, JACK, Research Assistant in Bacteriology, in the College of Medicine—resignation effective 6-1-52.

LEAVES OF ABSENCE

- CLARK, JOHN W., Clinical Assistant Professor of Radiology (Rush), in the College of Medicine—leave of absence, without salary, for one year beginning January 1, 1952, so that he may devote full time to graduate research at Argonne National Laboratory.

CRONBACH, LEE J., Professor of Education, in the Bureau of Research and Service—leave of absence, without salary, July 16-August 30, 1952, so that he may accept a teaching assignment at Teachers College, Columbia University.

HAGAN, CHARLES B., Associate Professor of Political Science—leave of absence, without salary, for the academic year beginning September 1, 1952, so that he may work for the Department of State during that period.

HARRIS, WARREN S., Research Professor of Mechanical Engineering (S)—leave of absence, without salary, for two months beginning July 1, 1952, so that he may engage in consulting work during that period.

HOGAN, JAMES D., Professor of Art—leave of absence, April 7-June 15, 1952, on account of disability.

MEGINNIS, PAUL J., Instructor in Veterinary Clinical Medicine, in the College of Veterinary Medicine—leave of absence, with pay, July 15-September 15, 1952, so that he may carry on X-ray therapy studies at Cook County Hospital.

SCOVILL, HIRAM T., Professor of Accountancy, and Head of the Department of Business Organization and Operation—leave of absence, with pay, June 9-August 5, 1952, so that he may attend the International Congress on Accounting in London and to consult with accounting authorities in various countries.

DEGREES CONFERRED IN JUNE, 1952

The Secretary presented for record the following list of degrees conferred at the Commencement Exercises at Urbana on June 15 and at the Chicago Professional Colleges on June 19.

Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	110
Doctor of Education.....	2
Chemical Engineer.....	1
Mechanical Engineer.....	1
Master of Arts.....	100
Master of Science.....	352
Master of Music.....	12
Master of Education.....	58
Master of Social Work.....	15
Master of Fine Arts.....	7
Advanced Certificate in Education.....	4
<i>Total, Graduate College.....</i>	<u>662</u>

Degrees in Law, conferred at Urbana:

Bachelor of Science.....	4
Bachelor of Laws.....	51
Doctor of Law.....	4
<i>Total, Law.....</i>	<u>59</u>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	230
Bachelor of Science, College of Engineering.....	265
Bachelor of Arts, College of Liberal Arts and Sciences.....	295
Bachelor of Science, College of Liberal Arts and Sciences.....	258
Bachelor of Science, Library School.....	8
Bachelor of Science, College of Education.....	107
Bachelor of Science, College of Commerce and Business Administration.....	276
Bachelor of Science, School of Journalism and Communications.....	81
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Fine and Applied Arts.....	121
Bachelor of Fine Arts, College of Fine and Applied Arts.....	42
Bachelor of Music, College of Fine and Applied Arts.....	6
Bachelor of Science, School of Physical Education.....	70
Bachelor of Science, Division of Special Services for War Veterans..	63
<i>Total, Baccalaureate Degrees.....</i>	<u>1,824</u>

Degrees in Veterinary Medicine, conferred at Urbana:	
Bachelor of Science.....	34
Doctor of Veterinary Medicine.....	<u>24</u>
<i>Total, Veterinary Medicine.....</i>	<i>58</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>2,603</i>
Honorary Degree, conferred in Chicago:	
Doctor of Science.....	1
Degrees in the Graduate College, conferred in Chicago:	
Doctor of Philosophy.....	14
Master of Science.....	<u>40</u>
<i>Total, Graduate College.....</i>	<i>54</i>
Degrees in Dentistry, conferred in Chicago:	
Bachelor of Science in Dentistry.....	37
Doctor of Dental Surgery.....	<u>59</u>
<i>Total, Dentistry.....</i>	<i>96</i>
Degrees in Medicine, conferred in Chicago:	
Bachelor of Science in Medicine.....	128
Bachelor of Science in Occupational Therapy.....	9
Doctor of Medicine.....	<u>168</u>
<i>Total, Medicine.....</i>	<i>305</i>
Degrees in Nursing, conferred in Chicago:	
Diploma in Nursing.....	(40)
Bachelor of Science in Nursing.....	<u>11</u>
<i>Total, Nursing.....</i>	<i>11</i>
Degrees in Pharmacy, conferred in Chicago:	
Bachelor of Science in Pharmacy.....	<u>100</u>
<i>Total, Degrees Conferred in Chicago.....</i>	<i>567</i>
<i>Total, Urbana and Chicago.....</i>	<i>3,170</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

WALTER GERRY KELL, B.B.A., M.B.A., University of Michigan, 1946, 1947
 CHARLES LAWRENCE, B.S., University of Denver, 1943; M.S., University of Colorado, 1948
 KWANG-CHI SIH, B.S., Chiao Tung University, 1946; M.S., 1950
 WILLIAM ADOLPH TERRILL, B.B.A., B.S., University of Cincinnati, 1938, 1940
 GLEN GIVENS YANKEE, A.B., Washburn College, 1939; A.M., 1941

In Agricultural Economics

WILBUR DAHL BUDDEMEIER, B.S., M.S., 1933, 1941
 REX FELTON DALY, B.S., Utah State Agricultural College, 1938; M.S., University of Maryland, 1939
 CARLOS CLIFTON ERWIN, A.B., Murray State College, 1939; M.S., University of Kentucky, 1948
 RICHARD CHIEN-WEN KAO, B.S., M.S., 1949, 1950
 THADDEUS JOSEPH OBAL, B.S., M.S., 1948, 1949
 FRANKLIN JACOB REISS, B.S., M.S., 1940, 1942
 WILLIAM NEIL THOMPSON, B.S., M.S., 1941, 1942
 WALTER JOE WILLS, B.S., M.S., 1936, 1937

In Agronomy

- DILIP KUMAR BANERJEE, B.Sc., Calcutta University, 1943; B.S., M.S., Cornell University, 1947, 1948
HAROLD WESLEY GAUSMAN, B.S., University of Maine, 1949; M.S., 1950
JEROME CLEMENT LYONS, B.S., M.S., 1947, 1948
JAMES CLEMENS NEILL, B.S., Monmouth College, 1940; M.S., Iowa State College, 1948
WILLIAM MAX ROSS, B.S., M.S., 1948, 1949
FRED WARREN SLIFE, B.S., M.S., 1947, 1949

In Animal Nutrition

- PEI-HSING LIN, B.S., Ginling College, 1946; M.S., University of Massachusetts, 1949

In Animal Science

- JAMES DILLON KEMP, B.S., M.S., University of Kentucky, 1948, 1949
MYRON WILLIAM PASVOGEL, B.S., M.S., 1936, 1949
CLARENCE VERL ROSS, B.S., A.M., University of Missouri, 1938, 1948

In Bacteriology

- HARLYN ODELL HALVORSON, B.S., M.S., University of Minnesota, 1948, 1949
MARCOS BORIS ROTMAN, Ch.E., Frederick Santa Maria Technical University, 1948
RAQUEL BERTA SUSSMAN, Chemistry and Pharmacy, University of Chile, 1944

In Botany

- ROBERT AUGUST EVERS, B.S., Kansas State College, 1933; M.S., 1941

In Ceramic Engineering

- ARTHUR LEROY FRIEDBERG, B.S., M.S., 1941, 1947

In Chemical Engineering

- WILLIAM ARTHUR JUNK, JR., B.S., M.S., Pennsylvania State College, 1948, 1950
RICHARD WARRING KUNSTMAN, B.Ch.E., University of Delaware, 1948

In Chemistry

- DONALD STANLEY ACKER, B.S., Allegheny College, 1949
EUGENE P. BERTIN, JR., B.S., M.S., 1948, 1949
HOMER JAMES BIRCH, B.S., Youngstown College, 1941; M.S., 1949
DAVID BRUCE BRIGHT, B.Ch., University of Minnesota, 1949; M.S., 1950
DAVID WILCOX CARLEY, A.B., Knox College, 1943; M.S., 1947
KENNETH GEORGE CLARKE, A.B., University of Buffalo, 1949
SAUL MARK COHEN, B.S., University of Massachusetts, 1948; M.S., 1949
RICHARD COLE, Ch.E., College of the City of New York, 1944; M.S., 1948
HENRY ZUCKERT FRIEDLANDER, A.B., Oberlin College, 1948; M.S., 1949
RALPH GHER, JR., A.B., M.S., 1948, 1949
AARON BROWN HERRICK, A.B., Princeton University, 1947
RICHARD LESLIE HINMAN, A.B., Columbia University, 1949
JOHN EDWARD McNAMARA, A.B., Knox College, 1947; A.M., 1949
JOHN REID MILLS, A.B., A.M., University of Toronto, 1943, 1944
WILLIAM ROGER PETERSON, A.B., Carroll College, 1949
FREDERICK LEIGH PUNDSACK, B.S., 1949
MICHAEL MULLEN ROBISON, A.B., Reed College, 1949
EARLE STANLEY SCOTT, A.B., Reed College, 1949
EDWARD ALEXANDER SIENICKI, A.B., M.S., Syracuse University, 1941, 1948
ALLEN BYRON SIMON, B.S., College of the City of New York, 1947; M.S., 1948
JOHN MORROW STEWART, B.S., Davidson College, 1948; M.S., 1950
ROBERT FLOYD VANCE, B.S., Otterbein College, 1949; M.S., 1950
HARLAN PRINCE WALLINGFORD, B.Ch.E., Cornell University, 1949
ROBERT LLEWELLYN WIXOM, A.B., Earlham College, 1947
OWEN YORK, JR., A.B., Evansville College, 1948; A.M., 1950

In Civil Engineering

RALPH NORMAN McMANUS, B.S., M.S., University of Alberta, 1942, 1946
JOSEPH LEE WALING, B.S., M.S., Purdue University, 1938, 1940

In Economics

ARTHUR TSUNG-YUAN LOH, A.B., St. John's University, 1945; M.S., 1949

In Electrical Engineering

MAHMOUD AHMAD EL-MELEHY, B.S., Fouad First University, 1947; M.S., Ohio State University, 1949; M.S., 1950
YUEN-TZE LO, B.E., National Southwest Associated University, 1942; M.S., 1949
JAMES EVANS ROBERTSON, B.S., Oklahoma Agricultural and Mechanical College, 1947; M.S., 1948
KURT KARL TOMAN, Diploma Engr., University of Technology, 1949
JAMES YETOW WONG, B.Sc., University of Manitoba, 1948; M.S., 1949

In English

LEADIE MAE CLARK, A.B., A.M., 1945, 1945
CHARMENZ SHIRLEY LENHART, B.S., M.S., Indiana State Teachers College, 1939, 1940
DOROTHEA BIGNELL MORSE, A.B., Nebraska Wesleyan University, 1926; A.M., State University of Iowa, 1934; B.S.(L.S.), University of Denver, 1945
ROBERT BERTRAM OGLE, A.B., University of Minnesota, 1935; A.M., University of Chicago, 1947

In Entomology

EDWARD COULTON BECKER, B.S., University of Missouri, 1944; M.S., 1950
NORMAN WILLISTON EARLE, B.S., M.S., 1949, 1950
JAMES GORDON STERNBURG, A.B., M.S., 1949, 1950

In Food Technology

SZU SHIANG CHANG, B.S., Chi-nan University, 1941; M.S., Kansas State College, 1949
WINSTON HAROLD WINCERD, B.S., M.S., Kansas State College, 1948, 1949

In Geology

ERNEST HATHAWAY MULLER, A.B., College of Wooster, 1947; M.S., 1949
EDWIN WILSON TOOKER, B.S., Bates College, 1947; M.S., Lehigh University, 1949

In German

ALLAN MARTIN CRESS, A.B., A.M., 1942, 1948

In Mathematics

BURTON VICTOR DEAN, B.S., Northwestern University, 1947; M.S., Columbia University, 1948
MARION PRESTON EMERSON, B.S., Southwest Missouri State College, 1938; M.S., University of Wisconsin, 1949
DONALD GORDON HIGMAN, A.B., University of British Columbia, 1949; A.M., 1951
GEORGE ROGER LIVESAY, B.S., M.S., 1948
ROBERT JEROME SILVERMAN, B.S., M.S., University of Chicago, 1947, 1948
MICHAEL JOHN WALSH, B.S., Carroll College, 1940; M.S., University of Notre Dame, 1942
KENNETH GRAHAM WOLFSON, A.B., Brooklyn College, 1947; A.M., Johns Hopkins University, 1948

In Mechanical Engineering

TZU-CHUEN HUANG, B.S., National Chiao-Tung University, 1946; M.S., 1949

In Mining and Metallurgical Engineering

GEORGE BROMLEY CLARK, B.S., M.S., University of Utah, 1935, 1946; E.M., 1949
HOLLIS PHILIP LEIGHLY, JR., B.S., M.S., 1948, 1950

In Philosophy

LAWRENCE LINDLEY HAWORTH, A.B., Rollins College, 1949; A.M., 1950

In Physical Education

ERNEST DENZIL MICHAEL, JR., B.S., Purdue University, 1947; M.S., 1949

In Physics

ANDREW LEE ATKINS, JR., A.B., B.S., Southeast Missouri State Teachers College, 1947, 1947; M.S., 1948

CHARLES PALMER BEAN, A.B., University of Buffalo, 1947; A.M., 1949

DAVID BELLAMY DUTTON, B.S., Case Institute of Technology, 1947; M.S., 1949

GLENN ALBERT PRICE, B.S., University of Kentucky, 1946; M.S., 1948

FERDINAND JOHN SHORE, JR., B.S., Queens College, 1941; M.S., Wesleyan University, 1943

In Physiology

WILLIAM CLARENCE CLARK, Ph.B., St. Louis College of Pharmacy, 1921; Ph.G., Ph.C., B.S., M.S., 1924, 1930, 1934, 1947

WARD WILFRED MOORE, A.B., M.S., 1948, 1951

JULIUS PRAGLIN, A.B., Clark University, 1948; A.M., 1950

In Political Science

SYLVAN FRED JAENKE, B.S., A.M., 1947, 1948

DONALD BRUCE JOHNSON, A.B., University of Minnesota, 1943

MARIAN ELIZABETH RIDGEWAY, B.J., A.M., University of Missouri, 1935, 1946

JOHN RICHARD SCOTT, B.Ed., M.S., Illinois State Normal University, 1940, 1947

In Psychology

MARVIN ADELSON, B.S., Virginia Polytechnic Institute, 1947; A.M., 1950

MAXWELL SPENCER PULLEN, A.B., University of Wisconsin, 1939

GEORGE JOHN SUCI, B.S., M.S., Purdue University, 1947, 1948

In Spanish

RICHARD BEYM, A.B., A.M., 1943, 1948

MARIA CONCEPCION ZARDOYA, A.B., A.M., University of Madrid, 1932, 1947

In Theoretical and Applied Mechanics

DALE RINGWALT CARVER, B.S., M.S., Kansas State College, 1946, 1949

MING MAO CHEN, B.S., National Wu-han University, 1941; M.S., 1948

ALFRED HARTMANN HAUSRATH, B.S., Iowa State College, 1947; M.S., 1949

JOSEPH LOUIS KRAHULA, B.M.E., M.S., Rensselaer Polytechnic Institute, 1946, 1950

KARL STARK PISTER, B.S., M.S., University of California, 1945, 1948

SHOU-LING WANG, B.S., St. John's University, 1946; M.S., Yale University, 1948

Degree of Doctor of Education

CARL HARMOND BAUMGARDNER, B.Ed., Illinois State Normal University, 1942; A.M., 1949

KENNETH LAWRENCE HUSBANDS, A.B., University of Kansas City, 1937; A.M., University of Missouri, 1938; Ed.M., 1950

Professional Engineering Degree*Degree of Chemical Engineer*

LEONARD LOUIS SUTKER, B.S., 1926

Degree of Mechanical Engineer

GEORGE BUTLER GRIM, B.S., 1940

Degree of Master of Arts*In Chemistry*

ROLAND JOSEPH GRISHABER, A.B., Lawrence College, 1951

In Economics

LOUISA JUNG-CHUN HSIAO, A.B., West China Union University, 1947
ALOYSIOUS KENNETH MROWIEC, A.B., Eureka College, 1951
MYINT SOE, A.B., University of Rangoon, 1951
JARED SPARKS, JR., A.B., Michigan State College, 1949

In Education

FRED GODFREY BLOSS, A.B., Quincy College, 1948
GUTHRIE LEE BRYANT, A.B., Illinois College, 1929
GENE JOSEPH CASEY, Ph.B., Illinois Wesleyan University, 1950
JOHN ROBERT DOBSON, A.B., 1938
PAUL MARCUS FURR, B.S., 1920
BARBARA KAISER HAXBY, Ph.B., Northwestern University, 1946
CLARK DONALD HOOT, A.B., Indiana Central College, 1937
MARY FRYREAR JOBE, A.B., Monmouth College, 1937
LEONARD HERNDON JONES, B.S., North Carolina Agricultural and Technical College, 1951
LEONA M. PETERSON KNAPP, A.B., Midland College, 1926
DAVID FREDERICK KOCH, JR., A.B., Iowa State Teachers College, 1947
BESSIE ALBERTA MAXEY, B.E., National College of Education, 1936
HARLEY K. MINNIS, B.S., 1950
GRACE LUELLE MUDGETT, A.B., Gallaudet College, 1931
VIOLA ALERTA MUNSON, A.B., Washington University, 1929
HILDRED GENEVIEVE NERHUS, A.B., Cornell College, 1940
SAICHI ONISHI, A.B., Hiroshima University, 1941
SOLA MAE PETTIGREW, A.B., Stowe Teachers College, 1947
ORA MARSHALL PIERCE, A.B., Stowe Teachers College, 1946
EUNICE ELEANOR SIFFERD, A.B., 1947
ELVA BACH SMITH, A.B., Berea College, 1919
CLIFFORD LEROY THAXTON, A.B., Illinois College, 1949
HAROLD ELWOOD VOYLES, B.S., 1947
JOHN THEODORE WEYRAUCH, A.B., Beloit College, 1949
BARBARA JUNE ZELLER, A.B., Shurtleff College, 1948

In English

CHARLES LYNFORD ADAMS, JR., A.B., Michigan State College, 1951
JOHN JOSEPH BULLARO, JR., A.B., 1950
JOHN COLLINGSWORTH COX, A.B., Vanderbilt University, 1948
MARY FOULK DALBEY, B.S., Indiana University, 1949
BETTY RUTH ENGLISH, A.B., 1951
HELEN ELLIS HAWORTH, A.B., Rollins College, 1949
WILLIAM HOWARD HITT, B.S., 1950
JOAN MARIE JOHNSON, A.B., Western Michigan College of Education, 1950
EDWARD RICH LEVY, A.B., James Millikin University, 1951
SALLIE KIRK LUNDEEN, A.B., 1949
EDWARD JAMES MARTINSON, A.B., 1951
HOWARD KENNETH NIXON, JR., A.B., Columbia College, 1950
CHARLES EDWARD OHLSEN, JR., A.B., 1948
HARRY ELDON PREBLE, A.B., 1951
WARREN LEE ROYER, A.B., 1950
RACHEL ELIZABETH STANFIELD, A.B., 1943
JACK TILDEN STOKES, A.B., Indiana State Teachers College, 1950

In French

GORDON UYTTEBROUCK, A.B., 1951

In German

CHARLES WESLEY HOFFMANN, A.B., Oberlin College, 1951
ALDONA-ANASTAZIJA KRIKSCIUNAITE, A.B., 1951
ELIZABETH MARIANNE SANDS, A.B., Rice Institute, 1950
CAROL DINSDALE WORTH, A.B., 1950

In History

- GERTRUDE THAYER ALMY, A.B., Vassar College, 1949
MARY CATE MACLEAN, A.B., Oberlin College, 1947
HELEN SCOTT MALONE, A.B., 1943
ELMO RACE RICHARDSON, A.B., 1952
DAVID EARL ROBBINS, JR., A.B., Houghton College, 1947; A.M., Syracuse University, 1948
HOWARD LEE SCAMEHORN, A.B., Western Michigan College of Education, 1949
JOHN LESLIE TEVEBAUGH, A.B., 1950
ROSS PAUL TITUS, A.B., 1948

In Italian

- OLGA KOSHANSKY, Candidate in Philosophy, University of Gottingen, 1948

In Labor and Industrial Relations

- MARK LEE ACKERMAN, III, B.S., 1951
SHERMAN DAVID ROSEN, B.S., 1950

In Latin

- RUTH MARIE PROTZMAN, A.B., Manchester College, 1942; B.S.(L.S.), 1946

In Mathematics

- WILLIAM WALTON HALL, JR., B.S., United States Military Academy, 1946
DONALD EARL ROBINSON, B.S., Northeast Missouri State Teachers College, 1950

In Philosophy

- CARL COHEN, A.B., University of Miami, 1951
DUANE HAPGOOD WHITTIER, A.B., University of New Hampshire, 1950

In Political Science

- ALBERT AUGUST CACHERAT, B.S., Eastern Illinois State College, 1948

In Psychology

- JACK ARBIT, A.B., 1951
WALTER ARNOLD CLEVEN, B.S., 1950
ALAN LAWRENCE STRAND, B.S., 1949

In Social Sciences

- LOLA RUTH EVEANS, A.B., Illinois Wesleyan University, 1948
STANLEY MARSHALL KANARE, A.B., University of Connecticut, 1950
WILLIE McLANE MARION, A.B., 1951
CARL VAHRADIAN, A.B., Roosevelt College, 1951

In Sociology

- WILLIAM JEAN BEESON, A.B., 1951
RAYMOND EDWARD RIES, A.B., 1949

In Spanish

- RAQUEL ANDRADE, B.S., University of Chile, 1948
CLARA AGLAIA FANAKOS, B.S., Eastern Illinois State College, 1951
DOROTHY JEANNE GENGLER, A.B., Vanderbilt University, 1949
MARILYN YVONNE JACOBSON, A.B., Knox College, 1949
DOROTHY BEEMER KERN, A.B., 1945
HUGH DONALD LANDRUM, A.B., Louisiana Polytechnic Institute, 1950
SOL SAPORTA, A.B., Brooklyn College, 1944
JACQUELINE WEAVER, A.B., 1950
MINNIE LUCILLE WILLS, A.B., Olivet Nazarene College, 1951

In Speech

KENNETH GORDON CRIDER, A.B., University of Denver, 1950
CHARLES FINLEY DUNCAN, JR., A.B., Abilene Christian College, 1945
JAMES LEE HIGHLANDER, A.B., Eureka College, 1951
DONALD ELMER POLZIN, A.B., Illinois College, 1951
VERNON EDGAR VOYLES, A.B., Grinnell College, 1950

