

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**February 19, 1959**



The February meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Thursday, February 19, 1959, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. C. E. Flynn, Director of Public Information, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. John H. Worthington, Manager of Public Information Office, Chicago Departments, Mr. Richard L. Nelson, President of Real Estate Research Corporation of Chicago; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary. Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, Trustees-elect, were guests at the meeting.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of the Board of Trustees on September 30, 1958, and October 23, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Holt, these minutes were approved as printed on pages 77 to 177, inclusive.

**CHANGE OF ORDER OF BUSINESS**

Mr. Johnston moved that the Board suspend the rules on the Order of Business to take up consideration of certain resolutions and a report of the Committee on General Policy; and this motion was adopted by a voice vote.

Mrs. Watkins moved that Mr. Herrick be asked to take the Chair and to preside during the presentation of resolutions. This motion was adopted and Mr. Herrick took the Chair.

**RESOLUTIONS**

Mrs. Watkins offered the following resolution and moved its adoption:

**To Doris S. Holt**

The Board of Trustees of the University of Illinois gratefully records its warm appreciation for your faithful service as a member of this Board for the twelve years from 1947 to 1959.

As Chairman of the Student Welfare and Activities Committee for twelve years you have given leadership to an important aspect of the Board's work and have done so with understanding and insight. You have made important contributions to the physical development and welfare of the University as a member of the Committee on Buildings and Grounds during your entire tenure. The University of Illinois is fortunate to have had the benefit of your competent and gracious service.

The President and other administrative officers of the University desire to join the members of the Board of Trustees in this tribute and also in extending best wishes to you and Mr. Holt in the years to come.

The Board directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official record and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois

On the nineteenth day of February, one thousand nine hundred and fifty-nine, and in the ninety-second year of the University.

Mr. Johnston offered the following resolution and moved its adoption:

**To Cushman B. Bissell**

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation for your public-spirited and distinguished service as a member of this Board for the six years from 1953 to 1959.

Your able contribution to the work of a number of committees is recognized and special commendation is noted for the leadership you have given to the Alumni and Patent Committees of which you served as Chairman. The keen discernment evident in your discussions of business before the Board and in directing attention to fundamental issues has been of great help to the Trustees in making policy decisions. It should also be noted that as a representative of this Board on the Board of Trustees of the University Retirement System of Illinois you had an especially useful role in bringing to this assignment your splendid legal and business background and your personal acumen.

The President and other administrative officers of the University have indicated their desire to join the members of the Board of Trustees in this tribute and in extending to you and Mrs. Bissell their best wishes for the years ahead.

The Board of Trustees directs that this resolution be incorporated in the

minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois

On the nineteenth day of February, one thousand nine hundred and fifty-nine and in the ninety-second year of the University.

Mr. Swain offered the following resolution and moved its adoption:

#### **To Park Livingston**

The Board of Trustees of the University of Illinois hereby records your eighteen years of continuous service as a member of this Board and gratefully expresses its appreciation for your vigorous and competent leadership as its President for ten years, in the periods from 1943 to 1948, again from 1951 to 1954, and most recently from 1957 to 1959.

Your long and diversified experience in the University, in your earlier years as a student leader, as a member of the staff, and later as a member of this Board of Trustees, have given you depth of understanding of this institution which, coupled with your energy and devotion, have provided it with extraordinary service. It should be noted that your services during the past eighteen years included the critical World War II and postwar periods when policy and planning decisions were significant in shaping the future of the University. The list of the University's accomplishments in the expansion of its services during your tenure as Trustee and as President of the Board would be too lengthy to recount here, but three significant programs to which you made special contributions should be mentioned: the establishment of the College of Veterinary Medicine; the construction of the University of Illinois Airport and the establishment of the Institute of Aeronautics; and the establishment of the Chicago and Galesburg Undergraduate Divisions.

Special recognition is also due your sixteen years as a member of the important Executive Committee of the Board of Trustees and your work on all of the other standing committees on four of which you served as Chairman. Your services as a member of the Medical Center Commission and as a Director of the University of Illinois Foundation should also be recorded as significant contributions to the welfare of the University.

The President and other administrative officers of the University wish to join with the Board of Trustees in this tribute to you and in extending best wishes to you and Mrs. Livingston.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois

On the nineteenth day of February, nineteen hundred and fifty-nine, and in the ninety-second year of the University.

The foregoing resolutions of tribute to Mrs. Doris S. Holt, Mr. Cushman B. Bissell, and Mr. Park Livingston, having been read, were unanimously adopted by a rising vote.

Mr. Herrick withdrew from the Chair and President Livingston again presided.

#### **SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION**

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

The Committee on General Policy, a standing Committee of the Board of Trustees, with the President of the Board added for this purpose, has acted as a special committee on matters relating to the development of the Chicago Undergraduate Division.

The University of Illinois Chicago Undergraduate Division was established

by the Board of Trustees in 1946 after consultation with the Governor of Illinois, the Chairman of the Illinois Budgetary Commission, and other leaders in the General Assembly of Illinois<sup>1</sup> to provide additional higher educational facilities needed by the University to accommodate the large number of students seeking admission to college and particularly veterans of World War II to whom the state of Illinois and the University had a special obligation. With the cooperation of the Governor, the Mayor of Chicago and other city officials, the University was able to lease and remodel quarters at Navy Pier for the new division and to accept students at the beginning of the academic year 1946-47. The educational program started with, and still consists of, the first two years of college work in liberal arts and sciences, commerce, engineering (including architecture and art), and physical education.

The original concept of the Chicago Undergraduate Division was an emergency facility in its present temporary quarters but capable of development in a permanent location both in physical facilities and in educational programs as the needs of the state and the obligations of the University to meet these needs might require. There is no longer any question of the need. It is apparent that the Chicago Undergraduate Division is a permanent part of the University's organic educational structure, and it has been so recognized by the General Assembly of Illinois. There remain, however, the questions—and problems—of its physical facilities and the expansion of its educational programs. Navy Pier was and is a temporary home; it has never been considered a permanent one. The reasons are well known but bear repeating for the record: Navy Pier is not a suitable place (and is becoming less so) for educational work at the college level; the amount of space available there is not adequate for the necessary expansion to meet the inevitable increase in enrollment; and the city of Chicago needs, for other purposes, the space the University now occupies.

This report of your Committee deals only with the matter of relocation. The development and expansion of educational programs are still under study by the University faculties and the administration, and a future report will be made relative thereto.

The Board of Trustees has employed the Real Estate Research Corporation of Chicago as consultant on studies of site selection for the permanent relocation of the Chicago Undergraduate Division. This Corporation's first assignment was to develop criteria for evaluation of sites to meet the University's needs. The criteria it developed are hereafter set forth in detail.

At this point it should be noted, as the Committee on General Policy and the Board of Trustees has previously stated publicly, that the prime objective in University planning for the Chicago Undergraduate Division is to have the buildings and other facilities needed to carry on the present educational programs on a permanent site ready for use in 1963. This timetable is based on known data on the number of students who will be seeking admission to the University during the next four years. The present facilities at Navy Pier simply can not accommodate the potential enrollment.

Subsequently Real Estate Research Corporation catalogued all potential sites, obtained substantially all pertinent information concerning them and submitted a comprehensive report, "Analysis of Sites for the Campus of the Chicago Undergraduate Division." Eighty-three sites were considered and investigated. In its studies Real Estate Research Corporation has had the architectural and engineering assistance of the architectural and engineering firms of Skidmore, Owings, and Merrill, Naess and Murphy, and Sargent and Lundy, all of Chicago. Its report, dated October 20, 1958, was presented to the Board of Trustees on October 23, 1958, and was made public. Copies of it were supplied to all public officials concerned and to other interested parties. Following is an extract from the Real Estate Research Corporation's report which is pertinent to this report of the Committee on General Policy:

<sup>1</sup> The General Assembly of Illinois was not in session in 1946 but the supplementary appropriations for the biennium of 1945-47 needed by the University to provide for the establishment and operation of its Chicago Undergraduate Division (and also one in Galesburg which was in operation from 1946-49) were promptly made as emergency legislation when the General Assembly convened in January, 1947.