In Statistics

JACK OLIN NEUHAUS, B.S., 1951
MARILYN SIEGEL, A.B., Roosevelt College, 1951

In the Teaching of English

RUTH VAN VLAARDINGEN, A.B., Valparaiso University, 1949

In the Teaching of Social Studies

DOLORES CLAUDY HANSSEN, B.S., Illinois State Normal University, 1950
RUTH MARGARET MEECH, A.B., 1951
GLADYS INEZ PIERCE, A.B., Shaw University, 1949
DONALD ROBERT WHITNAH, A.B., 1951

In the Teaching of Speech

EVELYN ROWENA HORINE, B.S., Northwestern University, 1930

Degree of Master of Science*In Accountancy*

MARVIN ROBERT ISAN, B.S., Miami University, 1950
OSCAR MARVIN KRIEGMAN, B.S., 1951
BURNETT ALLAN LITTLE, B.S., Hampton Institute, 1938
JOHN DENNIS O'SULLIVAN, B.S., Quincy College, 1951
NICHOLAS TRIANT PREPOUSES, B.S., University of San Francisco, 1951
EUGENE LEE STEP, A.B., University of Omaha, 1951
DONALD ALLAN SULLIVAN, B.S., James Millikin University, 1948

In Aeronautical Engineering

GAUTAM KHOSLA, B.S., M.S., University of Punjab, 1945

In Agricultural Economics

GEORGE DEAN HASENMYER, B.S., 1951
WILLIAM MCDANIEL HERR, B.S., Cornell University, 1951
FRED EDWARD JUSTUS, JR., B.S., 1951
WARREN CURTIS KENYON, B.S., 1947
JOHN RAYMOND LAUER, B.S., 1951
JAMES DICKEN TUGGLE, B.S., Western Kentucky State College, 1948
MARTIN VEIKKO WAANANEN, B.S., Michigan State College, 1950

In Agricultural Education

JAMES LARKIN GOLBY, B.S., 1950
FRANK WILLIAM PETERSEN, B.S., 1949

In Agricultural Engineering

DONALD LLOYD BRAKENSIEK, B.S., 1951
WAYNE EVERETT HARTMAN, B.S., 1951
WALTER DALE LEMBKE, B.S., 1951

In Agronomy

WILLIAM RAY DUNN, B.S., 1936
CHARLES R. FINLEY, B.S., 1951
WILLIAM KIRK GRIFFITH, B.S., Western State College, 1951
ROLAND DANIEL HAUCK, Ph.B., University of Chicago, 1948; A.B., North Central College, 1950

ROBERT HAWTHORNE MAIER, B.S., University of Miami, 1951
WARREN CHRISTIAN NELSON, B.S., 1943, 1951
WILLIAM ROBERT OSCHWALD, B.S., 1950

In Animal Nutrition

JAY ALDEN FIRTH, B.S., 1951
ELMER WILLIAM HARTSOOK, B.S., West Virginia University, 1950
JACK MICHAEL IACONO, B.S., Loyola University, 1950
ROBERT JAMES MEADE, B.S., University of Nebraska, 1949

In Animal Science

ORLAND NEAL ALFORD, B.S., Western Kentucky State College, 1950
ELIJAH BOYD, B.S., Langston University, 1940
JAMES LAWRENCE WILLIAMSON, B.S., University of Georgia, 1951

In Architectural Engineering

DAVID KEITH PYLE, B.S., 1950
GEORGE WESLEY REIHMER, B.S., 1950
JOHN EDWARD SEVERNS, B.S., 1950

In Architecture

WILLIAM HERMAN RUMP, A.B., University of Nebraska, 1950

In Bacteriology

MARY KATHERINE BROWN, B.S., Bradley University, 1946
BARBARA PRAY ELLIOTT, B.S., Ohio State University, 1948
MARSHALL ALLEN FALK, B.S., Bradley University, 1950
MARION NYHOLM GILMOUR, A.B., University of British Columbia, 1949
SAM HASHIMOTO, B.S., University of Michigan, 1950
ALVIN MARKOVITZ, B.S., 1950
HAROLD LLOYD SADOFF, B.Ch.E., University of Minnesota, 1947
JOYCE ERICKSON SCHOLZ, B.S., University of North Dakota, 1950
LIN EN JOSEPHINE SHEN, A.B., St. John's University, 1948
JOHN THOMAS SOKATCH, B.S., University of Michigan, 1950

In Biological Sciences

LEANORA MARIE BUEHLER, B.S., 1950
ARTHUR JAY FRIDUSS, B.S., 1951
GEORGE LANCASTER HARRO, A.B., Wheaton College, 1949
LEOPOLD JOHN TRECIOKAS, B.S., 1951
HARRY YOU MUN WONG, B.S., University of Dayton, 1951

In Botany

BETH ELAINE GOODRICH, A.B., Houghton College, 1948
HAROLD HERMAN KUEHN, A.B., Montana State University, 1950
IRWIN BERNARD PERLIS, A.B., University of California, 1950
ALBERT ERNEST VATTER, JR., B.S., Northwestern University, 1946

In Ceramic Engineering

IRVIN JONES MCKEAND, B.S., United States Naval Academy, 1945; B.S., Virginia Polytechnic Institute, 1951
JAMES ANDREW NELSON, B.S., 1941
URI PIMSTEIN, B.S., 1951
SHOU-CHENG TSE, B.S., Ta Tung University, 1948
WILLIAM FREDERICK ZIMMERMAN, B.S., Wayne University, 1948

In Ceramics

GEORGE FAIRBANK STOCKDALE, B.S., Hamilton College, 1942

In Chemical Engineering

HERBERT FARADAY KRAEMER, B.Ch.E., University of Delaware, 1947
VINCENT PAUL MILO, B.S., University of Alberta, 1949
HARRY DALE ONGMAN, B.S., 1949

In Chemistry

VICTOR ERNEST BUHRKE, B.S., 1950
 HOWARD JOSEPH BURKE, A.B., Kalamazoo College, 1951
 PHYLLIS RHODA COHEN, A.B., New York University, 1951
 BYRON LEE HAINES, A.B., Hanover College, 1950
 S. LAWRENCE JACOBS, B.S., Rensselaer Polytechnic Institute, 1951
 LEWIS IRVIN KRIMEN, B.S., Albright College, 1951
 DAVID MILLARD LOCKE, B.S., University of Michigan, 1951
 HARRY JACOB NEUMILLER, JR., A.B., Knox College, 1951
 PATRICIA McMILLIN SAXTON, A.B., Radcliffe College, 1950

In City Planning

JERRAL TALBOT HARPER, B.S., 1951

In Civil Engineering

RODNEY ASCHENBRENNER, B.S., State College of Washington, 1949
 EARL THOMAS BALKUM, B.S., 1950, 1951
 JOHN HARRISON BIGHAM, B.S., 1949
 ROBERT CALVIN BINNING, B.S., University of Wisconsin, 1951
 ERNEST ARTHUR BOULDING, JR., B.S., 1951
 ARTHUR JOHN CARLSON, JR., B.S., Kansas State College, 1950
 PHILIP YEONG-WAI CHOW, B.S., University of Arizona, 1950
 NICHOLAS CHRYSAFOPOULOS, B.S., Robert College, 1940
 RUDOLF ERNEST ELLING, B.S., Michigan State College, 1950
 HANS ARNOLD GROGG, Diploma, Civil Engineering, Swiss Federal Institute of Technology, 1949
 RALPH CRANE HAHN, B.S., 1951
 DANIEL JOSEPH HANSON, B.S., 1951
 EDMUND PENA HERNANDEZ, B.S., 1951
 FRANK LESLIE HOWLAND, B.S., Rutgers University, 1950
 WILLIAM PATERSON HUNTER, B.S., Glasgow University, 1946
 ROBERT NORMAN JANOPAUL, B.S., University of California, 1951
 FELIPE JIMENEZ, B.S., University of Puerto Rico, 1950
 JOHN WILLIAM JOHNSON, B.S., University of Wyoming, 1949
 DAVID BERREY KEEZELL, B.S., Virginia Polytechnic Institute, 1941
 DAVID JAMES LAURIE KENNEDY, A.B., University of Toronto, 1951
 ARMAS LAUPA, B.S., Georgia Institute of Technology, 1950
 IGNACIO MARTIN, C.E., University of Havana, 1951
 JAMES MILTON MASSARD, B.S., Ohio University, 1950
 HOMAYOUN MEHEEN, B.S., University of Colorado, 1951
 WILLIAM HENRY MILLEY, B.S., University of Alberta, 1949
 ROBERT HAROLD MITCHELL, B.S., 1951
 OWEN MIYAMOTO, B.S., University of Hawaii, 1950
 ROBERT FORMAN MOSHER, B.S., 1944
 JAMES MATHEW MUELLER, B.S., United States Military Academy, 1945
 EDWIN THOMAS O'DONNELL, B.S., United States Military Academy, 1944
 CHAMLONG SALIGUPTA, B.S., 1951
 RALPH MARIO SANTAMARIA, B.S., University of New Mexico, 1951
 BEVERLY CARRADINE SNOW, JR., B.S., United States Military Academy, 1944
 METE AVNI SOZEN, B.S., Robert College, 1951
 JEROME FRANCIS ULATOWSKI, B.S., 1950
 JAMES S. VALACH, B.S., State College of Washington, 1949
 ALFRED HENRY VICTOR, JR., B.S., United States Military Academy, 1946
 SHAHEN YEGIAN, B.S., University of Tehran, 1948
 IRFAN YILDIRIM, B.S., University of California, 1950; B.S., University of Colorado, 1951

In Clinical Psychology

WILLIAM LEON BASTENDORF, A.B., Pomona College, 1948
 RALPH BERNARD CARY, A.B., University of Wisconsin, 1950
 FRANCIS ANDREW ENOS, A.B., Augustana College, 1950

RUSSELL JOHN JESSEN, A.B., University of Omaha, 1948
 MELVIN EDWIN KAUFMAN, A.B., Hunter College, 1950
 ERNEST ANDREW KURTZ, B.S., 1949
 ESTHER GOULD NOLL, A.B., University of Wisconsin, 1947
 JOHN OWEN NOLL, A.B., University of California, 1950
 LEWIS JOSEPH SHERMAN, B.S., College of the City of New York, 1950
 SEYMOUR WOLF, B.S., 1949

In Dairy Science

MURRAY JAMES HALL, B.S., Southern University, 1949
 RICHARD FRANCIS SCHWERDT, B.S., 1950

In Dairy Technology

DONALD GENE SANG, B.S., 1950

In Education

ELEANOR MAE ALLEN, B.S., Illinois State Normal University, 1945
 CASSIUS ALLEN ARMSTRONG, B.S., 1937
 BILLIE BRADFORD ARNEY, B.S., Eastern Illinois State College, 1949
 MOSTAFA KAMEL BADRAN, B.S., Fouad First University, 1943; Diploma, Education, Institute of Education, 1946
 GEORGE HOLBROOK BARGH, B.S., 1949
 THOMAS EARL BOTTOMLEY, B.Ed., State Teachers College (Oshkosh, Wisconsin), 1933
 EDWARD LAWRENCE BROWN, B.S., 1949
 SPENCER ARDELL BULLARD, B.S., 1948
 LOWELL ABNER BURKETT, B.S., 1946
 ROBERT BYRON BURNS, B.S., 1950
 PAUL WINSTON CHANCE, B.S., Indiana State Teachers College, 1949
 CHARLES HENRY CROWLEY, B.S., 1942
 FRANK ANTHONY DAGNE, B.S., Illinois State Normal University, 1948
 ERNEST JUDSON DEWITT, JR., A.B., Shurtleff College, 1949
 RICHARD JAMES DORSEY, B.S., Illinois State Normal University, 1948
 CHARLES ALBERT FISCUS, B.Ed., Eastern Illinois State College, 1949
 BARBARA FRAZIER, B.S., Eastern Illinois State College, 1949
 RAY GORDON GRIERSON, B.S., 1947
 MANFORD MILTON HARMON, B.Ed., Eastern Illinois State College, 1942
 GEORGE RICHARD HARRIGAN, B.S., University of Cincinnati, 1939
 HENRY FOLEY HARTRICH, B.S., 1949
 CLIFFORD LESLIE HERBST, A.B., St. Ambrose College, 1949
 JAMES WILLIAM HOLADAY, B.S., Eastern Illinois State College, 1949
 CHARLES EDWARD HOUSE, B.S., Southern Illinois University, 1949
 ELMER BENTON JACOBS, JR., B.S., Southern Illinois University, 1949
 CLYDE CLIFFORD JENKINS, B.S., Indiana State Teachers College, 1939
 LOREN RICE LEWIS, B.S., 1950
 ALBERT BERNARD MARX, B.S., 1949
 VIRGINIA BALES MCCASEY, B.S., 1941
 WILLIAM ROBERT MCCONNELL, B.S., 1949
 EDWARD HAROLD NOFFKE, B.S., Eastern Illinois State College, 1949
 CLYDE FREDERICK PETERSON, B.S., Illinois Wesleyan University, 1939
 CARROLL RAY PETTY, B.S., 1941
 ROSS WILBUR PHILLIPS, B.S., Eastern Illinois State College, 1945
 DAVID HARRISON RADCLIFFE, B.S., Southeast Missouri State Teachers College, 1948
 KENNETH EUGENE ROLL, B.S., 1943
 CLIFFORD ST. JOHN, B.S., Illinois State Normal University, 1948
 SISTER M. GILBERTA KENNEDY, B.Ed., Illinois State Normal University, 1938
 HARRY EDWARD SMITH, B.S., 1950
 MARY DYER STARKS, B.S., Western Kentucky State Teachers College, 1941
 DONALD EDWARD SULLIVAN, B.S., Eastern Illinois State College, 1948
 FRANCES ANEMONE WILLIAMS, B.Ed., Southern Illinois University, 1945
 ANNOLA JANET HAWKINS WILSON, B.S., 1949

In Electrical Engineering

SERGIO ANTONIO ALESSIO, B.S., Fournier Institute of Technology, 1951
JAMES EDWARD AMS, B.S., 1951
ARTHUR JAMES BARRETT, B.S., University of Arkansas, 1944
JOHN LINDEN BENNETT, B.S., United States Military Academy, 1946
WALDO EMMERSON BERTONI, B.S., United States Military Academy, 1948
WILLIAM ALLEN BLACKWELL, B.S., Texas Technological College, 1949
WILLIAM MICHAEL BORMAN, B.S., Fournier Institute of Technology, 1951
ROMAN BRUCH, B.S., 1948
GLENN McDONALD CATE, B.S., Carson Newman College, 1950
JOHN NOEL DAVIDSON, B.S., Missouri School of Mines, 1951
JOHN MICHAEL DELVENTO, B.S., 1948
NORMAN J. ELLIOTT, B.S., 1949
STANLEY JOHN GOSLOVICH, B.S., Illinois Institute of Technology, 1950
WILLIAM WALTON HALL, JR., B.S., United States Military Academy, 1946
DAVID JARVIS, B.S., United States Military Academy, 1947
MILTON LOUIS KULT, B.S., 1951
ROBERT AKIN McDARIS, B.S., 1951
JAMES SAMUEL MCKINNEY, B.S., University of Tennessee, 1947
WILLIAM EARL MICHEL, B.S., 1951
EUGENE ALBERT MUELLER, B.S., 1951
WILLIAM FERDINAND SCHARRE, JR., B.S., United States Military Academy, 1946
HENRY ALBERT SCHOWENGERDT, JR., B.S., 1951
HERBERT ARDIS SCHULKE, JR., B.S., United States Military Academy, 1946
LEROY JOSEPH SMITH, B.S., 1951
PAUL DAVID SMITH, B.S., Rose Polytechnic Institute, 1950
HAROLD JOSEPH STIRLING, B.S., United States Military Academy, 1946
PAUL ANDREW VANCE, JR., B.S., 1951
ROBERT WILSON WHITE, B.S., United States Military Academy, 1947

In Entomology

GEORGE BROWNLEE CRAIG, JR., A.B., Indiana University, 1951
ROBERT FREDERICK HARWOOD, B.S., 1950
PATRICK TUNG MOON LUM, A.B., Earlham College, 1950
IVAN NOEL MCDANIEL, B.S., Eastern Illinois State College, 1951
ARNOLD CHARLES RASSO, B.S., Union College, 1948

In Food Technology

THOMAS FRANCIS CONLEY, B.S., 1950
LOUIS ALBERT WOLLERMANN, B.S., 1950

In Geography

JULIEN ARTHUR CONRARDY, B.S., 1951
WILLIAM RUSSELL HULL, B.S., Bradley University, 1951
MELVIN ROBERT WALSH, B.S., 1951
THOMAS HENRY WOODYARD, B.S., Eastern Illinois State College, 1951

In Geology

CHARLES ADDISON BARTON, B.S., Millsaps College, 1949
JACK REMO CENTURY, B.S., 1951
DOROTHY JEAN GORE, B.S., Principia College, 1948
ROBERT NEWELL GRINNELL, B.S., 1951
RICHARD HENSLEY VORIS, A.B., Augustana College, 1950
ROBERT GALE ZIRKLE, B.S., 1950

In Home Economics

JESSIE KATHERYNE MCLUCKIE, B.S., 1949

In Home Economics Education

HELEN LEE DORRIS, B.S., Southern Illinois University, 1947
JACQUELINE THEO JOENS, A.B., Iowa State Teachers College, 1950

MARTHA ANN PROUD JORDAN, A.B., Rollins College, 1947
 JESSIE WOODHOUSE MANRING, B.S., Northern Illinois State Teachers College, 1950
 IRENE B. McCONNELL, B.S., Bishop College, 1942
 MARY ELAINE RYAN, B.S., Illinois State Normal University, 1947
 EMMA CHANDLER TALLEY, B.S., Illinois State Normal University, 1945
 MARILYN JANE THOMAS, B.Ed., Southern Illinois University, 1944

In Horticulture

JAN WALLACE ABERNATHIE, B.S., 1951
 RAYMOND EDWARD ANDERSON, B.S., 1951
 ROBERT RUSSELL RICE, B.S., Colorado State College of Agriculture and Mechanical Arts, 1950

In Journalism

HOMER MORROW DALBEY, A.B., Indiana University, 1949
 WAVE MAXINE CHAMBERS ENGERT, A.B., Duke University, 1940
 ROBERT ERNEST VOGELE, A.B., 1950
 SALLY JOY WOODSON, A.B., Lindenwood College, 1950

In Library Science

IRENE KERSHAW AINSWORTH, A.B., MacMurray College, 1933
 OMAR ALBERT BACON, B.E., Wisconsin State Teachers College (River Falls), 1936; B.S., George Peabody College for Teachers, 1939
 MARY RUTH BARBER, B.S., Maryville College, 1947
 GERTRUDE STREET BINGHAM, A.B., University of Louisville, 1951
 LAVINIA MARGARET BOWER, B.S., University of Kansas, 1947
 BENJAMIN HARRISON BRANCH, JR., A.B., Guilford College, 1943; B.S., Drexel Institute of Technology, 1948
 IVAH FLORA CAMPBELL, A.B., B.L.S., University of Wisconsin, 1945, 1946
 ROBERT LELAND CARTER, A.B., Earlham College, 1949
 SARAH MABEL CASH, A.B., Huron College, 1947; B.S., 1948
 ELEANOR FUNG YIN CHONG, A.B., University of Hawaii, 1950
 ROBERT OREN CORKILL, JR., A.B., Kansas State Teachers College (Emporia), 1950
 JAMES BEAUPRE DODD, B.S., M.S., Southern Illinois University, 1948, 1950
 JOHN EDGAR DUSTIN, A.B., A.M., Washington University, 1947, 1948
 RICHARD ALAN FARLEY, A.B., Northland College, 1940; B.L.S., University of Wisconsin, 1941
 EUGENE THOMAS FROSIO, A.B., A.M., University of Mexico, 1945, 1950
 RALPH PHILIP HERRON, JR., B.S., University of Cincinnati, 1949
 CHARLES HENRY HEWITT, A.B., University of Arizona, 1944; A.M., University of Chicago, 1949
 NEVA NELL HUDSON, A.B., 1949
 MULHAMOOTLE MATHEW JOHN, A.B., Madras University, 1928
 ANN TELFAIR JOHNSON, A.B., Antioch College, 1933; B.S.(L.S.), Drexel Institute of Technology, 1949
 BETTY LOU KLEIN, A.B., Ottawa University, 1951
 ROSE MARIE LOMONTE, B.S., University of Houston, 1948
 ALICE ELIZABETH RASOR MARTIN, A.B., Ohio State University, 1928
 RUBY VESTA MARTZ, A.B., University of Oklahoma, 1942
 ELIZABETH WOODFIN MATTHEWS, A.B., Randolph-Macon College, 1948
 SIDNEY E. MATTHEWS, JR., A.B., Randolph-Macon College, 1948; B.L.S., University of North Carolina, 1950
 DAGMAR MICHALOVA, A.B., Rutgers University, 1949
 KATHERINE LARIMORE MONTAGUE, A.B., University of Tennessee, 1946
 MADGE JOSEPHINE MOORE, A.B., Western College for Women, 1949
 THOMAS EDWIN PARKS, B.Ed., A.B., Southern Illinois University, 1942, 1947; A.M., Washington University, 1948
 SONIA MARIE SANDEEN, A.B., Lawrence College, 1950
 MARION DOUGLAS SANDIFER, A.B., Mississippi College, 1951
 FRANCES HELEN SAUPE, B.S., University of Minnesota, 1940
 MARIAN JEAN SPEER, A.B., Monmouth College, 1945
 KATHERINE ADEN STAACK, A.B., Augustana College, 1947

SOPHIA ELIZABETH SULLIVAN, A.B., Presbyterian College, 1937; B.S.(L.S.), George Peabody College for Teachers, 1940
FRANCIS JOSEPH THIEGS, A.B., College of St. Thomas, 1950
MAIMU VABASALU, A.B., Kansas Wesleyan University, 1951
KATY VANTHOF, A.B., Iowa State Teachers College, 1925
ELIZABETH THERESA VOGENTHALER, Ph.B., DePaul University, 1935
MURIEL BROWN WALKER, A.B., Langston University, 1947; B.S., 1948

In Management

LEONARD STANLEY OLENGINSKI, B.S., University of Nebraska, 1949

In Marketing

KONSTANTINOS EFTHIMIOS ARMAOS, A.B., Eureka College, 1951
MARTIN GEORGE BERUTTI, B.S., 1951
JASPER WILLIAM BROCK, JR., A.B., Duke University, 1948
AARON HARRY HULL, B.S., 1951
HASSAN AHMED TEWFIK, B.Com., Fouad First University, 1947

In Mathematics

RICHARD SOLOMON BALLANCE, B.S., Northwestern University, 1951
KENNETH ALLYN BRONS, A.B., North Central College, 1951
EARL OWEN EMBREE, B.S., Morgan State College, 1950
CALVIN VIRGIL HOLMES, A.B., A.M., University of Mississippi, 1947, 1948
ROGER EDWIN MESSICK, B.S., 1951
MARSHALL EMERSON NOLAN, B.S., United States Military Academy, 1944
NORMAN EMIL SEXAUER, B.S., Northwestern University, 1949
GLENN HUGHIE SHERADEN, B.S., 1951
RAY FREDERICK SPRING, B.S., University of Cincinnati, 1948
CARL HENRY TROSS, B.S., 1950

In Mechanical Engineering

ALBERT OREN DAVIS, B.S., Tennessee Polytechnic Institute, 1949
JAMES EMMETT LOOS, B.S., 1951
WILLIAM LAWRENCE McNULTY, B.S., 1951
WALTER VINCENT PETERNELL, B.S., University of Akron, 1949
PHILIP IRVING STONE, B.S., Northeastern University, 1935
HAROLD ELMORE STRAUB, B.S., Missouri School of Mines, 1949
WALTER GEORGE ZIMMERMAN, B.S., New Mexico College of Agriculture and Mechanical Arts, 1950

In Music Education

ARNOLD BROWN, B.S., Juilliard School of Music, 1949
JOHN DUANE DORCH, A.B., Carthage College, 1943
JOHN FRANKLIN GUSE, B.S., 1951
EDWARD JAMES JONES, B.S., 1951
DOLORES BETTY KOSTKA, B.S., 1951
EUGENE WALTER LOFTISS, B.S., 1950
GEORGE JACK SCHULER, B.Mus., M.Mus., Illinois Wesleyan University, 1948, 1949

In Physical Education

EUGENE GRISWOLD CHEEVER, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1951
MARY DENT GRAY, B.S., Michigan State Normal College, 1950
ANNELIS STRANGE JENSEN, Certificates Denmarks Højskole for Legemsøvelser, University of Copenhagen, 1942, 1943
TAYLOR RICKEY LE FORT, B.S., University of Maryland, 1951
CHARLES GORDON PURVIS, B.S., 1940
CHARLES NORMAN SENG, A.B., McKendree College, 1951

In Physical Sciences

EDWIN WILLIAM DALEY, B.S., Rensselaer Polytechnic Institute, 1950

In Physics

HARLAN EUGENE ANDERSON, B.S., 1951
STEPHEN REYNOLDS ARNOLD, B.S., Massachusetts Institute of Technology, 1950
LEONARD BERNARD AUERBACH, B.S., College of the City of New York, 1951
JAMES OLIVER DYAL, JR., B.S., University of North Carolina, 1947
RICHARD LEE JOHNSON, B.S., 1951
ALAN B. KUPER, B.S., University of Chicago, 1949
ROBERT PAUL KUTARNIA, B.S., St. Lawrence University, 1949
RICHARD DALE PADGITT, B.S., 1951
WILLIAM MANGS PORTNOY, B.S., 1952
RICHARD WERNER VOOK, A.B., Carleton College, 1951
CHARLES HAMILTON WILCOX, B.S., Duke University, 1950
TAKETORA YAMAGATA, B.S., University of Tokyo, 1951

In Physiology

JAMES FRANCIS BRENNAN, B.S., 1950
PHILIP ALFRED BRUNELL, B.S., College of the City of New York, 1950
EDWARD JOSEPH REININGER, B.S., 1950
WALTER JOSEPH SCHREIBER, B.S., 1950
EARL WILSON SHELTON, B.S., Tennessee Agricultural and Industrial State College, 1950
IRA WEINSTEIN, B.S., Roosevelt College, 1949
HERBERT YEW KEE WONG, B.S., University of Dayton, 1949

In Plant Pathology

PATRICK MARTIN MILLER, B.S., 1950

In Speech Correction

ELLEN ANNE GERNON, B.S., 1951
NANCY SPITZE HAM, B.S., Northwestern University, 1945
MARIANNE THERESE HAMMER, B.S., University of Minnesota, 1948

In the Teaching of Biological Sciences and General Science

THOMAS JOSEPH BICKEL, B.S., 1951
JAY GLADSTONE GORE, B.S., 1951
FRENCH EARL ROGERS, JR., A.B., Berea College, 1949
MARY ESTELLE WILLIS, A.B., Spelman College, 1931

In the Teaching of Mathematics and the Physical Sciences

GERALD FREDRICH OCOCK, A.B., Valparaiso University, 1950

In Theoretical and Applied Mechanics

YOSHIRO HIGUCHI, B. of Engr., Tokyo University, 1944
RUSSELL WILLIAM KARRY, B.S., Michigan College of Mining and Technology, 1950
TETSUICHI MITSUDA, B.S., Rose Polytechnic Institute, 1949
MASAKI SUGI, B.Engr., University of Tokyo, 1951

In Zoology

SIMON ARZIGIAN, A.B., Catholic University of America, 1951
GLENN MARTIN FRIEDMAN, A.B., Columbia University, 1951
DONALD IRVIN FUNK, B.S., 1951
JAMES HAROLD GILFORD, A.B., University of Pennsylvania, 1950
ARTHUR ALBIN JOHNSON, A.B., University of Minnesota, 1950
THEODORE MATTHEW KING, B.S., Quincy College, 1950
JAY CHARLES PASS, B.S., 1951
CHARLES ROBERT PEEBLES, A.B., Cornell University, 1951
MYRON WINICK, A.B., Columbia College, 1951
WILLIAM ZEBRUN, B.S., Southern Illinois University, 1949

Degree of Master of Music

CHARLES LEMON BESTOR, A.B., Swarthmore College, 1948
 RICHARD LAWRENCE BOUCHARD, B.S., 1951
 CHARLES BRENNAND, B.Mus., Oberlin College, 1951
 JOSEPH GUY COLEMAN, B.Mus., Oberlin College, 1951
 GEORGE HENRY CRUMB, B.Mus., Mason College of Music and Fine Arts, 1950
 ELEANORE CASSIA DOWLING, B.Mus., 1946
 LAWRENCE THOMAS FREDRICKSON, B.Mus., Ohio Wesleyan University, 1950
 DANIEL WESLEY LIDDELL, B.Mus., Olivet College, 1950
 MARY SNOW MCCARTY, B.Mus., Indiana University, 1950
 MILDRED KAUFMAN SHIELDS, A.B., B.Mus., Hendrix College, 1950, 1950
 DORIS JEANETTE SNYDER, B.Mus., Oberlin College, 1951
 BEVERLY ANN WILLIAMS, B.Mus., University of Oklahoma, 1949

Degree of Master of Education

LAYIWOLA ADEDOYIN ADEDEJI, A.B., Southwestern College, 1951
 HERBERT A. AMMONS, B.S., Kentucky State College (Frankfort), 1950
 MARY MARJORIE ASHEY, B.S., Eastern Illinois State College, 1944
 KENNETH WAYNE BAILEY, B.S., 1951
 CHARLES DICKINSON BAIN, B.S., Northern Illinois State Teachers College, 1948
 HENRY THOMAS BERRY, B.S., Western Illinois State College, 1946
 DONALD JAMES BIRR, B.S., 1950
 WILLIAM DOYLE BUGHER, A.B., DePauw University, 1951
 CLARENCE DAVID CAMPBELL, A.B., Greenville College, 1949
 CARL WESLEY COHOON, B.S., Eastern Illinois State College, 1949
 JOSEPH TURNER CONNELLY, Jr., A.B., University of Kansas, 1950
 CALVIN LOUIS CRAWFORD, A.B., Allegheny College, 1951
 LAWRENCE EDWARD CURL, B.S., Illinois State Normal University, 1949
 GEORGE DAN DEMOS, B.S., Northern Illinois State Teachers College, 1951
 DOCTOR DUDLEY EVANS, B.S., Shurtleff College, 1951
 JOHN EDGAR FRAZIER, B.S., 1950
 ROBERT BURL FRAZIER, Jr., B.Mus., M.Mus., Illinois Wesleyan University, 1947,
 1948
 CARROLL OTHO GARRISON, A.B., Central College, 1939
 CHARLES OTTO GORDON, A.B., Blackburn College, 1950
 HENRIETTA HOFFMAN GREMLEY, B.S., 1951
 FRANCIS LESLIE GRIFFITH, B.Ed., Illinois State Normal University, 1939
 WILLIAM FRANK HAAS, B.S., 1951
 ASAPH CHANDLER HAMMOND, B.S., 1922
 WILLIAM ROBERT HEDGCOCK, B.S., 1951
 HARRY HARRISON HIGGINS, B.S., Eastern Illinois State College, 1948
 ROBERT HOWE HOLTZMAN, B.S., University of Minnesota, 1944
 IRWIN HORWITZ, B.S., Northern Illinois State Teachers College, 1951
 CAROLYN WHITCOMB JEFFRIES, B.S., Indiana State Teachers College, 1951
 DONALD MAX JOHNSON, B.S., Eastern Illinois State College, 1949
 MARGRIETA OSIS KREISMANIS, B.S., 1951
 FRANK BERNARD KUNTZ, B.S., 1933
 CARL MAURITZ LINDVALL, A.B., Augustana College, 1947; A.M., 1950
 JAMES ELLIS MACGREGOR, B.Ed., Illinois State Normal University, 1938; A.M.,
 1943
 DEANE WESLEY MARTELL, B.S., Beloit College, 1949
 YUKIO MATSUSHITA, Diploma for Secondary Teacher, Kyushu University, 1949
 WILLIAM MATTHIAS, Jr., A.B., Eureka College, 1950
 WILLIAM JAMES MCCONNELL, B.S., Arkansas State College, 1947
 RAHIMBAKHSH MOHAMMEDBAKHSH MEMON, A.B., University of Bombay, 1939
 JOSEPH ANTHONY MICKA, B.S., Illinois State Normal University, 1951
 ABDUL MOKTADER, B.S., M.S., Decca University, 1932, 1933
 EMMETT JOSEPH MOLL, B.S., Southern Illinois University, 1949
 JAMES O'BRYAN MOORE, A.B., 1950
 RICHARD LAWRENCE MOORE, B.S., 1951

RICHARD FRANKLIN POWERS, B.S., 1949
 KHURSHEED QURAIISHI, B.T., University of Punjab, 1938
 NILZA CONI CALDAS SANTOS, A.B., 1951
 CHARLES WALTER SOUTHARD, A.B., Shurtleff College, 1949; A.M., 1950
 BERTHA JAMPPEL SPERGER, A.B., Hunter College, 1949
 S. G. SULTAN, A.B., A.M., M.O.L., Punjab University, 1939, 1946, 1948
 ROY YOSHI TAKEYAMA, B.S., Bradley University, 1951
 MICHAEL JOSEPH TIERNEY, B.S., 1951
 WILFORD HERSCHEL VANDEVENDER, B.S., 1940
 MAXIMINIANO ASPIRAS VELASQUEZ, B.S., National University, 1948
 LOIS ADELINE WEAVER, A.B., State University of Iowa, 1945
 EDWARD EARL WEBB, B.S., Mississippi State College, 1938
 BETTY ELLEN WEBSTER, A.B., 1951
 WESLEY MERCER WISELY, A.B., Cornell College, 1951
 DAVID LOGAN WOLFE, A.B., 1950

Degree of Master of Social Work

JOHN JOSEPH ALDERSON, B.S., 1950
 LINCOLN BOSCO, B.S., 1949
 LORRAINE GRACE WALLACH CARREN, A.B., 1950
 ROBERT WILLIAM CULP, B.S., Bradley University, 1948
 FUMIKO FUKUDA, A.B., Roosevelt College, 1950
 MARION CORNELIUS HATHAWAY, A.B., Illinois Wesleyan University, 1949
 FREDRIC MYERS HEFTER, A.B., 1950
 ANA KOSTELNY, A.B., University of Minnesota, 1945
 HENRY OHLRICH KROGH, B.S., Lewis Institute of Technology, 1938; M.S., 1947
 CHARLOTTE LANDAU, A.B., 1950
 VIRGINIA SMYTH REEDER, A.B., College of Puget Sound, 1939
 ROBERT RAYMOND SCHROEDER, A.B., 1950
 ROBERT HENRY SICULAR, A.B., University of California, 1950
 IRVING ABRAHAM SPERGER, B.S., College of the City of New York, 1946; A.M.,
 Columbia University, 1947
 GUIDO JAMES TARDI, B.S., George Williams College, 1943

Degree of Master of Fine Arts

In Painting

EDWARD HOWARD BETTS, A.B., Yale University, 1942
 ALICE ADELLE BOATRIGHT, A.B., University of Arkansas, 1947
 DONALD COULSON EDELMAN, B.F.A., Washington University, 1951
 FRANCIS GEORGE GIRARD, B.F.A., Washington University, 1951
 BENJAMIN WHARRIE LAWLESS, JR., B.F.A., 1950
 JOSEPH EDMUND SCHWARZ, B.F.A., Ohio Wesleyan University, 1950
 PAT BOODELL WARTIK, B.F.A., 1950

Advanced Certificate in Education

DELSIA BEASLEY, B.S., Southern Illinois University, 1947; M.S., 1950
 BERNICE IRENE JANSSEN, B.S., Western Illinois State College, 1941; M.S., 1949
 CONSTANTINE GEORGE LALOPOULOS, Diploma, Teachers College, 1929; Diploma,
 Athens University, 1936, 1945; Ed.M., 1951
 SISTER M. EMMA CLEARY, A.B., Rosary College, 1940; A.M., Loyola University,
 1946

COLLEGE OF LAW

Degree of Bachelor of Science

In Law

JOSEPH PATRICK KOVAL	GEORGE MICHAEL MAROVICH
ROBERT EDWARD KUCZYNSKI	KENNETH RALPH PALMER

Degree of Bachelor of Laws

- JOHN ALEXANDER ANDREOS, B.S., 1951
 JOHN J. BAKER, A.B., 1950
 WILLIAM ERWIN BEYER
 DAVID RAYMOND BOND, A.B., 1950
 THOMAS MICHAEL BURKE
 ROBERT LEE BUTLER, B.S., 1951
 KEITH EUGENE CAMPBELL, B.S., 1950
 CLIFFORD MORTON CARNEY, A.B.,
 Michigan State College, 1949
 JOHN EDWARD CASSIDY, JR., B.S.,
 University of Notre Dame, 1948
 WILLIAM LOUIS DALTON, B.S.,
 Northwestern University, 1948
 JOHN WILLIAM DOOLEY, A.B.,
 University of Chicago, 1948
 THOMAS AUGUST FINK, B.S., Bradley
 University, 1950
 JAMES LOUIS FOREMAN, B.S., 1950
 BASIL GEORGE GREANIAS, B.S., 1952
 DOUGLAS EYER HAGER, B.S., 1951
 JOSEPH ROBERT HALE, B.S., 1950
 ROBERT LOUIS HANSON, B.S., 1950
 EDWARD JAMES HARRISON, B.S., 1950
 HARLAN HELLER, B.S., 1951
 THOMAS KING HOSTETLER, B.S., 1951
 RICHARD VENABLE HOUPPT, A.B.,
 University of Chicago, 1949
 LESLIE THOMAS HOUSER, B.S., 1951
 WILLIAM CARROLL JACKSON, B.S., 1950
 GORDON FLOYD JOHNSON, B.S., 1951
 HARRISON HOWARD KAVENSKY, B.S.,
 1950
 WALTER EUGENE KELLY, A.B., 1951
 JACK OAKLEY KENNEDY, A.B., 1949
 ROBERT EDWARD KESLER, B.S., 1951
 WILLIAM RAY KESLER, B.S., 1951
 CARL WESLEY LEE, B.S., 1950
 JOHN ALLEN LEEMON, B.S., 1950
 WILLIAM HOWARD MALMGREN, A.B.,
 Lake Forest College, 1935
 SHELDON BERNARD MAZOR
 ROBERT WADE McDONALD
 BERNARD LOWELL MINTON, A.B.,
 Illinois Wesleyan University, 1941
 WILLIAM EDWARD PARKER, B.S., 1950
 JOHN ELWOOD POPHAM, B.S., 1950
 JOHN TARRELL PRATT, B.S., 1950
 WILLIAM GILBERT RIDGEWAY, A.B.,
 Southern Illinois University, 1949
 MELVIN LLOYD SCHLUETER, A.B., 1950
 RALPH ENGLAND SHARP, JR., A.B.,
 1950
 RICHARD JOHN SHRAMM, A.B., 1950
 GUY HADLEY SLOAN, B.S., 1949
 EDWARD HARRISON SNYDER, A.B., 1950
 CONWAY LAMARR SPANTON
 EDWARD WILLIAM STUBBS, JR., A.B.,
 DePauw University, 1949
 ERNEST VERNON TEDFORD, JR., A.B.,
 1950
 LOUIS FRANCIS ULBRICH, Ph.B., Illinois
 Wesleyan University, 1949
 ROBERT EDWARD UTTER, B.S., 1951
 FRED DANIEL WELSCH, B.S., 1950
 RICHARD ROBERT ZIELINSKI

Degree of Doctor of Law

- RALPH VERNON FROEHLING, B.S., 1951
 EDWARD STANLEY GIBALA, B.S., 1949
 NATHAN EMILE HUMBRECHT, A.B., 1949
 RICHARD STANLEY TYLER, B.S., Indiana
 State Teachers College, 1950

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

- EDWARD THEODORE ABBOTT, with High
 Honors
 JOHN TORRENCE ALDERSON, with Honors
 FRED ARTHUR ATTERBERRY
 EUGENE PHILLIP AYLWARD, with High
 Honors
 ROBERT MAHL BARNES
 FREDRICK JOSEPH BAXTER
 HOMER HONEYWELL BEALL, JR., with
 High Honors
 DEANE OLIVER BEHREND
 MARVIN WALTER BERSCHET
 JOHN RUSSELL BIGGER
 PETER ANDREW BONUCCI, with High
 Honors
 GEORGE DEAN BOTTRELL
 JAMES ABRAM BRILL, JR.
 SAMUEL JOSEPH BUCK, JR., with High
 Honors
 JEAN STUART CARNEY
 WILLIAM MAX COON
 VAUGHN ALEXANDER CRAFT
 PAUL MURVIN CROUSE
 GEORGE SHUMAN CURTISS
 WILLIAM MCKELVEY DAMISCH
 EDWARD ALEXANDER DANIELSON
 EARL DAVIS
 ROBERT LOUIS DAVIS, with High
 Honors
 ROY DEAN DILLON, with Honors

LEE NELSON DREIMAN
 IVAN HERBERT DREMANN, with Honors
 LAWRENCE EDGAR EATON
 DONALD EDWARD ECKHOFF
 DONALD WAYNE EDWARDS
 WALTER BERNARD EICH, JR.
 CARL RUSSELL EKENA
 WAYNE KERMIT ELLIOTT
 MARVIN WALTER ENGELHARDT
 WALTER GORDON ENSTROM, with High Honors
 CHARLES WILLIAM FECHTIG
 WALTER LEO FEHRENBACHER, with Honors
 MICHAEL JOSEPH FIBICH, JR.
 DON EDWARD FINLEY, with Honors
 MARTIN MANUEL FLEISCHER
 RALPH LESTER FORREST, with Honors
 RONALD EUGENE FOWLER
 RONALD EVERETT GANSCHOW
 ALBERT IRVING GLEASON, with Honors
 JOSEPH GORSIC
 ROBERT EDWARD GREEN
 JOHN EDWARD GREENFIELD
 PETER CRAIG GRIFFIN, with Honors
 PAUL GRIMINGER
 HARRY LEO GULLETT, JR.
 ROBERT FREDERICK HACKER
 DONALD RAY HAERR, with Honors
 DONALD CHARLES HALLBICK
 JOSEPH CHARLES HEADLEY
 DAVID JOHN HEATON
 ROBERT GAIL HELTSLEY, with High Honors
 JOHN BURNETT HEMWALL, with High Honors
 JOSEPH EMMETT HENEBERRY
 MERLYN CARL HEYEN
 ALDEN ROSS HICKMAN, with Honors
 GERALD ALBERT HILL
 WILLIFORD A. HOCKETT
 STANLEY DAVID HONN
 RONALD ZIEGLER HOOD, with High Honors
 WILLIAM ERNEST HOPKINS
 WILLIAM HOUSTON HUGHES, with Honors
 LYNNE HARRIS HULL, II
 GERALD EARL HULSLANDER
 DONALD JAMES HUNTER, with Highest Honors
 RUSSELL EUGENE HURST
 ROBERT FRANK HUSPEN
 ROGER REX ICENOGLE
 JAMES WILLIAM IRVIN
 EDWIN AUGUST JÄENKE
 THOMAS HOWARD JENNINGS, with Honors
 DONALD ELON JOHNSON, with High Honors
 MAURICE EDWIN JOHNSON

J. BENTON JONES, JR.
 GERALD GENE KEARBY
 WENDELL MAX KIMBROUGH
 DONALD GENE KING, with High Honors
 DONALD JAMES KOEHLER, with High Honors
 ROGER EMIL KRULL
 MAX RAYMOND LANGHAM, with High Honors
 FLOYD NORMAN LANKENAU
 CHARLES NORMAN LARRANCE
 WALTER HAMILTON LLOYD, III
 EUGENE MARTIN MALONE
 JAMES PAUL MARKWELL
 JOHN RICHARD MARSHALL, with Honors
 HENRY LEE MAXWELL, with Honors
 JOHN PETER MCCABE, JR.
 HAROLD RICHARD MCFARLAND
 BERNARD LEO MCKEAN
 HARLAND C. McLAUGHLIN, JR.
 EUGENE WILLIAM MERKLE
 RONALD SOLIS MOORE
 DEANE ARLEN MOREY, with Honors
 RALPH CLIFFORD MORGAN
 JAMES LEWIS NORMAN
 JOHN DUANE ORCUTT
 BENJAMIN WILLIAM PUGSLEY
 VERNON HARRY RASCHER, with Honors
 JOSEPH DANIEL REEDY
 RICHARD CLAIR REYNOLDS
 LOUIS CARL RIEKER, JR.
 EDWARD ROUX
 CHARLES EDWARD RUEB
 HARLAN LAVERNE SAILOR
 ROBERT EUGENE SATTLER
 ALVIN WALTER SCHADE
 CARL WILSON SCHMIEDESKAMP
 LESTER DAVID SCHRÖLL, with Honors
 JAMES VICTOR SCOTT, with Honors
 BURTON LEE SHANN
 DON EARL SIMMEN
 NORMAN LEE SLACK
 JAMES BERNARD SNAVLEY
 DAVID CLARENCE SNETSINGER
 MAX EDWARD SPARKS, with Highest Honors
 QUENTIN V. SPARKS
 JERRY ALBERT SPRINGER
 EDWARD ARTHUR STAHLY, with Honors
 DURWARD SIGMUND STANISLAWSKY
 DONALD KEARN SURGEON
 DALE LEON SUTTER
 ROBERT LEE SVEHLA
 MERLE DEAN SWAIN
 DONALD PAUL SWANLUND
 ROGER LEE SWANLUND, with Honors
 HAROLD WILLIAM SWART, with Honors
 LEWIS LEAVELL SWINK
 CHARLES GEORGE TOMM
 PETER JEROME TREPANIER