"As the result of a series of population, transportation, economic and location studies and program studies, the following criteria briefly stated have been used to measure the potential of various sites:

1. Accessibility: (This criterion was determined after comparative studies of places of residence of students enrolled at Urbana-Champaign and at Navy Pier as well as students enrolled in other colleges in the Chicago area. These studies were supplemented with data on transportation habits and preferences of students at Navy Pier obtained directly from them.)
  - a. A site must be accessible by public transportation, with a maximum travel time of one hour and a maximum fare (at present fare levels) of 57½ cents for a one-way trip, from the homes of at least 50 per cent of the potential students residing in Cook and Du Page Counties.
  - b. A site must be accessible from the homes of at least 85 per cent of the potential students, residing in Cook and Du Page Counties, either by public transportation as stated above, or by private automobile with a maximum driving time of forty-five minutes.
2. Availability: The site must be available on a schedule which permits beginning of construction by July, 1960, and the complete operation of the first stage (6,000 students) by the fall of 1963; and the balance of the site must be available by 1965 for construction of those buildings needed for the final stage.
3. Expansibility: Sites with areas above minimum requirements, or with feasible possibilities of expansion, are to be preferred over sites lacking these qualities.
4. Cost: Sites with low costs are to be preferred to sites with high costs. Such costs include:
  - a. Acquisition cost of the land.
  - b. Development cost of the site.
  - c. The possibility of building low-rise structures as opposed to higher cost, high-rise buildings.
5. Environment: Sites adjacent to environmental factors which would assist the educational mission of the campus are to be preferred over sites with neutral or unfavorable environmental surroundings. Environmental factors to be evaluated for specific sites include:
  - a. General environment, particularly as to land use, physical condition, identification, prestige, and safety.
  - b. Adjacency to cultural or other facilities which could be used by the University.
  - c. Proximity to areas of superior opportunities for desirable faculty housing, and of potential employment for students."

The application of these criteria to all sites studied resulted in the Real Estate Research Corporation's finding in its report of October 20 that there are four outstanding locations which meet the requirements of accessibility to the student population to be served (here again we quote from the Corporation's report):

- "a. The first, *Northerly Island*, is located on the lake front. It was built in the 1920's as Island No. 1 in a proposed series of five islands, and subsequently renamed *Northerly Island*. Except for a brief period during the Century of Progress Exposition, it had no substantial use until the end of World War II, at which time it was offered to the United Nations as a site for their headquarters. The United Nations subsequently chose the East River location in New York. In 1949 a portion of *Northerly Island* was improved with a landing strip, and this section of the island has been operated as Meigs Field ever since.

- b. The *Rail Terminal* site is located in the general area between State Street and the Chicago River and from Congress Street to Fourteenth Street. It is now occupied by the Grand Central Station, LaSalle Street Station, and the Dearborn Street Station, and used by fourteen railroads.
- c. *Garfield Park* is a large park located between the Congress Street Expressway and Fulton Street, between Hamlin and Homan Boulevards. The portion which would be used for the University's first stage is that lying south of Madison Street. All of the important buildings in the park are located in the park areas north of Madison Street and are not involved in this site.
- d. *Riverside Golf Club* is a privately-owned golf club located, roughly speaking, between Desplaines Avenue and First Avenue and between Twenty-second and Twenty-sixth Street in North Riverside."

Further exploration by the Committee on General Policy and consideration of information it has received make it clear that of these four sites, two are now considered as having first priority—Northerly Island and the Riverside Golf Club. Both are endorsed by the University administration as acceptable and desirable. (In a separate statement the factors which limit the consideration of the Rail Terminal site and Garfield Park are outlined.) The Committee on General Policy has reviewed the comparative merits of Riverside Golf Club and Northerly Island as sites for the Chicago Undergraduate Division. These two locations have been judged as acceptable in terms of accessibility, environment, and expansibility.

In all considerations of this problem, the Board of Trustees has been motivated only by the desire to acquire the best possible site at an advantageous price and within a time limit which would make it possible for the new facilities to be available without closing the doors upon qualified students who wish to attend the University of Illinois. Mindful that to meet this time schedule action must be procured in the current session of the General Assembly, and that estimates of cost for appropriation purposes must be submitted promptly to the budget offices of the state government, the Committee on General Policy believes the best solution of the site question is the Riverside Golf Club.

The Committee is mindful of the desires of many people and public officials to have the Chicago Undergraduate Division within the city limits, but since the only other recommended site now under consideration is Northerly Island, and since the Committee has no assurance that Northerly Island is available, or that it will be made available within a reasonable time schedule, or at a cost equal to or less than that projected for Riverside, the Committee believes the Riverside Golf Club should be designated as the site since it can be acquired through proceedings in eminent domain, if necessary.

Accordingly, the Committee recommends that the Board of Trustees authorize and direct the President of the University, through appropriate staff officers and with such other assistance as may be required, to negotiate with official representatives of Riverside Golf Club for the acquisition of its holdings and with such other owners of property immediately adjacent to the Club grounds as may be desirable for the initial planning development. If negotiations fail, the President is directed to submit a plan for the acquisition of the properties through proceedings in eminent domain. The Committee further recommends that the President of the University be directed to submit to the Governor the estimated sum required to finance the purchase, and to amend the requests of the Board of Trustees for the capital budget of the University as submitted to the State Department of Finance to include this item plus \$1,300,000 for architectural plans and initial site development.

Finally, the Committee recommends that this action be reconsidered by the Board, if, within thirty days from this date, the Park District of the City of Chicago should make a firm offer in writing to the President of the University to transfer Northerly Island to the Board of Trustees at a reasonable cost compared to that projected for the Riverside Golf Club for the development of the Chicago Undergraduate Division including assurance of free fill over a reasonable period of time for the lagoons on the west side of Northerly Island. The thirty-day limitation of time is necessary because a request for an appropriation by the General Assembly of Illinois must be made in March, 1959.

**Supplement to Report of the Committee on General Policy on Site Selection for Relocation of the Chicago Undergraduate Division**

1. Consideration of the Rail Terminal site, consisting of approximately one hundred thirty acres proposed and allocated by the Central Area Committee for use by the University of Illinois, has been limited because:
  - a. It is now clear that this land can not be made available to meet the University's time schedule for the relocation of the Chicago Undergraduate Division.
  - b. The valuation for reuse would be greatly in excess of the cost of one of the other acceptable sites.
  - c. Undesirable environmental conditions exist east of the site, and there is no assurance of improvement of these conditions within the predictable future.
  - d. Expansion beyond the known acreage would probably be difficult and relatively expensive.
2. Likewise consideration of the Garfield Park site of approximately one-hundred forty-six acres, including fifty-four acres of park land, has been limited because:
  - a. No assurance has been given to the University that the park land will be made available to it.
  - b. Unless new federal legislation is enacted and funds are appropriated for an urban renewal project in this area, the total land cost to the University could be as much as \$20,000,000 which is greatly in excess of the estimated cost of at least one of the other acceptable sites.
  - c. The adjacent area to the east is less desirable as to environment than the areas adjacent to the Riverside Golf Club and Northerly Island.
  - d. It will be more difficult, and therefore more expensive, to provide delivery of fuel and other supplies to the Garfield Park site than to Northerly Island or Riverside Golf Club which can be served by rail or barge.

At the conclusion of this presentation, Mrs. Watkins moved the adoption of this report and approval of the recommendations.

There followed a general discussion of the report in which all of the Trustees participated. President Livingston invited the three Trustees-elect, who were guests of the Board and observers at this meeting, to join in this discussion and all three of them did so.

Mr. Harewood offered the comment that the Chicago Undergraduate Division should be in an area where it will be readily accessible to the greatest number of students and that the Riverside site is the least desirable from this standpoint. He suggested the Board defer action.

Mr. Clement suggested that the offer to accept Northerly Island be made more flexible as to the cost.

Mr. Pogue stated that he believes the present Board, having dealt with the site problem and having studied it for many months, is better qualified to make the decision than any other group. He added that Northerly Island would be his personal preference but the recommendation of the Committee leaves the door open to consideration of that site.