ROBERT WILLIAM UHLIR
 CHARLES VAVRUS, with Highest Honors
 HOMER CLIFFORD VICKROY
 DONALD EUGENE WALKER, with Highest Honors
 RICHARD DOUGLAS WELLER
 WILLIAM HOWARD WESTERN
 HARRY CHARLES WHITE

ELMER DEAN WILCOX, with Honors
 DONALD ROBERT WILKEN
 WALTER EDWIN WITTORFF
 GEORGE JOSEPH WRIGHT, with Honors
 JOHN FRANCIS WRIGHT
 RICHARD CHARLES YAKEL
 RICHARD JOSEPH YERO

In Dairy Technology

JAMES HUNTER BENDER
 LEROY BRANDSMA
 ROBERT RAYMOND GROSSNER
 LINCOLN ARTHUR HERREID

ALBERT JUNIOR KOLTVEIT, with Honors
 THOMAS ORVILLE MENEES, JR.
 DANIEL KRAUSE SHEPARD, with Honors
 HAROLD KEITH WILSON

In Floriculture

REYNOLD REITZ ALDE
 MARILYN EDITH BRISCHKE, with Honors
 ROBERT EDWARD DAVIS
 RALPH EVERETT DODD

JACK LOMONACO
 DONALD DAVIS McLAIN, JR.
 RAY ROBERT WILKE
 ROBERT CLAUDE YOUNGBLOOD

In Food Technology

ROBERT MARTIN EGGLESTON
 CARLYLE DEAN READ

NORMAN EMIL SCHMITT

In Home Economics

MARILYN JARVIS BAKER, with Highest Honors
 FLORENCE ELAINE BEEBE, with Honors
 GRACE ELIZABETH BEHRINGER
 MARIANNE BENSON
 JOAN BODENMANN
 MARY JOY BRICK
 MARIANA LOU BYERLY, with High Honors
 YVETTE SUSAN COOPER
 SHIRLEY MAE COTTRELL
 RENEE LOREE DODERLEIN
 NANCY ANN EVERINGHAM
 JO ANN COLLEEN FOLKS
 CHARLOTTE CLAIRE GERBER
 NORMA JEAN HANELL, with Honors
 BARBARA ANN HERRMANN
 MARY CORTHELL HOADLEY
 HELEN LIND HOBSON
 ELEANOR WHITE HULBERT
 BARBARA LOUISE HULL
 MARY JANE JINKINS

EVELYN DEANE JOHNSON
 ELAINE AGNES JOSEPHSON
 SARAH JOANN LINDSAY
 JORETTA ANN MARCHELLO
 MARILYN ANN MARTELL
 CHLODENE AMELIA MIKETTA
 MARILYN TROTTER MOORE
 AUDREY ANN NEUMANN
 JULIA OHNYSTY
 CAROL NAOMI PELLY, with Honors
 LORA LEE PLAYER
 CYNTHIA FRANCES RALSTON, with Honors
 DOROTHY MAE SCHRADER
 MARILYN SCHUELER, with Honors
 LOIS MAE SERGEANT
 MARY CATHERINE SINCLAIR
 BARBARA ANNE THIEBAUD
 JUDITH ESTHER TOUBES
 ALICE MARION TUMA
 SHARON JEAN VALENTINE

In Home Economics Education

PHYLLIS JEAN BLUE
 BARBARA ANN BUCHHOLZ
 MARJORIE JOAN DOEHRING
 JUSTINE KAY EBERT, with Highest Honors
 ELEANOR EKLUND HAAS, with Honors
 NAOMI RUTH HARNER, with High Honors
 WILMA WYNETTE HOLLISTER, with Highest Honors

ELIZABETH LOUISE KAPRAUN
 MILDRED ANN KORNEGGER, with Highest Honors
 SARA MARGARET LEWIS
 PHYLLIS LEE MACDOUGALL, with Highest Honors
 MARY SUSAN MANN
 RUBY CAROLYN MARSH
 CHARLOTTE ELIZABETH ORCUTT
 PHYLLIS JOAN SCOTT

RUTH LILLIAN SMOOT, with Honors
LORNA VENDETTA SPRINGER, with
Honors
ELVIA LOUISE TARBLE
PRISCILLA JANE UEBERRHEIN, with
Honors

EMMA KATHRYN WALDSCHMIDT, with
High Honors
CATHERINE JOSEPHINE WILBER

In Restaurant Management

THOMAS ATTERBURY ALLEN
WILLIAM CURTIS HEDGES

JOSEPH BUREL HUDDLESTON

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

LOREN HAROLD ANDERSON
LOWELL BENJAMIN ELDRENKAMP
WILLIAM DEAN GREENFIELD, with High
Honors
JOSEPH EDWIN GROSS
FRED CHARLES HALL, with High
Honors

ROBERT HUGH JOHNSON
CORLISS ULRIC LAISURE
GILBERT RUDOLPH LANGE
RICHARD PAUL LUCAS
JEROME EDWARD QUIST
ROBERT OTTO RADA
DONALD ARTHUR YALE, with Honors

In Agricultural Engineering

FORREST EUGENE DRYER
JAMES ARTER GARMAN
DAVID MARTIN HARRIS, with High
Honors
LOUIS JOHN HARVATIN
JOHN ROBERT HUBER, with High
Honors

DAVID CORNELL RALSTON
HAROLD ALAN RALSTON
NORMAN LEE SLACK
PETER JEROME TREPANIER

In Ceramic Engineering

JAMES ANDERSON CARLEY
RICHARD LESLIE COMER
MARLYN LEE HANSON
FRANCIS JOSEPH HOERRMANN
EDWARD PAUL KARLOVSKY
DONALD EDWARD KRAFT, with High
Honors

TERENCE PATRICK NEALON
JOHN SCHULTZ, Jr., with Honors
JOHN DEAN SITZLER
WILLIAM KEITH SODERSTRUM
DONALD BLAINE TOLLY

In Civil Engineering

SADIK KEMAL AKSEL
WILLIAM DONALD ARENBERG
CHARLES NEWTON BAINBRIDGE
LOUIS BAUCHER, Jr.
CARROLL JAMES BERNHARDT
WILLIAM LAVERNE BOST, with Honors
ALLAN LEE CARPENTER
ALAN LOUIS CHASE
HENRI EUGENE COWGER, with High
Honors
ROBERT B. DELLERT
LAWRENCE EDWIN DEUSCH
RICHARD GENE ELLIS
JAMES ALBERT ERIKSON
ELMER THEODORE ERNST
THEODORE ESSER
CLARENCE JOSEPH FLEMING
WALTER JOHN FURMAN
ROBERT JOSEPH GALLENBACH
DAVID MARSHALL GEARY

HOWARD OLIVER GILBERTSEN
PAUL GORDON
ERIC ARTHUR GRAEPP
JOHN ANTHONY GRUBENSKY
JACOB HAYYA
DALE JOSEPH HENRY
LAWRENCE DAVID HUMBARD
ROBERT JOSEPH HUNTER
EDWARD LYLE HUSTON
JOHN ROBERT JOMBOCK, with Honors
WALTER JOVOVICH
ALFONSAS JUODIKIS
ARTHUR MICHAEL KAINDL, Jr.
EMORY LELAND KEMP, Jr., with High
Honors
DAVID J. KINCAID, Jr.
THOMAS FRANCIS LEAHEY, with High
Honors
WILLIAM RUDOLPH LOIKETS
JOHN LOWELL LOWER

JOHN M. MARINOPOULOS
 THOMAS PETERS MCCORMICK
 KENNETH GORDON MEDEARIS
 WILLIAM EDWARD MYERS
 FRANK JOSEPH RICE, JR.
 DANIEL GATTON RINCK
 HARRY MORRIS ROBERTS
 RICHARD EMIL SKOGSBERG

JERRY ANNALDO STEDING
 RAYMOND STEFANKO
 ALBERT REED STEPHENSON
 ALFRED JOSEPH TARABORI, with Honors
 ALFREDO DEVERA VERGARA, with High Honors
 THEODORE VIRGILIO, JR.

In Electrical Engineering

CARL BRUCE BARNES
 JOHN WILLIAM BECKEL
 THOMAS EARL BELING
 JOHN NELSON BUTERBAUGH
 JOHN HARRISON CAGE
 KENNETH LOUIS CARLSON
 GEORGE ROBERT DAVIS
 ALFRED HEDLEY DONAHOE, with Honors
 EDGAR JUNIOR DUNN
 WILLIAM SHERIDAN ECKESS, JR.
 SHERMAN HERBERT FABIAN
 DONALD BURTON FALK
 AGOSTINHO PEREIRA FERREIRA
 JAMES PATRICK MARTIN GAUGHAN
 OLEG GOLUBJATNIKOV
 JOSEPH FONG SEN GOO
 NORMAN GRANDOS
 EDWARD JAMES HAUGE
 MILTON HERBERT HIEKEN
 WILLIAM ALBERT HIRSCH, III
 HOMER RICHARD HOVING
 RUDOLPH CHIA-CHAO HWA, with High Honors
 JOSEPH GEORGE JABLONSKY
 FREDRIC KAHN
 FRANK STANLEY KASPER, with Honors
 EDWARD EUGENE KININGHAM
 RAYMOND GORDON KNAUSS
 HENRY VIRGIL KRONE
 CHARLES JOSEPH KUKURA
 ROBERT WILSON LASHER
 FRANK PAUL LEWANDOWSKI

HAROLD VERNON LIND
 FRANK ALBERT LITZ, with Honors
 RICHARD ALDEN MCCLURE
 LAWRENCE MICHELS
 GEORGE LESLIE NUSS, JR.
 JAMES ARTHUR PARENT
 EDWARD JOHN PROCHASKA
 JOHN THOMAS QUEALY, with High Honors
 RAYMOND KARL REUSCH
 WILLIAM JAMES RICHRATH
 ARTHUR LOUIS ROSENSTEIN
 ELWOOD RAE SCHMIDT, with Honors
 WILBUR EMIL MEDDY SCHMIDT, with Honors
 ROBERT FRANCIS SCHUNNEMAN, with Honors
 JOHN FRANCIS SHRAGAL
 WILLIAM COULBOURN SMITH
 BENJAMIN LONDON STAHLHEBER
 EARL EDWARD STEGEN
 ARTHUR DANIEL STOESSER
 EUGENE STONER, with Honors
 RICHARD LEE STORER
 RICHARD LEE SYDNOR, with Honors
 PHILIP KENTON TRIMBLE, with Honors
 RICHARD LEE UHRIK
 LEO MICHAEL WALCH, JR.
 RICHARD ANTHONY WINSAUER
 ADOLPH JOSEPH WOLSKI
 SIANG-WEN JOSEPH YANG

In Engineering Physics

SHELDON FRANCIS BEST, with Honors
 BRUCE MARRS BROWN, with Honors
 SAMUEL DZIK
 JAMES THOMAS EPHGRAVE
 ROBERT HYATT FISHER
 FRANK JOHN FISHMAN, JR., with High Honors
 RICHARD C. GROLA
 JOHN EDWARD HINDE

DONALD HERBERT JANNEY, with High Honors
 CHARLES EDWARD KASSEL, JR.
 ROLF EUGENE LINQUIST
 MICHAEL FRANCIS MILLEA
 AUGUST OMER QUENON, JR.
 PAUL NORMAN SHOLTZ
 MILTON WILLIAM VALENTA
 RICHARD CHARLES WIKQUIST

In General Engineering

GEORGE JOHN BARTUSEK
 GERALD ERWIN BRAUN
 GERALD DEWAYNE GIFFIN
 HARRY EDWARD HAWKINS
 FREDERICK RALPH HOUSER

ROBERT STEPHENS MACKENZIE, JR.
 GERALD MEREDITH MAGEE, JR.
 RONALD EDWARD MATHIS
 ARTHUR ERNEST MOLZAN
 MARTIN NORMAN NOLING

In Mechanical Engineering

PETER ANTHONY ABITANTE	FREDERICK MOY HUGH
JOHN ROBERT ALLES, with High Honors	EMIL GEORGE KADLEC
GERALD EDWIN ANDERSON	WALLACE GORDON KARRAKER
DONALD ROBERT BAHNFLETH, with High Honors	EARL ROBERT LANE
HAROLD CHARLES BEHRENS	NORMAN CARL LANGE
RICHARD BENJAMIN BLASKI	FRED EDMUND LARSON
RALPH ORVILLE BRUNT	HAROLD HICKMAN LAWS, JR.
BILLY STEWART CAMPBELL	DAVID FORREST LEMONS, with Honors
JAMES ERNEST CAMPBELL	RONALD EDWARD LUNDBERG
GEORGE COURTNEY CHAPMAN	JAMES PATRICK LYONS
ROBERT LOUIS CRAMER, with High Honors	THEODORE MUELLER
RODNEY CRAWFORD	ROBERT RICHARD NAUHEIMER
CHARLES CUMBY, JR.	ROBERT ARTHUR NELSON
CLYDE FRANCIS CZERNEK	JAMES MONTAGUE NOLAN
DAVID LYNN DAY	DAVID WILLIAM O'HALLERAN
RICHARD CARL DEUTSCH	HERBERT GORDON OLSON
HARRY DYCKMAN DREGER	ROBERT THOMAS REINSCH
ROBERT EARL DREW	ROBERT MARTIN SHEFFER
RICHARD PAUL ECKLUND	THEODORE EARL SLADEK
GUSTAV JAMES FEHLHABER, with High Honors	DONALD KENT SLANEY
LEONARD EUGENE FERGUSON	EARL SMITH
GEORGE THOMAS FIALA	RONALD LeROY SMOOT
WILLIAM COLUMBUS FLANAGAN	DONALD VICTOR STENGER
EDWARD FOSTER FORT, with High Honors	BRUCE WALKER STOWE
JAMES ARTER GARMAN	EDWARD FRANK SVOBODA, JR.
ROBERT DOBSON GRAHAM	DAVID T. TAKADA
SALVATORE JOSEPH GRASSADONIA	WILLIAM HARVEY THOMPSON
SADIK HASAN HABIB	HSUEH CHENG TONG
IRVING HARRY HALLBERG	JEWELL WILLIAM TRYON
PAUL MARK HASSLER	DAVID WILBUR VIAL
RALPH ROBERT HERRICK, with Honors	RALPH OLIN VIRENE
BERNARD WILLIAM HILTON, JR.	JOHN ALBERT VOGT
RICHARD CARL HOLMBERG, with Honors	CHARLES HENRY WADE, with High Honors
JAMES ALBERT HORN	NORBERT ALBERT VALENT
JOHN STEPHEN HORSLEY	MILLAGE MILLER WHITE, with Honors
CHARLES RICHARD HUDSON, with Honors	JOHN ROY WILHELM
	JAMES WILLIAM WILKINS
	JAMES CARUTHERS WILLIAMSON
	PHILIP EUGENE WOOD

In Metallurgical Engineering

RICHARD DICK BENNETT	VITO VINCENT MITKUS
JOSEPH BORRINO	BURTON E. SCHANER
JAMES RICHARD KERR	PAUL GRIFFITH SHEWMON, with High Honors
ROY STANLEY LADLEY	ALVIN DAVID SHULMAN
RICHARD JOHNSTON McCLINTICK, with High Honors	JAMES TRAVIS STANLEY, with Honors
SHERWOOD WILLIAMS McGEE	ROBERT EUGENE THOMAS
JOSEPH MELILL	PAUL FRANCIS ZIEGLER

In Mining Engineering

LEONARD LEON FELTS	JORGE LUIS QUIROS
PAUL RAYMOND PENROD	DONALD EDWARD SCHECK
ROBERT LEE POUNDS	

In Sanitary Engineering

GEORGE FREDRICK HECK, JR.	HUGH GLEN ROSE
JOHN IRWIN THOMAS MOLONEY	

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

PRISCILLA ROSE ALDEN, with Highest Honors in French	ERWIN JOHN DORR, JR.
ROBERT ANDREW ALEXANDER	STANLEY EUGENE DOWNS
ANNE VERONICA ANDERSON	SHIRLEY MAE DREUTH, with High Honors in Speech
BARBARA JOYCE ANDERSON	DOROTHY MARILYN DREWES, with High Honors in French
MILDRED EILEEN ANDERSON	DAVID ARTHUR DUERWACHTER
RICHARD DAVIS ANDERSON	PETER JOSEPH DUNN
FRANK WILLIAM APPLEBY	DORIS WATSON EASTMAN
JOYCE HELEN ARMSTRONG	JOHN BONAR EASTMAN
RUSSELL NORMAN BABCOCK	GENEVE MARJORIE EDWARDS
MARINA MAE BADGETT	OSCAR MICHAEL EHRENBERG
ALLAN J. BAGLEY	RAYMOND DONALD EIRICH
MARY EVELYN BANE	STANLEY LAWRENCE ELKIN, with Honors in English
FRANCIS EARLE BARCUS	RAYMOND FREDRICK ENDRESS
JEANNE MARIE BARKER	THOMAS EUGENE ENGLAND
KEITH DAVIES BAUMANN	ANN ERWOOD
MARTHA HANNAM BELL, with High Honors in Botany	ELLEN LOUISE FALES
NUEL DINSMORE BELNAP, Jr., with Honors in Philosophy	MARY A. FALETTI
ROBERT BRUCE BENNORTH	ADAH ADAIR FELIX
MARY JOSEPHINE KOONS BERGER	JOANNE O'KELLY FERGUSON, with Highest Honors in English
ROYAL RAMON BERNIER	WILLIAM EVANS FIFE
CONRAD ARTHUR BETON	IRVING SIDNEY FISHMAN, with Highest Honors in Political Science
DANIEL JOHN BOBBITT, with High Honors in Sociology	ROBERT LEROY FOSTER
ALBERT JOSEPH BONA	RICHARD OSMER FOX
VERA MADSEN BORRINO	NANCY ANN FRICKE
MORTON JAY BRAVERMAN	ROBERT WILLIAM FUELLEMAN, with Honors in Sociology
NORMA JEANNE BROWN	JEANNE ANNE FULLER
JOYCE EDRIS BRUNNEMEYER	JOHN THOMAS GARRITY
KENNETH GREGORY BUGAN	WILLIAM MANFRED GARTMAN, with Highest Honors in German
LAWRENCE JOSEPH BUTKUS	JOAN EVELYN GOHDE
WILLIAM FRANCIS BUTLER	CHARLES REMINGTON GOLDMAN
CAROL CHALFONT CALDWELL	DAVID LLOYD GRAY
CORNELIA LEE CANNON	MYRON GREENMAN
HELEN LOUISE CARTER	SALVATORE JOSEPH GUALTIERI
CHARLES RILEY CARY	RONALD DEAN GUNN
ROBERT JOHN CASPER	JUDITH LU HAECK
ROBERT EDWARD CERNY	WILLIAM FRANKLIN HANKS
DEAN EUGENE CLABAUGH, with High Honors in Political Science	ERNEST WILLIAM HAUSER, with High Honors in Psychology
BARBARA JEAN COFFEEN	JOYCE HEATH, with Honors in Spanish
STANLEY EDWIN COHEN, with Honors in Political Science	ROMUALD LUCIAN HEJNA
LEE COLOMBIK	MARILYN ANN HELM, with Highest Honors in History
CLYDE SHERMAN CONGDON, with High Honors in Psychology	FRED AUGUST HELMHOLZ
JOEL CORD, with Honors in Economics	BARBARA BOLL HERNDON
EMORY WAYNE COWAN	MARTIN JOHN HERZOG
ROBERT COX CRAIG	SYDNEY SUE HILL
MARY LOUISE CRAMBLETT, with Highest Honors in English	WALTER THEODORE HOLST
CAROL CORINNE CROUCH	NATALIE HOROWITZ
CLAYTON FORREST DAUGHERTY	BESSYE LOUISE HOUT, with High Honors in History
NANCY LORRAINE DEGNER	MARGARET LOUISE JACKSON
JAMES BALL DICKSON	
JO ANN DOLLEY	

- DAVID LOUIS JOEL, with High Honors
in English
- BARBARA KING JOHNSON
PATRICIA BARTLETT JOHNSON
ROGER OWEN JOHNSON
RONALD CONANT JOHNSON
ISOLA NELSON JOHNSTON
JOANN DAYTON JONES
WALTER JUSZCZYK
SHERWOOD BENTON KAINS
VERA TIHANOVNA KANAREFF, with
High Honors in Psychology
- KIRK MILTON KANDLE
MAMIE ELIZABETH KIMBROUGH, with
Honors in Sociology
- RICHARD FREDRICK KOCH, JR.
IRENE MARY KOCHNUK
BARBARA JEAN KOZEL
KATHLEEN CAMPBELL LADLEY
RICHARD ROSS LANE
LESLIE LASZLO
ROBERT CAROL LAUCHNER, with Highest
Honors in Political Science
- WILLIAM HODGE LAYER
BETTY H. LEVEEN, with Honors in
Sociology
- ELLIS SHERWIN LEVINE
GAIL WARD LEWIS
CHUI-HSUN LIU, with Highest Honors
in Political Science
- THOMAS JOSEPH LOGUE
BARBARA ANN THERESA LUND
JOAN TRACY MACDONALD
JAMES EDWARD MACKIN
EARLE ARVEY MALKIN
THOMAS REID MALONEY
BILLIE JOANNE MANNHARDT
BARBARA MARIMON
ROBIN LEROY MARKHAM
MARY JOAN MATHES, with Highest
Honors in Economics
- JEAN MCKAY
PATRICIA ANN MICHELMAN
JEAN MIDDLEMAS, with High Honors
in English
- ALAN GERSHAN MILLER, with High
Honors in History
- RICHARD KEITH MINOR, with Honors
in Political Science
- JOSEPH LAURENCE MOHAN
EDGAR ALLAN MOSER
ALFRED EDWARD MOSSNER
JOHN RAYMOND MULLIGAN
JAMES ALLEN MUMM
JAMES ARNOL NEWMAN
JOHN NIEMINSKI, with High Honors
in History
- LESLIE NIXON
WILLIAM STEVEN NOONAN
BEVERLY JOAN NORRIS
STEPHEN JOSEPH O'FLAHERTY
EDWARD TOSHINOBU OKUBO, with
High Honors in Political Science
- MARY LOUISE OMAN
MARCIA JEAN ONEAL
GRETA NADYNE ORR
MARJORIE RANDOL OSBORN
FRANCES MARGARET PAUKSTA
MARTHA ELIZABETH PENWELL
ALAN JOSEPH PESHKIN, with Honors
in International Affairs
- IRENE AMELIA PETERS
JEAN SULLIVAN PETERSON
BARBARA ALICE PIERSON
MARSHALL DAVID PINES
NANCY BARBARA GREENBERG PLOTKIN
NATHAN PLOTKIN
FELICIA BIESZCZAD POZATEK
ROBERT CARL POTTER
HARVEY JOSEPH POWERS
JAMES WARD PRINGLE, with High
Honors in History
- HAZEL SHEPHERD PURNELL
JOSEPHINE ABBOTT RANDOLPH
PAUL EDWIN RANSDELL
ROBERT WILLIAM ROGERS
JAMES RAYBURN RUSSELL
PEGGY JOAN RUST
CHARLES EDWARD RUTH
WALTER FRANCIS SABLACK
SHIRLEY ANNE SANDERS
ROBERT LEROY SANDS, with High
Honors in Political Science
- ROBERT EDWARD SANNER
GWEN JEAN SATTERLEE
MARY LOU SCHAEFLEIN
CARYL FRANCES SCHAUMBERGER
SUZANNE LOUISE SCHMIDT
ALAN SCHOEN
BARBARA JEAN SCOTT
LLOYD MORTON SCOTT
ELIZABETH LORRAINE SHAVER
RICHARD JAMES SICHROVSKY
IRA DAVID SIMON
DONALD ORION SKILES
SHIRLEY JEANNINE SMITH
ALAN LAWRENCE SOFFIN, with Honors
in English
- PETER YUTAKA SOWA
MARJORIE ELAINE SPAFFORD
DONALD DAVID SPAK
DONALD FREDERICK SPILLE
VERNON E. STAHLBERG
DOROTHY YVONNE STINE
VIRGINIA ROSE SULLIVAN
CARL EUGENE SWENSON
MARABETH RUCH TAPLIN
NANCY JULIA TEGGER, with High
Honors in Political Science
- JAMES JOSEPH THOMAS
MARIE RIZZOL TINER
TOMAS ARMANN TOMASSON
JOHN CARLIN TOMME, JR., with
Honors in English
- ALFRED WITNEY TRAVERS
DONALD LEROY TROEMEL