Messrs. John Harrington, G. A. Lund, E. P. Schoenthaler, and H. C. Woodward, residents of the Village of Riverside, and Mr. Jerry Slezak, Clerk of the Village of North Riverside, were present at the meeting and President Livingston asked if they wished to be heard. Mr. Harrington, speaking for the group, reviewed briefly the presentation he made on behalf of this group of citizens of Riverside at a meeting they had with the Committee on General Policy on February 18, 1959, at which time they expressed their objections to

the location of the University's Chicago Undergraduate Division in the area of the Village of Riverside and North Riverside. A copy of his statement to the Committee has been filed with the Secretary of the Board.

Mr. Alfred W. Sikes, an alumnus of Illinois and a resident of Chicago who was at the meeting, asked to be heard. He made a brief statement urging the Board to consider Garfield Park because this location is more readily accessible to the students who will be attending the Chicago Undergraduate Division.

At the conclusion of these presentations and discussions, Mr. Bissell moved that the report be amended in the first sentence of the last paragraph of the Committee's recommendations by striking the words "... cost equal to or less than . . ." and inserting in lieu thereof the words "... reasonable cost compared to. . . ." With the assent of Mrs. Watkins and Mr. Johnston, the other members of the Committee, Mr. Bissell's motion was considered and adopted, and the report as printed above is in this amended form.

The discussions having been concluded, Mr. Herrick asked for the question. Mrs. Watkins renewed her motion that the report of the Committee be adopted, as amended, and that the recommendations be approved. On this question the vote was: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins. Mr. Hughes added, by way of explaining his vote, that he hopes Northerly Island will be made available.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Board took up consideration of the following reports and recommendations from the President of the University.

#### **AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

(1) 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>Address</i>	<i>State from Which They Obtained Certificates</i>
SAUL MORTON BAKRINS	Chicago	District of Columbia
ROBERT HENRY BECKSFORT	Niles, Michigan	Michigan
EDWARD SAMUEL ELINS	Chicago	Montana
EDMUND JOSEPH FITZGERALD	Oak Park	Massachusetts
JACK LESLEY MCBRIDE	Chicago	Nebraska
LAWRENCE PHILLIPS	Bensenville	New York
LAWRENCE SPITZER	Chicago	New York

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1958, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

ORVILLE REX ABOLT, JR. (Champaign)	ALFRED AMADO (Chicago)
LEE NORMAN ABRAMS (Chicago)	CHARLES MELVIN ANDERSON (Melrose Park)
JOSEPH CHARLES ADDISON (Park Forest)	HARVEY JEROME ANGELL (Skokie)