PEGGY L. TURNER
 HENRY LAWRENCE UHLENHOP, JR.
 ROBERT JAY ULBERG, with Honors in
 History
 ROBERT EMIL ULBRICHT
 ANN LICHTENWALTER UNDERHILL
 ELINOR ANN USHER
 CECILLE WARSCHAW
 BRUCE ROBERT WELLEK, with Honors
 in English
 BARBARA JEAN WEST
 JULIA LOUISE WIECK
 KENNETH EARL WILK

MARION JANE WILLIS
 DONALD KENNETH WILSON
 MARGARET JANE WILSON
 RICHARD HAROLD WILSON
 PHYLLIS LOUISE WINKLEBLACK
 KATHERINE THERESE WOLCOTT, with
 Honors in Spanish
 DONALD MCCREERY WOLFE
 BENJAMIN EDWARD WOLFF
 CLIFFORD GILBERT WOOD, Jr., with
 High Honors in English
 NANCY YURIS
 JUDITH ELLEN ZVEROW

In the Teaching of English

JO ANNE BRUBAKER
 JEANNE FRANCES CLAEYS
 LOUISE AMELIA GOOLD, with High
 Honors
 MARILYN PAULINE HACKMAN
 JOANNE HINDMARSH
 MARGARET FRYE HOLWICK
 EVELYN ANN KASPERSKI
 MARGARET PFLAUM LARSON, with High
 Honors
 SUSAN ANN LOVING
 GENE EDISON LYNN, with High Honors

GRACE DARLING MAXWELL
 MARJORIE ANNE MILLER
 SHIRLEY DELORIS NELSON
 DONALD ROBERTS PENNINGTON
 CARMEN POLLACK
 ALICE J. PUSHIAN
 MARY CATHERINE RILEY, with Highest
 Honors
 EDWARD JOSEPH SMAGACZ
 RALPH FREDERICK SOELZER
 CYNTHIA ODESSA SUPPLES
 JOHN JOSEPH VIZGIRDAS

In the Teaching of French

BARBARA RUTH BALDUS
 RALPH IRVIN JOHNSON
 PHYLLIS JOAN MONSON

MABEL ANN PARKER
 RITA KATHERINE ROBBINS

In the Teaching of German

ELLEN MARION SALOMON

In the Teaching of Social Studies

EUGENE DONALD ANDERSON
 ANDREW THOMAS BAIER, with Honors
 MARJORIE MAE CLEVEN, with Honors
 NANCY RAE COFFLER
 GLORIA EILEEN CONWAY
 JEAN MARILYN HANSON
 GEOFFREY LEE HAWES
 MARY ANN HOLDOWAY
 ROBERT LEROY HUNDT
 JUSTIN LOUIS KESTENBAUM, with
 Highest Honors
 HARRY CLINTON LAWTON
 JANET ANNE LECUYER
 PATRICIA JULE MARKS

ELDON CLYDE MCKIE, with Highest
 Honors
 WILLIAM C. MILLER
 LUCY JANE MOSS
 JAMES BRUCE NEIGHBOR, with High
 Honors
 ROSE MARIE NANCY NYGREN
 LOUIS MICHAEL SAAB
 VIRGINIA MAE SCHNECK
 HAROLD DEAN SMITH, with High
 Honors
 LYSANDER JAMES THOMPSON, with High
 Honors
 JOSEPH FRED ZACEK, with Highest
 Honors

In the Teaching of Spanish

VERA LEE ALDERSON, with High Honors
 KATHRYN ANN BEAN
 PHILIP HARRY BRUNO
 DOLORES MELVA CAMPEN
 JAMES LEO JACOBS, with Honors
 MARY ANNE LEE
 BETTY JEAN LESLIE

EMELDA EMMELINE LITTLETON, with
 High Honors
 VINCENT LEO LOMBARDO
 DIANE DAVIS MALLARY
 ROBERT EDWARD REXER, with Highest
 Honors
 ALICE MODELLE WORNER

In the Teaching of Speech

JOANN RUTH FRIEDE
JOAN CHRISTINE GANCZEWSKI, with
Highest Honors

LEONA LORETTA SARTON
SHEILA RUBIN WOLINSKY

Degree of Bachelor of Science*In Chemical Engineering*

JAMES ALFRED ANDERSEN, JR.
NORBERT PIUS BARR, with Honors
EDWARD DVORSKY, JR.
JEROLD GUON
WILLIAM RICHARD GUROLNICK
JAMES EDWARD JOHNSON
ROGER SAMUEL LEISER, with Highest
Honors
MEYNARD DANNY LEVIN
JOHN RICHARD MILLER
STEPHEN JOSEPH O'FLAHERTY
PAUL EUGENE PARISOT, with Highest
Honors
ROBERT JOHN PIKAAR

CLIFFORD EUGENE POCKOCK, with Highest
Honors
THEODORE MITCHELL RYMARZ
NORMAN BRUCE SACKRISON
ARTHUR ERIC SCHOEPPER
ROBERT HENRY SCHWAAR, with Highest
Honors
NORMAN BLAIN SMITH
RALPH STANLEY SWINGHOLM, with
High Honors
KENNETH DONALD WALTER
PERRY TOBIN WARD
WILLIAM ARTHUR WARSHAW
FREDRICK ROBERT WINTER, with
Highest Honors

In Chemistry

JACK ROGER ANDERSON, with Honors
WILLIAM DONALD ANDERSON, with
Honors
LAWRENCE RAY BLUE
CHARLES ROBERT BUNTING
WILLIAM JOHN CHAMBERS
WILLIAM CLARE CHAMPION
JAMES LEWIS COPELAND
PAUL LEROY CREGER, with Honors
CHARLES W. CREMER
BETTY ANN DENK
CLIFFORD LEE DICKINSON, with High
Honors
DONAVON LEE FAVRE
STEVEN JOSEPH FITCH
IRENE MARIE FOX
GIDEON FRAENKEL, with High Honors
DALE RICHARD HOFF, with Highest
Honors
CONSTANCE JOAN HOFFMAN

KATHERINE LOUISE JUNNILA, with
High Honors
ROSE TSE-CHING KAO
DEAN FRANCIS KEELEY, with Highest
Honors
JOSEPH JOHN LAGOWSKI, with
Honors
IVAR LAOS
ANDREW DAVID LIEHR, with Highest
Honors
ABRAHAM ERNEST MARTIN
EDWARD NORVEL MILLS
JOHN GEORGE NIKELLY, with Honors
MARGARET CASEY OVERHAUSER
JOAN LORRAINE SCHINDLER
ROBERT ALVIN SCHREIBER
MASAO SHOHO
RICHARD A. SIMONAITIS
JOSEPH WOLINSKY
HARRIET HELEN ZIMMERMAN, with
High Honors

In Liberal Arts and Sciences

DONALD LESTER ABELS
JACK ABRAMS, with Honors in
Mathematics
DOROTHY ELIZABETH ACUFF
HOWARD PHILIP AIDEM
HENRYK ALTSCHULLER
DAVID CARVER ANDERSON
MARVIN ANTMAN
HERBERT ATANUS
MAX JOSEPH AUBUCHON
GLENN CHARLES BAILEY
JOAN MARY BERGERON
BERNARD MILTON BERNSTEIN
DONALD ALOYSIUS BEYERSDORF

LOIS JOANNE BINDER, with Honors in
Mathematics
OWEN HENRY BLOODGOOD
BARBARA JOAN BOGAARD
DONNA MAE BONAR
ENID ORESA BOOTHE
ROBERT HARDING BROUGH
NORMA JEANNE BUDDENBAUM
MILTON RICHARD CANFIELD
BASIL JOSEPH CASCIO
JOHN THOMAS CIZEK, JR.
BARBARA JEAN COFFEE
SUZANN MIRIAM COHEN, with Honors
in Bacteriology

- TYLER EUGENE COOMER
 DOROTHY BARBARA COOPER, with
 Honors in Bacteriology
 VIOLET LILLIAN DARCHUN
 RICHARD LEE DEJARLD
 CHARLES RICHARD DELLENBACK
 ROBERT WALTER DEOBLER, with Honors
 in Psychology
 RICHARD ANTON DIENER
 MERLE DOBRY
 ROY MARTIN DOOLEY
 VINCENT THOMAS D'ORAZIO
 PHILIP JAMES DOUGHERTY, with High
 Honors in Chemistry
 OLIVER EDUARD DRUMMOND
 JAMES ERWIN DUNN
 JUDSON HUGH EDIDIN
 ANNA EWANKOW
 DONALD RAYMOND EYTCHESON, with
 High Honors in Physiology
 PETER JOSEPH FARRELLY
 LUAN FELTS
 JOAN FIGLEWSKI
 ALBERT WILLIAM FRIEDMAN
 GEORGE THEODORE FRIES
 DAWSON WILLIAM GILLASPY
 EDWARD JAMES GLENWRIGHT
 ROBERT LEE GLOSSOP
 BERT FRED GOLDEN
 HYMAN GOLDMAN, with Honors in
 Psychology
 ARTHUR GOLDRICH
 RICHARD WILLIAM GORDON
 GERALD ALLEN GOULD
 JEAN BELL GRABITZ
 EDWIN GREENBLATT
 ROBERT WAYNE GROAH
 JOSEPH PAUL GRZYBEK
 BARBARA ANN GUY
 EDMUND RICHARD HARNEDY
 CHARLOTTE BAKER HARRIS, with
 High Honors in Mathematics
 HARVEY HART
 JOHN ROBERT HARTMAN
 HAROLD KENNETH HARTUNG, with
 Honors in Psychology
 PATRICIA JOANNE HAZLETON
 ELSIE FRANCES HEENAN
 YALE HIMELBLOOM
 ROBERT MELVIN HOFFMAN
 JOHN SCOTT HOLLADAY, JR.
 HERBERT ARNOLD HOOVER
 DONALD FRED HUELKE
 MARIANNA JACKSON, with Honors in
 Bacteriology
 DONALD ROBERT JESCHKE, with Honors
 in Psychology
 F. HAROLD JOHNSON
 MARGUERITE COHEN JOHNSON, with
 Highest Honors in Bacteriology
 LELA MAE JOHNSTON
 JOAN EDITH JONES
- VIVIENNE JUCO
 CHIZUKO KAKITA
 EVA RENATE KALISH
 JOHN WILLIAM KAMINSKI
 MILES FRANK KASPAK
 BURNELL ELAINE KEINE
 KEITH ALAN KELLY
 ROSE MIDORI KIMURA
 JAMES EDWARD KNOTT
 ALVIN KORACH
 RICHARD LAWRENCE KOSMALA
 PAUL KRICHEVSKY
 ROBERT HERMAN KRUEGER
 RALPH WILLIAM KUEHNE
 DAN KUMARICH
 ROSEMARY LAKOWSKI
 ROBERT LOWELL LANE
 RALPH RICHARD LAYMAN, JR.
 CLARENCE CHRIS LEVERENZ
 ARTHUR LIBANOFF
 VIVIAN CHARLOTTE LIPMAN
 RONALD CLEMENT MACHEN
 EDWARD MAIBENCO
 OWEN MALLER
 KARL LOUIS MARKS
 WILBUR JAMES MARSHALL, JR.
 DICK J. MAYEWAKI
 NEAL THOMAS MCDYER
 BETSY STEPHAN MCGLONE
 JAMES WILLIAM MCKINZIE
 IRA JAMES MEHLMAN, with Highest
 Honors in Bacteriology
 THOMAS ARTHUR MEIDINGER
 WILLIAM ROBERT MICHAEL
 GORDON NICHOLAS MILROY
 SHERWIN MIZELL
 JOAN ARDEN MUELLER, with Highest
 Honors in Bacteriology
 HERBERT MINORU NAKATA
 ROBERT JAMES NAST
 SUHAILA SABIH NEJIB
 MARY ELIZABETH NEU
 ELMER NEUHOFF
 TED BERNARD NEWMAN
 DELIA ANN O'NEAL
 PAUL PREBEN ORKILD
 VERA MAE ORSBORN
 LEO WILBURN PARKS, with Honors
 in Bacteriology
 ERNEST FRANK FLECHATY
 LEONARD POMPER
 WILLIAM CARTER PRESCOTT
 HARVEY LEROY PRETULA
 EUGENE JOSEPH PROCHASKA
 LEONIDAS JOHN PROTOPAPAS
 JOHN WILLIAM RAGO
 ROBERT LEACH REYNOLDS
 GEORGE ROGALA-SOBIESZANSKY
 ROBERTA ELAINE ROSE
 CHARLES SYDNEY ROSENBAKER
 DONALD WEBER SATTERFIELD
 JERRAL SUMNER SEIBERT

SCOTT GILBERT SHANKS
NORMAN SHAPIRO, with High Honors
in Mathematics

RALPH LELAND SHROYER
DALE VICTOR SHULDES
VELMA JUNE SIEGLE
GERALD WOODROW SMITH
DONALD ALLEN SOSTOCK
ROBERT CHRISTIE SPALDING
JUNE HELEN SPROUL

BYRON CLIFFORD STAFFELD, JR.
WILBUR LLOYD STEVENSON
JEAN ANN STIEGLITZ, with High
Honors in Psychology

WILLIAM GENE STONE
ELDON HAROLD SUND
EDWARD DONALD SUTORIS
AGNES HANNAH SUZUKI

JOSEPH JAMES SYMON, with Honors in
Zoology

JACK PHILLIP TULL
ROBERT GORDON TULL
MORRIS SOLOMON URKOV
DONALD ROBERT VIRZI
GEORGE WALLACE, JR.
GEORGE GARDNER WARD, JR.
ELEANOR KAY WARREN
DAVID EDWARD WAYHAM
WILLIAM MICHAEL WESTFALL
JOSEPH CLIFFORD WILCOX
PAUL FREEMAN WILKINSON
ROBERT LEE ROY WISTORT
LLOYD ALLEN WITTING
BARBARA JEANNE WOLL
TERRELL FRANCIS YEAGER
MARY LEE ZANDER
ROBERT LOUIS ZANG

In Speech Correction

NEDRA RUTH AMERMAN
RUTH ANN BAKER, with Honors
ROSA LEE BERNSTEIN, with Honors
JOAN PIXLEY BRUDER
DONNA KAY THORSELL DESCH
DOROTHY ELIZABETH GEMBERLING, with
Honors
ELIZABETH HOPE IVENS, with High
Honors
CAROL ANN KIRBY, with Honors
JEAN ANASTASIA MCQUAID
DONNA HARRIET MILLER, with Honors

JOHN DOUGLAS NOLL
SUZETTE MARY NORLAND, with Honors
SARAH PLEASANTS, with Highest
Honors
VIRGINIA MARIE POLZIN, with Highest
Honors
PAUL ANTHONY RITTMANIC, with
Honors
JOYCE ANN THURBER
JOYCE SHEILA WEBER
MARIAN MAE WOLFE

In the Teaching of Biological Sciences and General Science

ROY EUGENE CAMERON
JANET DORIS FREEDMAN
MARION DALE HOLLOWAY

NEVILYN YVONNE NELSON
RALPH ASA SCOTT, JR.
RUTH SKOLNICK

In the Teaching of Chemistry

MICHAEL STEVEN URAM, JR.

In the Teaching of Geography

ROBERT JAMES WHEELER

FRANK WILLIAM ZID

In the Teaching of Mathematics

FRED EDWARD CHAPPELEAR, with Honors
OLIVE ANN CONNOLLY, with High
Honors

SHIRLEY ANN DONNEY, with High
Honors

In the Teaching of Mathematics and the Physical Sciences

HARRY AUSTIN GREEN, with Honors

EDWIN RALPH STONE

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

GEORGE THOMAS COUSTON, with Honors
MIGNON FROMAN ESAREY, with Honors
PHILIP WAYNE LINDELL
JOANNA KUNG YING LIU

JEAN AILEEN OLSON, with Honors
JOAN KATHERINE PANTKE, with Honors
LOIS ELMA STEWART, with Honors
TAKEO URATA

COLLEGE OF EDUCATION
Degree of Bachelor of Science

In Education

SHIRLEY ANN ALVERSON	PATRICIA ANN MCNEIL
MARY VIRGINIA AMS	ELAINE MECHALAS
MARJORIE LOU ARDIS	JOYANNE BLOUNT MILLS
BARBARA LOU BARNHART	MARY GERMAINE MONTEL
LAVERNE JOAN BATTAGLIA, with Honors	GERIE LOUISE MORIARTY
RUTH EDNA BLAZE	EVELYN PAULINE MURPHY
CATHERINE HELEN BRAUN	JERRY CAROL NEWELL
CORINNE ANN BROCKMEIER	MARILYN ANN NORTH, with Honors
OPAL SCHOOF BURGNER	JESSICA JOANNE PAVLIK
PATRICIA JULIA CAIN	LOIS GRETCHEN PFAB
MARGARET WILDMAN CAUGHEY	ERNEST LEON PHILLIPS
DONNA JEAN CHRISTIANSEN	PHYLLIS JEANNE PRUST
NARCIZA OPHELIA CONRAD	PHYLLIS JEAN ROBERTS
MARGARET ANNE CONNELLY	BARBARA ANN SCHLEICHERT
MARGARET LOUISE BUES COOK	MARGARET ANN SIMPSON, with Highest Honors
PATRICIA CUNNINGHAM CRUTHIS	EUGENE LESTER SMALL
LOIS SAXENMEYER EBERHARD	LETA JANE SMALL
ROBERT EDWARD ECKELS	LOIS MUELLER SOLEM
GLENDON WADE ELLEDGE	MARGIT JOANNE STROUD, with Honors
IZETTA ROBERTA FANNINGS	HELEN EARLEEN SWANSON
JOANNE CORINNE FOSTER	JOHN WILLIAM TAYLOR, JR.
JOANN BARBARA FRISK	CLARK SHERWIN TOSSY
DELORES OLGA GAYDOS	JEAN ALMIRA AYRES TOWELL
CAROL DIANE GEORGE	DOLLY DELPHINE PRICE TRIMBLE
MARY ANN HALPIN	LOIS O'BRIEN VENZKE
JAMES ARNOLD HEFTER	BARBARA ANN REAGEN WEAVER
MARCELLA MAE JACOBS	SHIRLEY LINDSAY WEISBROD
JOANN PHILLIPS JONES	ELMER THEODORE WESSEL
PHILIP BLAINE KALAR, JR.	PATRICIA LOUISE WIRTH
JACQUOLINE KEESEY	MARIE WYGODSKI
MARILYN HUMPHREY LYKINS	

In the Education of the Deaf

NAOMI FRANCES HUSTON, with High Honors

In the Education of Mentally Handicapped Children

BARBARA MAURINE DICKINSON	MARGUERITE TOBIN
ARLENE GORSCHEN EPSTEIN	ALICE HASTINGS VAN BEBBER
LOIS PEURYE	SHERILYN LEE WHITE
BARBARA MEYER SUBLETTE	ELIZABETH ANN WILLIAMSON

In Elementary Education

ALICE ROBERTA ALLEN	RICHARD RAMIS
DOLORES JEAN ARCHER, with Honors	JANET REMINGTON
BETTY JOAN BRADLEY	MARY VIRGINIA RODE
NANCY RITA BUCHANAN	MARYANN ROTBERG
MARY LOUISE CAMPBELL	LOIS SHIRLEY SAMUELS
MARILYN HELEN GILROY	ELEANOR MARSHALL SCHENCK
DONALD MAX GOFF	CLARISSA JOANNE SCHUYLER
ROBERTA MINNETTE HAY	LEILA BOZARTH SOFFIN
MARY LOUISE HEDGCOCK	HAZEL WALLACE STANISLAWSKY
MARLEY JOY LAZARUS	MARILYN MAE STEIDINGER
EVELYN JEAN LEVIS	BARBARA JEAN STOUT
MARGARET ANN MARKS	JOYCE THORELL SWANLUND
BONNIE RACHEL MASSLICH, with Honors	MARY LOU TRIBE
YVETTE MEISLER	PATRICIA JEAN TURLEY, with Honors
ESTHER CHANEY NELSON	

In Industrial Education

PHILIP PAUL ALONGI
ROBERT EARL ANDERSON
RAYMOND FRANKLIN BEEBE
WILLIAM BOTHO LEHMAN

FERRIS ELMER MCINTOSH
NORMAN FREDERICK MITCHELL, JR.
RICHARD HENRY REICHENBACH
ROBERT WAYNE WAITE

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DELBERT ALLEN ALEXANDER
JOHN JAMES ARGOUELIS
LEROY AVRAM
RAYMOND EDWARD BAKER
THEODORE BANASZEWSKI, with Honors
ROBERT RAYMOND BAUJAN
WILLIAM BECKER
TOWNSEND EUGENE BLANCHARD
OLIVER LAMAR BREWBAKER
JOHN HARRY BROOKS
CHARLES DONALD CAUGHEY
EUGENE JOSEPH CULBERTSON
HUGH WALLACE CURRIE
ALEXANDER EDWARD DIERKES
ROBERT GENE DOSSETT, with Honors
CAROLYN LOU DUNK
THOMAS PETER FLEMING, JR.
JEAN ELIZABETH FOYER
STANLEY RICHARD FREIREICH
HAROLD WILLIAM FRITZ
RICHARD CHARLES GAINER
RICHARD MARTIN GOLTERMANN
HAROLD LEE GOURLEY
ARTHUR EVERETT GRAY
BIRDIE MAE GREEN
BERTILL ALBERT GUSTAFSON
CHARLES ANDREW HAAG
CHARLES CORNELL HANFORD
WESLEY MICHAEL HARM
HERBERT ALLAN HELLER
MARVIN LOUIS HENKE
JOHN DEAN HOOKER
ALDUAYNE MONROE JOHNSON
HAROLD EUGENE JOHNSON
RONALD F. JONES
BYDUS FRANCIS KAISER, with Honors
RICHARD N. KARRAS
JACK LEE KASE
DONALD VINCENT KELLY, with Honors
THOMAS ANDREW KILLOREN, with Honors
LOUIS EDWARD KRANTZ, JR.
ALFRED KRUMM
JOSEPH ALFONSO KRUPSKI
RICHARD OTTO KUMPF, with Honors

WALTER CASIMIR LANGNER
WILLIAM EDWARD LARKIN, JR.
WALLACE JOHN LARSON, JR.
RONALD ROBERT LEVAR
ALFRED HILLEL LEVINE
MARTIN HERMAN LEVIT
ROBERT BERNARD LIPSCHULTZ
HANS LOEFFLER
LEROY ALFRED MAGNUSON
BEVERLEY JEAN MCARDLE
DON RICHARD MCGRAW
CAROLYN ANN MOORE
HOWARD JOHN MOYE
SHERRIE SHIGEKO NAKAGAWA
OTTO JUNIOR NIEDERBRACH
FRANKLIN JOHN NIENSTEDT, with Honors
ROBERT WALTER OPELT
LEROY WILLIAM PEDERSEN
MYRON MILLARD PENNINGTON
WILLIAM EARL PIERSON, JR.
ROBERT STANLEY PRUSIN
GERSON RUBINSTEIN
ROBERT ANDREW JOSEPH RYBICKI
LARUE ABRAHAM SANASARIAN
GEORGE HUNT SCHNEIDER, with High Honors
JOSEPH JOHN SEGATTA
ALBERT LEROY SENNETT
ROBERT FREDERICK SHERMAN
MARTIN FRANK SIRVATKA
FREDERICK C. SOLAR
CHARLES MARVIN STANGE, with Honors
ROBERT F. STENCEL
BLAINE IRWIN SWARTSWALTER
HOWARD LEE SWIGER
JACK DONALD TEBBENHOFF
LAWRENCE TEPPER
VERA ALICE TOMCIK
HERMAN UDASIN
EDWARD DANIEL WAADT
LONNIE LEON WEBB
JOHN EDWARD WEIDERT
FLOYD WESLEY WINDAL, with Honors

In Accountancy and Management

ROY DONALD RAEMER

In Banking and Finance

ROBERT HENRY CENEK
HERBERT ARTHUR DOLOWY
CHANCHAI LEETAVORN
HARLEY RICHARD LEWIN

JOHN EDWARD MARNUL
FREDERICK JOHN RUOPP, with Honors
LAWRENCE RAYMOND VOGT

In Banking and Finance and Management

HOWARD CLARK SCHNEIDER

In Commerce and Law

ROBERT MALCOLM BENNETT

ROBERT NEIL CORLEY

ROBERT WILLIAM FINROCK

GEORGE ROBERT MECHERLE

SCHERRILL WALLACE WEICHBRODT

In Commercial Teaching

JOHN ARLAND BALAGNA, JR.

DELPHINE FRANCES BARTOSIEWICZ

FRANCINE JANE CASSELLS, with Honors

ILYNE LOIS DURLACHER

PAUL BENNETT GORDON

ALEXANDER KIELBON

HARRY THOMAS LASHMET, JR.

EDWARD JOHN MORAN

ELIZABETH STEWART SHOOP

BETTY JANE STEELE

ROGER LEE SWANK, with Honors

GERALDINE THOMPSON

ANN MARIE WELTZIEN

CARL FREDRICK WORKMAN

In Economics

RAMON MINOR BRINKMAN

JAMES ROBERT CAIN

DONALD MAURY FAIRMAN

DANIEL ELIAS FISCHHEIMER

RALPH HENRY JOHNSON, with Honors

CHARLES LEE JOHNSON

ALFRED GUSTAV KAUFMAN

KARL REYNOLDS LASSETER

MAXWELL DONALD LEVINE

CLIFFORD LEON POND

PETER RADEKA

DOUGLAS WAYNE SCHIMMEL

DELMAR RAYMOND SCHRUMPF, JR.

RICHARD LAWRENCE SIDENER

MYRON HARRIS SKOLLY

CHARLES ZACHARY WILSON, JR.

In Economics and Finance

HARRY YOUNGS BAXTER

In Economics and Public Affairs

WILLIAM DENSON NORTH, with High Honors

In Finance

JOSEPH ROLAND FENELON

THOMAS NORMAN JAMES

GEORGE MILTON JEZEK

In Industrial Administration

RICHARD NORTON GALLUZZO

CARL ADOLPH HELDMAIER

RICHARD GUY HREJSA

ROBERT MERLIN KEGLEY

EDGAR EMMANUEL LUNDEEN, JR.

RAYMOND WILLIAM O'LOUGHLIN, JR.

STANLEY CHARLES POREMBA

FRED SIMON REHAGEN

CHARLES CHRISTIAN WIEDLING, with Honors

In Management

JOHN ERIC BENDER

HENRY OTTO BUSCH

WYLBUR NELSEN CAZEL

ROBERT WALTER COOPER

ROBERT SHEPARD CORNELL

THEODORE JOHN DAMIANOS

WILLIAM ANDREW DIONESOTES

CHARLES WILLIAM DOERING

DAVID KAY ERWIN

SIDNEY FIELD, with Honors

JOSEPH ALLEN GARZA

CHARLES RICHARD GRAHAM

GARY GILLETTE GRAY

DAVID ARTHUR GULLETTE

JOHN ALFRED HALBECK

WILLIAM GORDON HEISE

DONALD JOSEPH HERMAN

GEORGE HERBERT HOLLEY

ROBERT ALLAN HUSMANN

ARNOLD BRUCE KEESAL

THOMAS CHARLES LUTTIER

NORMAN RILEY MCGIRK

PHILIP GEORGE MYERS

JOSEPH EDWARD CHESTER NIEWIADOMY

JOHN ALDEN PELLETIER, JR.

ROBERT JOHN PENN

ROBERT PAUL RIGGINS

CHARLES WILLIAM RUSSELLO

CHARLES EDGAR SCHMIDT

RAYMOND STANLEY VANCE

ROGER WILLIAM VERLEY

JOSEPH ANTHONY WEBER, JR., with High Honors

GEORGE WICKSTROM, JR.

PETER JOSEPH ZAMMUTO

RAYMOND WALTER ZIEMNIK

In Management and Marketing

WILLIAM KERWIN BONE
 GEORGE FRANCIS BOWER
 JOHN WILLIAM DAU, JR.
 WILLIAM FREDERICK HOHMAN
 GEORGE EDWARD MORPURGO
 WILLIAM ROBERT NIESEN

WILLIAM DONALD OSHERMAN
 RAYMOND ANDREW PERS
 JACK ROSEN
 GEORGE JOSEPH SPINOZZI
 ROBERT HOWARD TROST, with Honors
 BRUCE EMERY WOODRUFF

In Marketing

BENJAMIN LAWRENCE ABRUZZO
 JAY MORTON ATKINS
 WILLIAM WALTER BARRICK
 CARLTON RUSSELL BATES
 RONALD EARL BATTERHAM
 EDWARD ISRAEL BLUM
 JOHN JAMES BOWMAN
 DEAN ALLYN BUSSART
 WALTER ORA BYERLY
 FRED MORTON CAPLAN
 GILE RICHARD CHRISTIANSEN
 DONALD JAY CLEVELAND
 EDWARD JOSEPH COLE
 CHARLES ELWOOD COUNTISS
 JAMES ALLEN CUMMINGS
 DAVID MILLER DEWIND
 WILLIAM DELANEY DRISCOLL
 KENNETH ROGER DUNNIVANT, with
 Honors
 STANLEY ETHAN DURIN
 JOHN CHARLES FELTEN
 RODNEY ADAMS FLETCHER
 ROBERT JOHN GASCHLER
 ARMAND GENEWITCH
 RICHARD BANCROFT GIBBS
 DAVID JAY GOULD
 ALLAN JAMES GREGOR
 HERBERT JOHN GREGOR
 HAROLD PINCKNEY HAYES
 DAVID JACK HENSLER, with Honors
 JULIUS HERBERT HEYDORN
 BENJAMIN HOOKS, JR.
 CHARLES EDMUND IRELAND
 JEROME WAYNE JOHNSON
 JOHN DANIEL KARRAKER
 BARBARA ELAINE KATZ
 PETER HERBERT KLEINEBRAHN
 EUGENE KRAMER
 GEORGE THEODORE KRAMER
 BARBARA JANE KUSCHMANN
 RICHARD DUANE LAMBERT

CHARLENE PEARL LANDSBERG, with
 Honors
 MASON CARTER LAYMAN
 BURTON HOWARD LEVY
 HARLAND BRUCE LEWIN
 WARREN MAREK
 WESLEY MAREK
 RICHARD HENRY MASON
 HAROLD FRANCIS MAYOTTE
 ALFRED ADRIAN MEYERS, with Honors
 JAMES VERNON MORGAN
 MALCOLM IRWIN NACHBAR
 MARILYN LEE NEWTON
 DANIEL SHERMAN NIELSEN
 DONALD LEE NISH
 VERNER LEE PAGE
 PETER COLE PALMER
 ROLLIN FRANK PAYNE
 JOAN DELOIS POTTER
 RAY OSCAR PRIGGE
 ROSS PRIO, JR.
 GEORGE ALEXANDER RAICA, JR.
 EDWARD STANLEY RIMKUS, with Honors
 ALLEN JAY SABATH, with High Honors
 ALLEN LINDENTHAL SCHIMBERG
 DON ROY SMITH
 EDWARD WILLIAM SOLIDAY
 JOHN BRUCE STONEBERG
 RICHARD RAY STOUFFER
 CYNTHIA RYRIE SWANSON
 WILLIAM NICHOLAS THALMAN
 ROY VERNE VAN BUSKIRK
 IRWIN CAROL VEIT
 ALBERT HARRY WALTERS
 BURTON JACK WASSERMAN
 LAWRENCE PAUL WAYNE
 LLOYD EUGENE WEBBER
 CLIFFORD LEO WEIDNER
 NORMAN WIESE WILLOUGHBY
 BARBARA ELLEN WINKLEPLECK
 JAMES WILLIAM YOKEM
 JOHN RICHARD YOUNGS

In Public Affairs

HOWARD ELIOT SHAPIRO, with Honors

In Secretarial Training

MARIE NELSON BARTKIEWICZ
 VIRGINIA MOTT KRAABEL

PATRICIA ANN O'BYRNE

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

CHARLES RICHARD ALLEN	ROSALIE CAROLINE LEWIS
MARTHA NELLE ALLEN	FRANCIS MARVIN LIVERMORE
HARVEY MARVIN ANDERSEN	JAMES ANNAND LUKE
ROBERT HAMILTON BACON	ELIZABETH ANNE LYMAN
JANICE NORINE BEAUMONT	MARGARET ANN MACDONALD
MAXIMILION SIGMUND BESCHLOSS	BARBARA ANN MARQUARDT
MORRIS RICHARD BESCHLOSS	LARRY LEE MECK
CARL WILBUR BORKLUND	MARILYN JEAN MEYER, with Honors
KENNETH WELLMAN BOUB	ARDIS ANN MILLER
CARLTON RALPH BROWN, with Honors	RAYMOND BONIFACE MOLITOR
JOHN LELAND CHANDLER	PETER JOSEPH MOORE, JR.
MARCUS FREDERICK CHRISTENSEN, with High Honors	EARL RICHARD MOSES, JR.
FLOYD ROBERT COLLINS	LELAND WILSON MYERS
MARY JANE CORRIE	NANCY ANNE NECKERS, with Honors
PHILIP DEAN CROSBY	CAROL RUTH NICHOLSON
HANS ARTHUR DEUTSCH, with Honors	LETA ANN ORNELLOS
MARGARET ANN DOLAN	RICHARD McVEA PERITZ
JOSEPH DANIEL DORGAN	KENNETH CHARLES PODALSKY
BRUCE RICHARD DRAKE	EVERETT GENE POOL
MARSHALL VAN DUSENBURY	BARBARA CORBETT RIEDEL
FRANCIS GUIDO FOLENA	JOHN WARREN ROBINSON, JR.
MARY JANE FOUTS	EMILY JENNIE RYGLEWICZ, with Honors
EDWARD LOUIS FRIEDMAN	CHARLES EDWARD SCHARAFIN
GARLAND GIBSON FRITTS	IRMA MARIE SCHICKEDANZ, with Honors
PHILLIP CURWOOD GALER	MARILYN FAYE SCHNIRRING
ALBERT DAVID GELLER	WILLIAM HENRY SCHROEDER
DONALD JOSEPH FRANK GNIDOVIC	NORMAN LOUIS SCHULER, with Honors
CAROL EDITH GRAHN	ALBERT CLAYTON SELSOR
CLYDE LEROY GRIMM, JR.	SHIRLEY JEAN SERED
GEORGE WILLIAM GROSSKOPF	JAMES CARL SHELTON
NANCY JO HAAS	CHARLES WILLIAM SHEPHERD
MURIEL JOY HERZBERG	DELORES JEAN SMITH
DALE LA VERNE HILEMAN	ANNE SONOPOL
PHYLLIS JEAN HOERR	RICHARD EUGENE STANLEY, with Honors
ABBEY ELEANORE JOHNSON	BRUCE LINDEN STILL
DOROTHY CAROL JONES	BRUCE McCORMICK SUBLETTE
HAROLD DEAN KNUDSON	ROSEMARY ANNE TWEDELL
MARILYN CONSTANCE KWINN	CAMILLE FRANCES VALERIO
CHRIS WILLIAM LECOS	ROSEMARY CLAIRE WATKINS
STEPHEN SAMUEL LEHNER	EUGENE GEORGE WINDCHY
CLINTON GOODRICH LEWIS	

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

ROBERT GARLAND, JR.

CLARK ERWIN MERRICK

Degree of Bachelor of Science

In Architectural Engineering

CHARLES EDWARD BANKS	WILBUR GLEN CARLSON
RUSSELL CHARLES BENNETT, with Honors	JOHN HENRY DABBERT, with Highest Honors
ROBERT GABRIEL BERLOW	RONALD KEITH DELAP
JOHN O. BOLAM, JR.	HARLAN HENRY DUFEY, with Honors
WILLIAM ADAMS BUCK	KENNETH WILLIAM EKMAN
PHILIP JOSEPH CALANDRINO	JAMES EDWARD ERBACH

WILLIAM PAUL ERICKSON, JR.
DONALD JEAN FEARS
JOHN ARTHUR FRAZIER
MARVIN JEROME GOLDBLATT, with
Honors
JAMES ALAN HENDERSON, with High
Honors
STANLEY WALTER JACHEC
RICHARD JOSEPH JISKRA
J. ROBERT JOHNSEN
ALBERT SIDNEY JOHNSTON
LUDWIK KONCZA
KARL ARTHUR KRAUSE
WILLIAM HART LANE
MICHAEL PAUL LATTYAK
ROBERT WILLIAM LEMESSURIER
WALTER HENRY LEWIS
JOHN MATTHEW LINDAHL
JOHN PHILIP LOCKE

THOMAS CURT LUNDEEN, with High
Honors
RONALD ALEXANDER MAINA, with
Honors
JOHN DONALD MARTIN
NORMAN HENRY MEYER, with Honors
PANAYIOTIS DEMETRIUS PHARMAKIDIS
HARLAN ALBERT PRATT
HAROLD STUTLER SCHOFIELD
ARTHUR MAX SEITZ
ROGER ALLEN SMITH
ROBERT DALE STILLIONS
WALTER HART SURRAN
ALFRED SIDNEY SWENDSON
LOUIS EMIL TRINKO
SCOTT WALLACE
JOHN ROSS WEAR
SUMNER BABCOCK WEISS

In Architecture

WILLIAM RICHARD BAKER
EDWARD FRANK BLICHARSKI
LEROY WILBUR BONESZ
EDWARD STANLEY BUCZKOWSKI
JEROME ROGER BUTLER, JR.
JAMES HAROLD CANNON, JR.
THOMAS WESLEY CLARIDGE
WILLIAM FREDERICK DOEMLAND, with
Honors
JOHN PAUL EBERHARD, with Highest
Honors
DELBERT RAYMOND ENGBLAD
LEONARD F. FISHER
WILLIAM JOSEPH GAVIN
EUGENE FRANK GILSTRAP
WALTER EDGAR GREEN, JR.
PAUL HUSBY HALVERSON
ARTHUR NEAL HELANDER
ARTHUR CHRISTIAN HOELCK, with
Honors
JANE MARIE JACOBSEN
DONALD EDMUND KAMINSKI
VICTOR ADKINS KIBLER
EDWARD FRANKLIN KOEHLER
FREDERICK THEODORE KUBITZ, with
Honors

DAVID JOSEPH KURKA
WILLIAM KIRBY LOCKARD
RICHARD GLENN LUNDGOTT
AUGUSTO TONO MARTINEZ
ALAN MERRILL MCHENRY, with
Honors
ROBERT J. OFFRINGA
GEORGE ALFRED PARENTI
PAUL EDWARD PULLIAM
TERRY GRANT QUINN
DONALD RUSSELL ROBERTSON
RICHARD SHELDON ROSE
CARROLL CHRISTOPHER RUDD, III
JAMES JOHN SCHALK
HOWARD ETHAN SCHERSTEN, with
Highest Honors
CHARLES DAVID SPEAR
FREDERIC JOSEPH TRESNAK
THOMAS MARSHALL WAGGONER, with
High Honors
EUGENE A. WEDELL
STEWART CALVIN WOLF
HAROLD LEON WRIGHT
FRANK COOLIDGE ZANCANELLA

In Landscape Operation

JOHN RALPH SYNNESTVEDT, JR.

MARVIN EDWARD WEHLER

In Music Education

WILLEDOTTE BRIX
JEAN ANN CARR
CAROLYN JOHNSON CLARK, with Highest
Honors
LEROY EDWARD DUNCAN, with High
Honors
MARSHALL DEAN ERICKSON
SHELDON STADEL FRANK
LAWRENCE NEVIN GNAGEY
FRANCES MAE GOURLEY, with High
Honors

CAROLYN BETTY HEDBERG
GERMANIA MUENZER HEVERLY
FERN HODGE, with High Honors
JOANNE HOLT
ROBERT GORDON HOWELL
MARY LOUISE JACKSON, with Honors
RICHARD MERLE KAMM, with High
Honors
SUZANNE KURRUS
ALBERT LOUIS LUNDGREN
MARILYN MADGE LUTHER, with Honors

ALLIE JANE MILLER
 JOHN PHILLIP MUELLER
 CAROL ELEANOR NELSON, with Honors
 JACQUELINE MYRTLE NELSON
 MARILYN LYDIA PETTERSON
 WILBER IVAN REVEAL
 WAYNE FRANKLIN RICHARDS, with
 High Honors

CAROL G. SHOFF, with High Honors
 DAVID RAE SMITH, with Honors
 ROBERT CLIFFORD SMITH
 JOHN HARPER SWICKARD
 BYRON ORVILLE WINDSOR
 PEARL ANNETTE WOOD, with High
 Honors

Degree of Bachelor of Fine Arts

In Advertising Design

WILLIAM ALLAN FETTER
 GEORGE ELMSLEY NELSON
 JEANNE MARGARET SCHLACKS
 HAROLD ALAN SCHWEIG, JR.
 WILLIAM WALFRED UITTO

HARRY BURTON VOIGT
 DOROTHY JEANNE WILKEY
 JAY HERMAN WILLIAMS
 ALAN ROBERT SEGAL

In Art Education

LUCILE ADAMS, with High Honors
 MARION CALDWELL
 JEAN TAYLOR CASSON
 CALVIN LEWIS GORE
 VIRGINIA LEE MACDONALD

MARION CAROL NEWPORT
 FAITH JANE PECHMAN
 REGINA MARIE REYNOLDS, with Honors
 MARY ESTHER ROSEBRAUGH
 MARGIE JANIS WOOLARD

In Industrial Design

ROY LEE BRENNER
 WALTER ADOLPH GODLEWSKI
 DONALD EDWARD KLEIN

HARRY EDISON MEAD
 DAVEY M. PACKER
 BARBARA ANN WAGONER

In Landscape Architecture

EDWARD GEORGE SCHUMACHER
 NANCY LOU SEITH, with Highest
 Honors

BRADLEY BENNETT TAYLOR, with High
 Honors
 BRENTON HAROLD WADSWORTH, with
 High Honors

In Painting

ROBERT EDWARD ANDERMANN
 GLENN EUGENE BISCHOF, with Honors
 NICHOLAS WINTER BRIDGE
 DONALD HERBERT BRODIE, with Honors
 NANCY LOU ENGLE
 EDMUND RIENHOLD KANWISCHER
 PAUL STEVEN KOSTER
 SHIRLEY LANGHAM

VIRGINIA JOYCE OLSON, with Honors
 DOLORES EDNA PYE
 BARBARA JEAN TOZIER, with Highest
 Honors
 ERNEST JOSEPH VELARDI, JR., with
 Honors
 ROGER ANTHONY WELCHANS

Degree of Bachelor of Music

JACK LEE BIGGERS
 JANET SIEM FISHER, with High Honors
 CHARLES ALLEN GOVE, with High
 Honors

THEODORE CHARLES LANGE, with Honors
 GEORGE HAZARD LUCKTENBERG, with
 Highest Honors
 ANDREW RONALD MIKITA

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Health Education

HAROLD CARL GUSTAFSON
 PAUL PRESTON HARTMAN

RAYMOND MARSHALL TAYLOR

In Physical Education

ROBERT JOHN AVERY
 TRINITY ANN BAUER
 ROBERT JOHN BLESSING, JR.