- CLARENCE GEORGE AVERY (Champaign)  
 HERMAN BARRINGTON (Chicago)  
 PETER HENRY BERGMAN (Chicago)  
 EDWARD BERKOWSKY (Chicago)  
 WILLIAM RICHARD BEUTTLE  
 (Chicago)  
 RICHARD PHILMORE BEZARK (Chicago)  
 GEORGE ALFRED BIGGS (Downers  
 Grove)  
 IRA ALEXANDER BIRD (Wheeling)  
 MARTIN BOSKER (Chicago)  
 ARTHUR THOMAS BRADLEY, Jr.  
 (Chicago)  
 DONALD GEORGE BRADY (Decatur)  
 HARRY ALFRED BRANDT (Evanston)  
 JEROLD S. BRAUDE (Chicago)  
 BOYD NOEL BRISCOE (Chicago)  
 GERALD ALLEN BROWN (Springfield)  
 MELVIN EUGENE BROWN (Mt. Vernon)  
 JOSEPH WILLIAM BURDETT (Peoria)  
 JAMES LEONARD BYER (Oak Lawn)  
 DONALD EDWARD CALDART (Evanston)  
 CHARLES HENRY CALDWELL (Chicago)  
 ERIC NEIL CHANDLER (Springfield)  
 JAMES CALVIN COHRS (Batavia)  
 CHARLES PATRICK CONDON (Glen  
 Ellyn)  
 BRIAN DENIS CONMY (River Forest)  
 VINCENT ARTHUR COOLING (Decatur)  
 PETER COWLES (Evanston)  
 JOHN ANGELO DASSIOS (Chicago)  
 MELVIN DAVIS (Chicago)  
 ROBERT LOUIS DEPAUW (Wheaton)  
 GEORGE HAMM DICKERSON, Jr.  
 (Hinsdale)  
 HARRY GARRISON DOYLE, Jr. (Chicago)  
 ALLAN RICHARD DREBIN (Chicago)  
 LAWRENCE MICHAEL DUBIN (Chicago)  
 DONALD FRANK DVORAK (Chicago)  
 DAVID CARLTON EICHLER (Chicago)  
 JEROME JACK ESSES (Chicago)  
 JEROME JAY EX (Chicago)  
 JAMES RICHARD FALLEN (Chicago)  
 CHARLES ROBERT FAUST (Lawrence-  
 ville)  
 ERNEST EUGENE FIELD (Chicago)  
 NATHAN U. FIRESTONE (Highland  
 Park)  
 RALPH FISHMAN (Peoria)  
 RICHARD JAMES FLYNN (Chicago)  
 RICHARD MONTE GARGANO (Chicago)  
 JOSEPH CHRISTOPHER GIANOTTI  
 (Kankakee)  
 LAWRENCE ARNOLD GOLDMAN  
 (Chicago)  
 HENRY MEELAN GRANNAN (Chicago)  
 HAROLD GREENE (Park Forest)  
 ROBERT DEAN GRIFFITH (Elk Grove  
 Village)  
 WILLIAM MAUST GRISWOLD (Sterling)  
 ALFRED ERNEST HACKBARTH, Jr.  
 (Wilmette)  
 EPHRAIM HADASSY (Chicago)
- DALE WENDELL HAINES (Roselle)  
 GERALD KEITH HANSON (West  
 Chicago)  
 MELVIN MEYER HILL (Oak Park)  
 EARL WILLIAM HOAGE (Chicago)  
 JAMES VINCENT HOEY (Chicago)  
 HOWARD LEE ISENBERG (Chicago)  
 EUGENE BERNARD JACOBSON (Chicago)  
 FRANCIS JOSEPH JARA (Chicago)  
 SIDNEY FRED JARROW (Chicago)  
 ARTHUR TENNANT JONES (Westchester)  
 ROGER SCOTT JOSLIN (Rantoul)  
 MORRIS ABRAHAM KAPLAN (Chicago)  
 LAWRENCE ALVIN KAUFMAN (Chicago)  
 EARL JOSEPH KEATING (Lake Villa)  
 ROBERT LOREN KEITH (Chicago)  
 DONALD FORMAN KELLMAN (Skokie)  
 EDWARD HENRY KERCHER (Rockford)  
 IRWIN ALFRED KOSOFKY (Chicago)  
 FRANK PIERCE KROMER, Jr. (Riverdale)  
 PAUL JOSEPH LAFRENIERE (Chicago)  
 RICHARD UIN LANSDEN (Decatur)  
 DAVID SAUL LEVIN (Chicago)  
 GERALD EARL LIBMAN (Chicago)  
 BURTON ERNEST LINDGREN (Rockford)  
 GERALD FRANCIS LOGSDON (Chicago)  
 RICHARD THEODORE LORENZ, Jr.  
 (Deerfield)  
 SHIRLEY DEAN LYBARGER (Peoria)  
 CHRIST GUST MARINAKIS (Chicago)  
 ERNEST L. MARX (Chicago)  
 MELVIN JAY MAYSTER (Chicago)  
 PHILLIP RAY McDERMITT (Chicago)  
 EDWARD JAY MCGOWEN (Chicago)  
 TERENCE JOHN McMAHON (Rockford)  
 JAMES ARTHUR McMULLEN (Chicago)  
 RALPH HARVEY McNAUGHTON  
 (Quincy)  
 PAUL LEON MIGDAL (Chicago)  
 JOEL LAWRENCE MILLER (Chicago)  
 JOHN DANIEL MILLS, Jr. (Skokie)  
 FRANCIS JAMES MUSZYNSKI, Jr.  
 (Chicago)  
 SAMUEL MITUGE NAKAGAWA (Chicago)  
 ROBERT LANE NOBLE (Peoria)  
 CHARLES RICHARD OEHLER (Rockford)  
 THOMAS MICHAEL O'LEARY (Chicago)  
 NORMAN JOSEPH OSHERMAN (Chicago)  
 EDWARD GEORGE PANSCHAR (Chicago)  
 WILLIAM EDWARD PARKER (Downers  
 Grove)  
 ROBERT JOHN PENN (Chicago)  
 FRANK STEPHEN POLLACK (Chicago)  
 DONALD GLEN PYLES (Homewood)  
 HELENE MARIE APPOLONIA  
 RAMANAUSKAS (Chicago)  
 MELVIN EUGENE RATH (Springfield)  
 WILLIAM ANDREW REEGO (Northbrook)  
 HAROLD RAY RIECHES (Watseka)  
 HAROLD CHARLES RILEY (Chicago)  
 GERSON RUBINSTEIN (Chicago)  
 GEORGE HEINZ RUEDIGER (Chicago)  
 RONALD WHITE RUTHER (Chicago)