JAMES WESLEY BOKENKAMP
 ROSLYN MAE BOXERMAN
 ROBERT CHARLES BROGREN

MILLICENT GLORIA BROWN
 BARBARA ANN BRYNGELSON
 ALVERNE EUNICE BURKE
 RICHARD WAYNE CALISCH
 RICHARD LONG CAMPBELL
 LOIS JEANNE CEDERBERG
 WALTER CRYER
 GENE WAGONER DECKER
 RONALD HENRY DETLEFSEN
 ERLING OLIVER ELLINGSON
 RICHARD WESLEY EMS
 PHILLIP VANLOON EVANS
 FRANCES ANNE FALCON
 JACQUELYN WILDE FEARS
 WILMA ROSE FLOWER
 MACK RUPERT FOLLMER
 JOHN RICHARD HERBERT GEORGE
 MYRNA ANNE HALE
 RONALD LEE HEBERER
 RICHARD HARVEY JENKINS
 VERNON SEVANDER JOHNSON
 GEORGE KASAP
 NAOMI RUTH KATZ
 ROBERT GENE KIDD
 NANCY CLAIRE KOE
 LAWTON BICKLY LAMB
 ADAM LAZAR
 WILLARD EARL LAZIER

CHARLES WILLIAM LEE
 CLINTON CAREY LONGSHORE
 JOHN WILLIAM LOSS, JR.
 FRANCES MAE MCGOVERN
 EUGENE WAYNE McNALLY
 JOAN DOLORES MIESCHKE
 MILO EUGENE MYERS
 TED YUKIO OKITA
 RICHARD EDWARD READ
 SAMMY JOSEPH REBECCA
 CATHERINE EMMA REINECKE
 PAUL WILLIAM REPKE
 JANE CARYL RESKE
 ROBERT ALEXANDER RYLOWICZ
 MARTIN WILMER SCHWARTZ
 EDITH MARIE SHORT
 RALPH H. STEELE
 DONALD JAMES STEVENS
 SHIRLEY MAE KATHERINE TREADWAY
 CHARLES ULRICH, JR.
 RALPH RUDOLPH VALENTINO
 ROGER GEORGE VLIET
 EVELYN IRENE WAHLS
 FRANK DAVID WALENGA
 RICHARD DONALD WANGEROW
 FRED WAPPEL
 JOHN EDWARD WEDEL

In Recreation

DELORES JANE BEESON
 RAYMOND JAMES CATAN
 PHYLLIS ANN KENNEY

WILLIAM PUTNAM MILNE
 ELIZABETH LANGSTON RICKS
 WILLIAM ROBERT WILLIS

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

ELWOOD THOMAS ANKRUM
 RICHARD ALDEN ATWOOD
 RAY GORDON BAKER, with Honors
 JOHN WAYNE BECK
 BRUNO ROBERTO BONN
 GLEN ERIC BOQUIST
 JOHN PATRICK BOWMAN
 MURRELL ALLEN BOYD, with Honors
 MAX CLINTON BRUBAKER
 PAUL ALFORD CAMM
 JACK CHASE
 ROBERT DONALD CHLUP
 BENJAMIN BRUCE CLARK
 WILLIAM THOMAS CUNNINGHAM
 RAYMOND TILDEN DAVIES
 RICHARD STANLEY DEWITT
 EARL HARRY DIXON
 LUTHER TREVELYN EVERS
 JOHN WAYNE EVERSOLE
 JAMES PICKERING FORTNEY
 WILLARD FLOYD GATES, JR.
 MELVIN E. HARTZLER, JR.
 ROBERT EUGENE HOOVER
 WARREN ULYSSES HUELER
 ROSE EILEEN JENNINGS

CARL RUSSELL JOHNSON
 LAWRENCE LEE JOHNSON
 FRED LAWRENCE KATH
 ROBERT BURTON KERBY
 THEODORE ERNEST KJELLSTROM
 JACOB JACK KLAY
 JOHN RAYMOND KLUSSENDORF
 JOHN ANDREW LANGLOIS
 DONALD LAVERNE LEWIS
 WILLIAM DWIGHT LIEB
 FORREST LYNN GALE LUSTER
 EDMUND THADDEUS MAZUR, JR.
 JOSEPH THOMAS MCCARRON
 RAYMOND RICHARD MCCUMBER
 GEORGE TIMOTHY McMAHON
 JAMES ARTHUR MEYERS
 JOSEPH RAY MICHALSKI
 HAROLD FRANK MITTEL
 RUDOLPH INNOCENZO MOZ
 DAVID FRANCIS MULLIKEN
 ROBERT STUART NANCE
 ROGER JULIUS PATZER
 HARRY GUSTAV PETERSON
 WILLIAM BRAXTON PHILLIPS, JR.
 WILLIAM ELLIOTT POULIN

JAMES EVANS ROUSE
 ROBERT WILLIAM SMITH, with Highest
 Honors in History
 LLOYD ELMER STANLEY
 FREDERICK GREEN SURIA, JR.
 WILLIAM ALFRED SYVERSON
 PHILLIP JOSEPH TESTA

JOHN THEODORE THOMPSON
 WAYNE EUGENE TIPSWORD
 ANDY TRIANTOS
 JAMES PAUL TUSHAUS
 HENRY MERRICK WALKER
 ROGER EARL WIELAND
 JAMES FREDERICK WILSON

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

HAROLD HERMAN BAHE
 ARTHUR ALLYN BOTTORFF
 ELWIN ERNEST BRANZ
 DENZIL ELLIS DEES
 JOHN CORTLAN ELDER
 WALTER LEO FEHRENBACHER
 THOMAS MASON FOLKERTS
 FREDERICK ERNEST FRICKE
 ALLAN LEE GRAHAM, with Honors
 THOMAS JOSEPH GUNHOUSE
 RALPH FRANKLIN HALL, JR.
 HAROLD JOHN HEFFERNAN
 FREDERICK BLACK HEMBROUGH
 GLENN GUSTAVE HINTERMEISTER
 ROBERT CLYDE HUFF
 JOHN DAVID LYKINS
 HAROLD CLARENCE MCCUTCHAN, with
 High Honors

RALPH DAVID MCQUEEN, with Honors
 JOHN WENDELL MERRICK
 JAMES HERMAN NADLER, with Honors
 WALTER NEHRKORN
 LOUIS FRANKLIN OHLENDORF
 JESSE PAYNE, JR.
 WILLIAM PRUSACZYK
 JEWELL DEAN SCHLAPP
 IRA LAKE SEIGEL, JR.
 EDWARD MARION SHINN
 STANLEY ROSS SPESARD
 DONALD RALPH STROMBECK
 RAOL J. TAFT
 THEODORE LOWELL WAGY
 EDWIN KELL WILKIN
 JAMES GERALD ZABIN
 WALTER EDWARD ZUSCHLAG

Degree of Doctor of Veterinary Medicine

JOHN ROBERT BAKER
 ROBERT GERALD BRAMEL
 ROBERT FRANK BUTZOW
 KENNETH DWIGHT CAMPBELL
 JOHN MCCLURE CARROLL
 GEORGE FRED FEHRENBACHER
 RICHARD BERNARD FINK
 WILLIAM PAUL HENDREN
 WILLIAM GEORGE HUBER
 CECIL RICHARD JOHNSON
 BOYD BERTON KNUPPEL
 ROBERT ALLEN LATHAM, JR.

CHARLES EDGAR LINDLEY
 HARRY ADOLPH LOEFFLER
 CLIFFORD EDWIN LOOMIS
 EARL EDWIN LUTZ, with Honors
 EDWARD CLARENCE MURPHY
 WILLIAM MORGAN NEWTON
 RAYMOND EDGAR OLSEN
 HAROLD IRVING PATTERSON
 GEORGE CLIFFORD SCOTT
 WILLIAM KENNETH SPECHT
 OLIVER WILBERT STOWE
 ROBERT FREDERIC WHALEN

Degrees Conferred in Chicago

HONORARY DEGREE

Degree of Doctor of Science

(Conferred June 19, 1952)

THÉOPHILE ANTONIN ALAJOUANINE, M.D., Professor of Clinical Neurology, University of Paris

GRADUATE COLLEGE

Degree of Doctor of Philosophy

(Conferred June 19, 1952)

In Anatomy

GHOUSE AHMED SHARIFF, B.M., Bachelor of Surgery, University of Mysore (India), 1939; M.S., 1951

In Bacteriology

LEON JOSEPH LeBEAU, B.S., M.S., 1947, 1949

In Biological Chemistry

AARON LEONARD SHEFFNER, B.S., M.S., University of Chicago, 1943, 1946

In Chemistry (Pharmaceutical)

ANDREW LASSLO, M.S., 1948

DASU RAMASWAMI, B.S., University of Madras (India), 1942; M.S., 1949

In Pharmacology

THEODORE MEYER BRODY, B.S., Rutgers University, 1943; M.S., 1949

WILLIAM HENRY FUNDERBURK, B.S., University of Kentucky, 1939; M.S., 1950

RICHARD I. HSIANG WANG, B.S., St. John's University (China), 1945; M.S., Utah State Agricultural College, 1949

In Physiology

EDWIN ALLEN OHLER, B.S., Washington College, 1940; M.S., Tulane University, 1942

GEORGE HOWARD POLLOCK, B.S., M.D., M.S., 1944, 1945, 1948

ROGER WARREN SEVY, M.S., University of Vermont, 1948

In Physiology (Clinical Science)

ARCHER SAMUEL GORDON, A.B., North Central College, 1942; B.S., M.D., M.S., 1944, 1945, 1950

KWANG SUH KIM, M.D., Seoul National University (Korea), 1947; M.S., 1949

DONALD FRANCIS MAGEE, B.M., Bachelor of Surgery, University of Oxford, 1948

Degree of Master of Science

(Conferred June 19, 1952)

In Anatomy

RUDOLPH ERNEST KAEMERLE, B.S., Loyola University, 1950

In Bacteriology

TRUMAN OLIVER ANDERSON, JR., A.B., 1950

PETER BARAM, B.S., 1949

ALLAN GRAHAM BENNETT, B.S., Elmhurst College, 1950

ARTHUR VOELKEL KROEGER, B.S., Elmhurst College, 1950

JAMES EMERSON NORDSTROM, B.S., Elmhurst College, 1950

CLOVIS JACK SNIDER, B.S., University of Arizona, 1950

In Biological Chemistry

SHELDON DAVIDSON, B.S., 1949

ROBERT EDWARD MADDEN, B.S., 1950

In Histology

CHARLES MERWIN BELTING, A.B., University of Wisconsin, 1939; D.D.S., Northwestern University, 1943

CLIVE IMRAN MOHAMMED, L.D.S., Nair Dental College (India), 1948

In Medicine

ROBERT CARL MUEHRCKE, B.S., 1948

In Oral Surgery

RALPH NORIO AKAMINE, D.D.S., Washington University, 1946

DANIEL M. LASKIN, B.S., D.D.S., Indiana University, 1947

In Orthodontia

EUGENE SCHLEGEL BLAIR, D.D.S., 1950

ARTHUR HARRY CRAVEN, B.D.S., Victoria University, 1946; D.D.S., Northwestern University, 1949

LUZ CELIS MACAPANPAN, D.M.D., University of the Philippines, 1946

RICHARD TISDALE SANBORN, D.D.S., University of Pennsylvania, 1950

In Pathology

IRENE FEI-FEI HU, M.D., National College of Shanghai (China), 1948

In Pharmacology

JOHN GEORGE ADAMS, B.S., Duquesne University, 1947

HASHIM IBRAHIM AL-ZUBAIDI, Ph.C., Royal College of Pharmacy and Chemistry (Iraq), 1943

LAWRENCE DONOVAN LEE, B.S., Monmouth College, 1948; B.S., 1950

LOURDES REGINO MARAMBA, D.D.M., Centro Escolar University (Philippines), 1949

ROBERT JUUL PETERSEN, A.B., Grinnell College, 1950

LEE HERSH TRACHTENBERG, B.S., 1948, 1950

VERNON EARL WILSON, B.S., 1950

In Pharmacy

ANGEL SEVILLA ARAMBULO, B.S., University of the Philippines, 1950

WILFRED JAMES CROWELL, B.S., University of Saskatchewan, 1949

In Physiology

MORTON SEYMOUR COMESS, B.S., 1948, 1950

RUBIN JACOB JUSTER, B.S., 1947

WILLIAM GODFREY POGUE, B.S., Virginia State College, 1942; M.D., Howard University, 1945

ERNEST LESLIE PROPPES, A.B., Southern Illinois University, 1948

JOSEPH HARRY SKOM, B.S., University of Chicago, 1951

EDWARD MARSHAL WASSERMAN, B.S., University of Chicago, 1948

QUENTIN DAVID YOUNG, B.S., B.M., M.D., Northwestern University, 1945, 1947, 1948

In Physiology (Clinical Science)

ARY LOPES DE ALMEIDA, M.D., University of Sao Paulo (Brazil), 1944

TSUNG MIN LIN, B.S., National Tsing Hua University (China), 1938

IRVIN HARRY STRUB, A.B., University of Michigan, 1943; M.D., Wayne University, 1947

In Surgery

ROBERT WAYNE EHRLICH, A.B., M.D., University of Nebraska, 1945, 1947

JOHN ROBERT JOHNSON, B.S., M.D., 1922, 1925

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

(Conferred June 23, 1951)

GORDON DAVID ANDERSON

VINCENT ANGELO

JERRY FRANK BALATY

DARWIN SMITH BARRETT, B.S., 1948

WILLIAM JOHN DAUSMANN

SAMUEL THOMAS DEAHL

SAM JOSEPH FANTOZZI

VINCENT L. FIOCCA

BAZIL THEODORE GECKLER, Jr.

RICHARD HERMAN GEORGES

ROBERT ERNEST GOING, A.B., Valparaiso University, 1948

CARTER EUGENE HAGBERG

NORMAN NATHAN JACOBS

ROBERT LEE KIMBROUGH

ROBERT EMMETT LEE, A.B., Ohio State University, 1949

DAVID ALBERT LICHTENWALTER

MAURICE RAYMOND MARMÉ

DONALD ELLIS MAXWELL

GERALD LEONARD MICHELS

WILMORE NEIDITCH

IRA M. NIEDERMAN, B.S., Roosevelt College, 1950

KENJE OGATA

LEONARD PAWLOWSKI

GLENN J. PRATT

ERVIN ROBERT RAMBERG

ALLEN ROSENBERG

CARL EDMUND SINGER, B.S., Northwestern University, 1948

HOWARD ARCH STONE

WILLIAM FRANK STRONER

FRANCIS WILLIAM TOWNER, A.B., Coe College, 1950

CARLYSLE DAVID UDEHN, A.B., State University of Iowa, 1949

EUGENE UNTI

SAM FRANK WALLIS

GEORGE LESLIE WATTS

MYRON SHELDON WINER

ARCHIE PAUL WOOLARD

RICHARD HAROLD ZELENSKA

Degree of Doctor of Dental Surgery

(Conferred June 19, 1952)

- GLORIA ANGELINE ALESSIO, B.S., 1950
 HENRY GARFIELD BARHAM, B.S., 1950
 RALPH ORAN BOONE, B.S., 1950
 RALPH EUGENE BURKEE
 GERALD WAYNE BURKETT
 CONSTANTINE DANNY DELLUOMO, B.S., 1950
 ARTHUR DiDEA, B.S., College of the City of New York, 1945
 JOHN RICHARD FOX
 MELVIN ROY GENAZE
 ROBERT ELMORE GIBBS, B.S., 1950
 ROBERT IAN GILLIES, B.D.S., University of Melbourne, 1950
 ERWIN SIDNEY GOLDBERG, B.S., 1950
 WILLIAM THOMAS GORMLEY, B.S., 1950
 LOUIS GREENBERG, B.S., 1950
 ROBERT EDWARD EUGENE GULLEY, B.S., 1951
 NORMAN HENRY HOLLMAN
 FELICE IERONIMO
 PAUL LAURENCE JENNINGS, B.S., 1950
 HARMON RICHARD KELLY, B.S., 1950
 CARL JACK KINELL
 THOMAS JOSEPH LARKIN, Jr.
 MICHAEL LOOPER, B.S., 1950
 WILLIAM PARIS MABRY
 CHARLES CARL MARAS
 ARTHUR ELLIOTT MARSHALL
 THEODORE MOYER MASON
 JAMES ROBERT MCINTIRE, B.S., 1950
 MARK JOSEPH MENDELSON, B.S., 1950
 KERMITT CLYDE MILLER, B.Ed., Eastern Illinois State College, 1940
- JOE MINBU NAKAYAMA
 CHARLES FREDERICK NICHOLS
 MARILYNN ANNE NOVAK, B.S., 1950
 FRANK FREDRICK OSET
 WYATT KAY PARKE, B.S., 1950
 RUSSELL LEROY PARKER
 THEODORE JOHN PAULY, A.B., DePauw University, 1948; B.S., 1950
 BERT DOMONIC POMATTO, B.S., 1950
 EARLE FRANCIS POMIJE, B.S., 1950
 FRANK WILLIAM POWLES
 ALBERT RAPPAPORT, B.S., 1950
 NED MASON RING, B.S., 1950
 HAROLD DAVID ROTHBLATT, B.S., 1950
 KENDALL CLIFFORD ROWE
 MILO RUDOLPH SAFAR, B.S., 1950
 GEORGE NOBUO SASAMOTO
 ROBERT GORDON SAVAGE, B.S., 1950
 ROBERT EDGAR SCHUBERT
 JOHN ROBERT SCOFIELD
 DAVID CHARLES SHAPIRO, B.S., 1950
 RICHARD EDWARD SKARDA, B.S., 1950
 CLIFFORD ALLEN SPERRY, B.S., 1950
 ROBERT ELLSWORTH SPRAGUE, B.S., 1950
 GORDON LOUIS STASTNY, B.S., 1950
 LOUIS ANTHONY STESSL, B.S., 1950
 NORTHAM HOYT STOLP, B.S., 1950
 THOMAS EARL SUTA, B.S., 1950
 WADE RODWAY SWAN, B.S., 1950
 DONALD LAVERNE SWANSON, B.S., 1950
 DONALD WAYNE WILCOX, B.S., 1949

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

(Conferred June 23, 1951)

- ALLAN LAWRENCE ABRAMSON
 GENE AHERN
 ROBERT JAMES ANSLEY, B.S., 1949
 PHILLIP GIRARD AVALON
 STUART JAY BACHMAN, A.B., 1949
 BETSY PARHAM BECKER
 SHELDON BERGER, A.B., 1949
 MYRON ELLIS BERMAN, A.B., 1949
 FRED LOUIS BOBZIEN
 JAMES LOUIS BREMER
 WILLIAM CLARENCE BRENNAN, A.B., 1949
 HOWARD B. BRENNER, B.S., Roosevelt College, 1949
 ANITA BRESSLER, A.B., Washington University, 1949
 NORMAN BRILL
 EDWARD PETER BRUCHAN
 PERRY ALBERT BRUCKER
 WILLIAM BRICE BUCKINGHAM, M.D., 1947
- CLARENCE CROSBY CLOSE
 ELLEN KODISH COHEN
 DAVID GORDON DAEHLER, B.S., 1950
 RUTH MARGARET DALTON
 CHARLES RAYMOND EDMAN
 CONRAD FRED ERNST, A.B., Valparaiso University, 1951
 DAVID ALAN FELL, A.B., Cornell College, 1949
 BURTON WILLIAM FINK
 WILLIAM EDWARD FISHMAN
 GLENN WILLARD FLAGG
 RONALD EDWARD FOX
 ALVIN REUBEN FRANK, B.S., Purdue University, 1949
 JOHN WARREN FRISCH, A.B., 1950
 JACK LOUIS GIBBS, B.S., Bradley University, 1948
 MARVIN EUGENE GOLD, B.S., 1949
 ARNOLD IRVING GOLDBERG, B.S., 1949

LUDWIG NICHOLAS GRANDL, B.S.,
Elmhurst College, 1949
LEO RICHARD GREEN
DONALD HERBERT GREENBERG
CHRISTOPHER GROEN
ROY HALPERN, B.S., 1949
BERNARD HANKIN, B.S., Roosevelt
College, 1949
TAKESHI HAYASHIDA
ROBERT HAROLD HERMAN, B.S., Illinois
Institute of Technology, 1950
JOHN MITCHELL HILL
PAUL HIRSCH
WILLIAM JAMES HOGAN
RICHARD HONG, B.S., 1949
WILLIAM KENDALL HOOKS, Jr., A.B.,
Lincoln University, 1949
ANTHONY JOHN IERULLI, B.S., Bradley
University, 1949
GEORGE RUPERT JOHNSON, B.S.,
Wheaton College, 1948
JOHN WILLIAM JOHNSON
JOHN MCKINLEY JOHNSTON, A.B.,
Southern Illinois University, 1949
WILLIAM MONROE JOHNSTON
JAMES EDWARD JONES, A.B., University
of Wisconsin, 1949
WILLIAM DONALD JONES
WILLIAM CLYDE KATEL
ELI MELVIN KATZ, B.S., Roosevelt
College, 1949
MARION KENNETH KAUFMANN, A.B.,
Greenville College, 1949
JOHN EDWIN KERR, Jr., B.S., University
of Arkansas, 1942; D.V.M., Iowa
State College, 1946
ALFRED DAVID KLINGER
SAMUEL KREMEN, B.S., 1949
IRVING KUPERMAN, B.S., 1949
FRANK LOUIS LANUTI, B.S., Purdue
University, 1942
SHELDON EARL LAVIN
RICHARD VERNON LEE
HERBERT STEWART LEVIN, B.S., 1949
VARDITH NAOMI LEVY, B.S., 1949
JEROME LEONARD LIPIN, B.S., M.S.,
1949, 1950
SIDNEY THEODORE LUBIN, B.S.,
Roosevelt College, 1950
TOFIEL THOMAS LUKASIK, B.S., 1949
ROBERT TAYLOR LUNDEEN, A.B.,
Augustana College, 1949
TIMOTHY ARTHUR MANNING
JAMES RICHARD MARKS, B.S., 1949
WILLIAM HENRY MARSHALL, A.B., 1950
FRANK MASAO MATSUMOTO
ALVIN ABRAHAM MILLER, B.S., Roose-
velt College, 1948
RAYMOND NICHOLAS MILLER, A.B.,
St. Procopius College, 1949
CHARLES GEORGE MOERTEL
MARVIN FRED MORRISON, B.S., 1949

BASIL ANTHONY MOSKOFF
EDWARD FREDERICK MURRAY, Jr., B.S.,
Illinois Wesleyan University, 1949
MAURICE SIDNEY NADELMAN
ROBERT JOSEPH NEJDL
NORMAN HARVEY NELSON, B.S., 1949
ROBERT EARL NYQUIST
NICK FRANK PACE
JOHN CAROL PARROTT, A.B., Olivet Col-
lege, 1948
CHARLES NATHAN PATTON, B.S.,
Wheaton College, 1949
ROBERT EUGENE PAXTON
JACK WILLARD PEARSON
LENIN PELLEGRINO
ROBERT BENJAMIN PILDES
MICHAEL PETER PILL, A.B., North
Central College, 1949
DONALD RICHARD PLATT
FRED RAY PORTNEY
JOHN CASIMIR PRZYPYSZNY, A.B., 1950
JOHN GOULD RAFFENSPERGER, A.B., 1950
IRVING RAPPAPORT, D.D.M., University
of Louisville, 1947
IRVING MICHAEL RASCON
MARVIN ARNOLD RAWITCH
CHARLES REACH, B.S., 1949
ROBERT ALVIN REIFMAN, A.B., 1949
ALLEN CURTIS RIGGLE
JOSEPH HOWARD ROBBINS
DALE HENRY ROSENBERG
WALTER SAPHIR
RICHARD EDWIN SCHAEDE, B.S., 1949
DONALD MUSKAT SCHLEIFER
HAROLD ALVIN SHAFTER, Ph.B., B.S.,
University of Chicago, 1947, 1949
MORTON SHANE, B.S., 1949
DANIEL SHAPIRO, B.S., 1949
HAROLD BUDDY SHRIFTER, B.S., 1949
ROBERT SIMON, B.S., 1949
WILLIAM SINGER
JOHN CARSTON SPARKS
JACK OLIVER SPICER
CHARLES LEROY STEIDINGER
ROSITA STEPHAN
JACK STRONG
RONALD EUGENE SUMNER, B.S., Bradley
University, 1949
CHARLES JOHN SUPPLE, B.S., 1949
RALPH KENT SWEDLUND
RONALD TEICHNER
WILLIAM VICTOR TORRICELLI, B.S.,
Aurora College, 1949
ELDON DALE VAN SANDT, B.S., Eureka
College, 1949
JOHN WILLARD VEIRS
ABRAHAM WARSASKI, B.S., 1949
REX EDWARD WIEDERANDERS, M.D.,
1951
MILFORD GERALD WYMAN, B.S., North-
western University, 1949

(Conferred September 15, 1951)

THOMAS VICTOR SHIELS, M.D., 1940

Degree of Bachelor of Science in Occupational Therapy*(Conferred June 19, 1952)*

VIRGINIA BECKWITH
 ROBERT KENDALL BING
 ANNE MARIE HEARTY
 ELLEN ARLENE KIRK
 SHIRLEY RAE LUNDBERG

MARTHA ESTELLE RICE
 MARY ANNE STIPP
 PATRICIA ANN WILLIAMSON
 ELAINE THERESA ZIMMERMAN

Degree of Doctor of Medicine*(Conferred September 15, 1951)*

LYLE EUGENE ADAMS
 ROBERT HENRY KYLE, B.S., Rice
 Institute, 1943; M.S., Iowa State
 College, 1945

(Conferred March 29, 1952)

NATHAN JOSEPH AVERICK, A.B.,
 Augustana College, 1948
 ALLISON GAIL BAXTER, B.S., 1950
 ROBERT PIXLEY BAYSINGER, A.B.,
 Southern Illinois University,
 1948; B.S., 1950
 ROBERT BARRETT BIRD, B.S., M.S.,
 1949, 1951
 WILLIAM BENSON BOBO, A.B., South-
 western University, 1941; B.S.,
 University of Mississippi, 1950
 JOHN LEE HOYT, B.S., 1950
 THOMAS HOLLINGSWORTH HUSON,
 B.S., Southern Illinois University,
 1947
 GEORGE RUPERT JOHNSON, B.S.,
 Wheaton College, 1948; B.S.,
 1951

MANNY JOSHUA KARBELNIG, B.S.,
 1947, 1950
 EDWARD FRANK KLITENICK, A.B.,
 B.S., 1948, 1950
 JOHN JACOB MATHEWSON, A.B.,
 Greenville College, 1948; B.S.,
 1950
 MORTON S. NOTARIUS, B.S., 1950
 ERNEST WILFRED PULLMAN, B.S.,
 1948, 1950
 SIGWIN BALTAZAR RASKA, Ph.D.,
 University of Berne, 1935; A.M.,
 University of Toronto, 1942
 JOHN CHARLES TODD, A.B., B.S.,
 University of North Dakota,
 1949, 1950
 ALBERT EDWARD WOELTJEN

(Conferred June 19, 1952)

BERNARD LEO ABRAMS, B.S., 1948, 1950
 ROBERT J. ADOLPH, Ph.B., University of
 Chicago, 1947; B.S., 1950; with
 Honors
 ROLAND GUSTAV ANDERSON, B.S., 1950
 NOBBY NOBORU ARATA, B.S., 1950
 GEORGE PICKERING BALZ, A.B., B.S.,
 1948, 1950
 GEORGE WILBURN BARD, B.S., 1950
 MYRON EDWARD BERKSON, B.S., 1950
 JOSEPH C. BERNSTEIN, B.S., Roosevelt
 College, 1948
 HAROLD VINCENT BISKA, A.B., B.S.,
 1948, 1950
 MARTIN EUGENE BLAZINA, B.S., 1950;
 with High Honors
 LAWRENCE FREDRICK BLOMBERG, B.S.,
 1950
 GILBERT BOGEN, B.S., 1948, 1950
 WARREN QUENTIN BRADLEY, A.B.,
 Southern Illinois University, 1948;
 B.S., 1950

THOMAS LEONARD BRANNICK, B.S., 1944,
 1949; M.S., 1951; with Honors
 ROBERT LOUIS BRATMAN, A.B., Bradley
 University, 1949; B.S., 1950
 LEONARD MARTIN BRESSLER, B.S., 1948,
 1950
 ROBERT JOHN BROCKMAN, B.S., 1950
 WILLIAM JOSEPH BRYAN, A.B., Duke
 University, 1947; B.S., 1949
 JACK CARSEL, B.S., 1948, 1950
 RAYMOND JOHN CASSADY, B.S., 1950
 GLENN W. CHAMBERLIN, JR., B.S., 1950
 RAYMOND ADOLPH CLASEN, B.S., 1950
 SHELDON RICHARD COGAN, B.S., 1950
 ELLIOTT SCHIFF COHEN, B.S., Long
 Island University, 1948; B.S., 1951
 MORTON SEYMOUR COMESS, B.S., 1948,
 1950; with Honors
 WILLIAM DEAN DAVIES, B.S., 1948
 ALLEN CHARLES DE OLAZARRA, B.S.,
 Northwestern University, 1947
 VINCENT SAM DIGIULIO, A.B., 1948

- VINCENT LAWRENCE DOUGLAS, B.S., 1948, 1950
 FRANK JAMES DOYLE, B.S., 1950
 WINSTON SIGVERT EKREN, A.B., B.S., University of North Dakota, 1949, 1950
 LAWRENCE CHARLES FIENE, B.S., 1950
 HERBERT SHELDON FRIEDMAN, A.B., B.S., 1950
 MORTON HAROLD FRIEDMAN, B.S., 1950
 SANDER GARRIE, B.S., Northwestern University, 1948; B.S., 1950
 ROBERT GILBERT, B.S., 1950
 WILLIAM LEROY GILES, B.S., 1949
 KENNETH LLOYD GILL, B.S., 1950
 EDWARD ARNOLD GLENN, B.S., 1948, 1951
 BERNARD A. GOLDBERG
 LOWELL GOLDBERG, B.S., 1950
 SIDNEY GOLDBERG, A.B., B.S., 1948, 1950
 IRWIN GOLDFARB, B.S., 1950
 GORDON CLOYES GRAHAM, B.S., 1950
 GEORGE CROWDEN GREEN, JR., B.S., Northern Illinois State Teachers College, 1948
 MYRON GREEN, B.S., 1950
 JANICE R. GREENBERG, B.S., 1948, 1950
 EDWIN DAVID GRIFFIN, A.B., B.S., 1948, 1950
 DAVID PHILIP GROSS, B.S., Roosevelt College, 1949
 GEORGE ALFRED HART, A.B., James Millikin University, 1948; B.S., 1950
 JERRY DAVID HEATH, B.S., United States Naval Academy, 1945; B.S., 1950
 WILLIAM LEROY HEDGES, B.S., 1950
 JOHN WILLIAM HENDRIX, B.S., 1950
 PAUL WOLFGANG HERZ, B.S., 1950
 LEONARD HOIT, B.S., 1948, 1950
 HERBERT JOHN HOPKINS
 SIMON HORENSTEIN, B.S., 1950
 ROSS NELSON HUTCHISON, B.S., 1950; A.B., James Millikin University, 1951
 HAIG IGNATIUS, B.S., 1950
 LAWRENCE ROBERT IRISH, B.S., 1950
 WILLIAM STARK JOHNSON, B.S., 1950
 ALVAN GENE KARRAKER, B.S., 1948, 1950
 HERBERT HOOVER KAUFMANN, B.S., 1948
 EDWIN KISSEL, B.S., 1948, 1950
 LLOYD THOMAS KORITZ, B.S., 1950
 GEORGE KROLL, B.S., Central Y.M.C.A. College, 1944; B.S., D.D.S., 1944, 1946; with Honors
 JAMES NORMAN LANE, A.B., Ohio State University, 1948; B.S., 1950
 JOHN LANFRANKI, B.S., 1950
 EDWARD DECKER LARDNER, B.S., 1950
 LAWRENCE DONOVAN LEE, B.S., Monmouth College, 1948; B.S., 1950
 CHARLES ROBERT LEIGHTON, JR., B.S., 1950
 OSCAR SIDNEY LENIT, JR., B.S., 1948, 1950
 JERRY CHARLES LEVIN, B.S., Loyola University, 1948; B.S., 1950
 EUGENE JULES LEVINE, B.S., Northwestern University, 1950; B.S., 1950
 HAROLD LEWIS, B.S., 1950
 GERALD LIEBERMAN, B.S., 1950
 LEONARD HAROLD LIEBERMAN, B.S., 1948, 1950; with Honors
 ALEXANDER JOHN LINK, JR., B.S., 1950
 ROBERT HARDING MACNERLAND
 ROBERT EDWARD MADDEN, B.S., 1950
 ROBERT JAMES MAGANINI, B.S., 1950
 MELVIN A. MAROUSEK, A.B., University of South Dakota, 1949
 MALCOLM ROYCE MATHIAS, A.B., James Millikin University, 1948
 ROBERT MYLES MCCRAY, B.S., 1949
 HUGH JOSEPH MCMENAMIN, JR., B.S., 1950
 HARRY NEWTON MCMURRAY, A.B., Southern Illinois University, 1948; B.S., 1950
 ROY MILTON MENDELSON, B.S., 1950
 HARRY LEROY MESSMORE, JR., B.S., 1950; with Honors
 FRANK LOUIS MEYER, B.S., 1950; with Honors
 EUGENE ALLEN MONROE, B.S., Southern Illinois University, 1948
 JOHN BEVERLY MOORE, III, B.S., M.S., 1949, 1951; with Honors
 ROBERT ALLEN MOORE, B.S., 1950; with Honors
 GEORGE WILLIAM MORROW, JR., A.B., B.S., 1949, 1950
 ROBERT CARL MUEHRCKE, B.S., 1948, 1950
 HERMAN JOSEPH NEAL
 DAVID GRAY NELSON, B.S., 1950
 ROBERT ALLEN NELSON, A.B., Augustana College, 1948
 SHELDON ALEX NEMEROVSKI, B.S., 1948
 DAVID ESKEL NORBECK, B.S., Wheaton College, 1947
 RALPH ARTHUR OLSON, B.S., 1950
 ROBERT GEORGE OLSON, B.S., 1950
 JOHN WILLIAM OTTEN, B.S., Bradley University, 1949
 RICHARD CLARE PARSONS, A.B., Olivet College, 1949; B.S., 1950
 ERWIN MAURICE PATLAK, B.S., Loyola University, 1948; B.S., 1950
 JUDSON VASCO PHILLIPS, B.S., 1950
 PETER SAMUEL PINTO, B.S., Roosevelt College, 1948
 ROBERT LEE PRENTICE, B.S., 1950
 ROBERT PIRRITE QUACKENBUSH, A.B., Augustana College, 1948; B.S., 1950

- KEITH RICHARD RABINOV, B.S., 1951
 ADOLPH J. RABINOVITZ, B.S., Roosevelt College, 1948; B.S., 1950
 ALYDA RENE RATAJIK, A.B., B.S., 1948, 1950
 ROBERT DAVIS RAWSON, B.S., Southern Illinois University, 1948
 FRANK RAYMON, JR., B.S., Southern Illinois University, 1947; M.S., 1951
 DAVID PRESTON RICHESON, A.B., Southern Illinois University, 1948
 DAVID JAMES RICHTER, B.S., University of North Dakota, 1950
 CHARLOTTE ROSE ROBERTSON, A.B., M.S., 1948, 1951
 LEIGH EDWARD ROSENBLUM, B.S., 1948, 1950
 NORMAN PHILIP ROTENBERG, B.S., 1948, 1950
 STANLEY GUS ROUSONELOS, B.S., 1948, 1950
 JAMES ANDREW ROWE, B.S., 1948
 KUMAO SAKO, B.S., 1950
 HARRY WILLIAM SANDBERG, B.S., 1948
 FELICIANO SANTOS, JR., B.S., University of Puerto Rico, 1939
 CHARLES ARTHUR SCHELL, B.S., Quincy College, 1948; B.S., 1950
 ALBERT FREDRICK SCHNEIDER, B.S., 1950
 GROVER LEONARD SEITZINGER, B.S., 1950
 DONALD KEITH SHANAFELT, B.S., 1950
 GLEN WILLIAM SHOLS, B.S., 1950; with Honors
 JUSTIN SIMON, B.S., 1950
- ROBERT DENNIS SIMPSON, B.S., 1950
 MARJORIE LOU SMITH, B.S., Northwestern University, 1946
 JAMES EMERY SOUTHARD, B.S., 1948, 1950
 DARRELL EUGENE STATZER, B.S., 1950
 LOREN JULES STERN, B.S., 1950
 ALAN LYMAN THAIN, B.S., 1950
 LEE HERSH TRACHTENBERG, B.S., 1948, 1950
 RICHARD CLIFFORD TREANOR, B.S., 1950
 HUGO VIETZ, B.S., Roosevelt College, 1948; B.S., 1951
 WILLIAM JOHN VON RUDEN, B.S., 1950
 HAROLD HALE WARNER, B.S., University of Michigan, 1948; B.S., 1950
 EDWARD MARSHAL WASSERMAN, B.S., University of Chicago, 1948; with Honors
 ALVIN LLOYD WATNE, B.S., 1950
 FRIEDA M. WEINER, B.S., 1950; with Honors
 ALVIN PAUL WENDEL, A.B., Washington University, 1948
 STANLEY GERALD WERNER, A.B., Stanford University, 1948; B.S., 1950
 DONALD SHANKLIN WHAM, B.S., 1950
 JULIUS JAY WINEBERG, B.S., 1951; with Honors
 FRED WILLIAM WITT, B.S., 1950
 LYNN RORY WOODWARD, B.S., 1950
 HAROLD CHARLES WRIGHT, B.Ed., Southern Illinois University, 1940

SCHOOL OF NURSING

Diploma in Nursing

(Conferred June 19, 1952)

- MODESTO JOSE ARDISANA
 BARBARA ANN BECK
 MARCELLE RAY BESTEDA
 MARILYN J. BISHOP
 JOYCE ADOREE BONNEVILLE
 JEAN LIGHTFOOT BRINKMANN
 CONCETTA TANZI BROWN
 WINIFRED MEDORA CALES
 ESTHER L. COOPER
 DOROTHY ELEANOR FRIDAY
 BACILIZA JULIA GARCIA
 EVELYN JUANITA GRAVLEY
 VADONA GREGORY
 ANN ELIZABETH HARPER
 HELEN MAE HARTWELL
 CASTELLA ST. CLAIR HESKAMP
 HAZEL ANN HUHNKE
 ROSEMARY E. HUNTER
 WILLA JOHNSON HYLER
 ROSALIE KILGORE JACKSON
- EFTSTATHIA ANGELINE LAGOPOULOS
 ROMWALDA LAVERNE LISSY
 MARY VERA LODGE
 LILIAS FRASER MILNE
 JOSEPHINE ANNE MORAN
 GLORIA INEZ MORTON
 MARGARET ANN O'ROURKE
 DONNADEAN COLLEEN RAY
 MARTHA ROBINSON
 CAROL YVONNE SCRIBNER
 DOROTHY H. STUART
 JOAN AUDREY TAGLIERE
 DORIS YVONNE THOMAS
 DORIS WASHINGTON
 JEAN CHRISTAL WHEELER
 FRANCES E. WILPULA
 DORIS ELAINE WOODS
 GLORIA ANN YOUNGREN
 OLGA ZDEBLICK
 FAY LANE ZELLER

Degree of Bachelor of Science in Nursing*(Conferred September 15, 1951)*

MURIEL HELEN MOSS

(Conferred June 19, 1952)

*RACHEL BLISS, Graduate, Cook County School of Nursing, 1946

ROSA LILLIAN CARLSON, Graduate, Michael Reese Hospital School of Nursing, 1949

*NADINE JARRAND DAVIES, Graduate, Presbyterian Hospital School of Nursing, 1950

*LILA MAE DEPREE, Graduate, Presbyterian Hospital School of Nursing, 1949

*DOROTHY MARIE FOY, Graduate, St. Luke's Hospital School of Nursing, 1948

MARTHA M. KAWABE, Graduate, University of Illinois-Cook County School of Nursing, 1948

KATHLYN OPEL MCKENZIE, Graduate, University of Illinois-Cook County School of Nursing, 1945

*MILDRED JOAN MULDER, Graduate, Presbyterian Hospital School of Nursing, 1948

LAUREL NADINE MURPHY, Graduate, Presbyterian Hospital School of Nursing, 1949

*MARY JANE PETERS, Graduate, Michael Reese Hospital School of Nursing, 1950

* Successfully completed pre-nursing curriculum February 10, 1952.

COLLEGE OF PHARMACY**Degree of Bachelor of Science in Pharmacy***(Conferred December 22, 1951)*

BERNARD JOSEPH KRYSZAK

RILEY MYRON LAMBERT, A.B., Berea College, 1942

RICHARD JOHN RISTOW

FREMONT EARL SCHNEIDER

PAUL EDWARD SCHUESSLER

(Conferred March 29, 1952)

HAROLD LEO FATH

RUDOLPH JOSEPH JARABAK

(Conferred June 19, 1952)

FRANK CHARLES ALTMAIER

GEORGE CHARLES ANDREWS

WILLIAM JOHN ARKINS

LOUIS PAUL BARCHES

ZITA LORETTA BAUBKUS

HAROLD VINCENT BENHAM, B.S., 1936

RALPH EUGENE BERGGREN

CLARENCE HERMAN BERNARD

WILLIAM JAMES BICKET

WALTER EDWARD BLEILER, with Honors

ROBERT DANIEL BOND, B.S., Eastern

Illinois State College, 1948

JOHN JOSEPH BRENNER, JR.

MARK HILL BROOKS, JR.

LEWIS ALLEN COOKE

JOAN MARGARET CRIST

ROBERT LEWIS DECK

WILLARD JAMES DEES

NOEL CHARLES DICKS

JAIME WINSTON DIXON

JAMES ALBERT DWYER

LOUIS FEINMAN

JOHN THOMAS FINNEGAN

MATTHEW J. FIVASH

MORRIS HYMAN FRIEDMAN

ROBERT FRIEDRICH

SEYMOUR STUART GORDON

NORBERT JOSEPH GREBY

ALFRED STEPHEN GRINKEWICH

DAVID MICHAEL HACKER

GILBERT EUGENE HAGGENJOS

DONALD ROBERT HAYWARD

ALFRED HELLER, with Honors

ROBERT MARSHALL HEYMAN, with Honors

WILLIAM THOMAS HOGAN

KENNETH FRANCIS HOOD

GORDON FREDERICK HOWE

GEORGE ICHIBA

WANDA ELEANOR JAGODZINSKI

ROBERT WARREN JOHNSON

ROBERT GORDON KARRAKER

ALICE JOAN KIBLER

WILLIAM CLARKE KLECKNER

RAYMOND HERBERT KRAMER

MARTIN LOUIS LEBEDUN

MARVIN MOSES LEBOVITZ

KI CHOON LEE

ROBERT MICHAEL LIKOVICH

EDWARD DAVID LOSEFF

WALTER DONALD LOWE
 VIRGINIA MAE LYNN, with Honors
 CONSTANCE DIANE MACKROPOULOS
 SOLOMON MAFFRIS, B.S., Roosevelt
 College, 1948
 SOL MANDELSON
 HOMERO E. MANFREDI
 JOHN MIKLIAN, JR.
 MARSHALL SEYMOUR MILLER
 SHELDON D. MILLER
 ALFRED FRANK MOSCINSKI
 OWEN ARMAS NIEMI
 JOHN WILLIAM PAINE
 JAMES SEWARD PALMGREN
 JOSEPH STANLEY PARKS, B.S., Loyola
 University, 1949
 WALTER JOSEPH PERLINSKI
 JAMES JOSEPH PISANO
 IRVING FLISKIN, B.S., 1949
 ALFRED WILLIAM RAKEBRAND
 PEARL ALVINA RIEMENSPERGER
 MILTON ROSENTHAL
 JAMES HARRIS RUBEN
 ARTHUR SALZMAN
 LEONARD JAMES SKONIECKE

EDWARD GEORGE STANICH
 JACK HENRI STITES, B.S., 1951
 MORY SUMMER
 JOHN LAURENCE SUMMERS
 EDWARD GEORGE SWANSON
 JOSEPH PETER TAVOLACCI
 OWEN DURANT THOMAS
 PAUL EDWIN TUFO
 ARMEN RAYMOND VARZHABEDIAN, B.S.,
 Northwestern University, 1949
 MARIE JOSEPHINE VONDRASEK
 RICHARD LESLIE WEDDLE
 GERALD MEYER WEINSTEIN
 IRVING H. WEISBERG
 EARL WEISMAN
 NELLIS EVERETT WINGATE
 IRWIN HERBERT WOLOSHIN
 JOAN ALOYSIUS WOLSKI
 STEVE C. YANNIAS
 THEODOR BOHDAN ZALUCKY, Ph.M.,
 University of Vienna, 1942
 JOHN ZARUBA
 JOHN ANTHONY ZIBRIDA
 NORMAN DALE ZILMER, with Honors

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President