CORNELIUS MICHAEL RYAN (Chicago)	WILLIAM MATHEW STROUD (Chicago)
MAURICE EDWIN SABATH (Forest Park)	ROBERT WALTER TAGUE (Chicago)
PAUL FREDERICK SANDQUIST (Chicago)	DEAN HEYER TURNER (Des Plaines)
ROBERT JAY SCHWARTZ (Skokie)	HUGH BARKER VAN CLEVE, JR. (La Grange)
WILLIAM STANTON SEIDEN (Chicago)	ROY JOHN VANDENBERG (Thornton)
ROBERT SHAPIRO (Chicago)	BARRY VAN LEEUWE (Rolling Meadows)
LYLE DUANE SHARP (Park Forest)	WILLIAM HENRY VRBA (Brookfield)
ROBERT JOSEPH SHAW (Rockford)	ROBERT WARDA (Chicago)
JOHN ANTHONY SHERMULIS (Chicago)	LAWRENCE RICHARD WARNER (Lake Forest)
MYRON SHORE (Chicago)	LEON CHARLES WEXLER (Urbana)
KENNETH ROLAND SIMONSON (Lisle)	GAUDENCE LAWRENCE WORM (Elmwood Park)
JOHN FRANKLIN SMITH (Quincy)	RICHARD EDWARD YAVITT (Chicago)
ALAN HENRY SONS (Chicago)	RICHARD HENRY YOUNG (Chicago)
KERMIT BURDETTE SORUM, JR. (Chicago)	MELVIN ELLIOTT YUDLER (Chicago)
ROBERT SIDNEY SPENCER (Chicago)	ROBERT OLIVER ZINNEN (Chicago)
FRANK CONRAD STERNARD (Chicago)	JERROLD RICHARD ZISOOK (Chicago)
STUART RICHARD STRINGHAM (Park Forest)	

I concur.

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

#### APPOINTMENT OF ACTING DIRECTOR OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(2) On recommendation of the Vice-President in charge of the Chicago Professional Colleges, I have approved the appointment of Dr. Edward F. Lis, Associate Professor of Pediatrics in the College of Medicine and in the Division of Services for Crippled Children, and Director of the Center for Handicapped Children in the Research and Educational Hospitals, as Acting Director of the Division of Services for Crippled Children effective February 1, 1959, and continuing until the effective date of appointment of a Director. He will continue in his present positions as Associate Professor of Pediatrics on indefinite tenure and as Director of the Center for Handicapped Children in the Research and Educational Hospitals. For services as Acting Director, I have approved an additional salary of \$165 a month.

This appointment is to fill the vacancy created by the untimely death on January 10 of Dr. Herbert R. Kobes, who had been a member of the faculty and Director of the Division since 1945. A recommendation for a permanent appointment will be made in due time.

Confirmation of this action is requested.

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

#### 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. BENNETT M. BERGER, Research Assistant Professor of Communications and Assistant Professor of Sociology, beginning September 1, 1959, at an annual salary of \$6,850 (B).
2. ROGER W. BURTNESS, Associate Professor of Electrical Engineering, beginning March 1, 1959, at an annual salary of \$10,000 (D).
3. JOHN E. CREW, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of \$7,200 (DY).
4. DORA E. DAMRIN, Research Assistant Professor of Education, in the Bureau of Educational Research, beginning February 1, 1959, at an annual salary of \$8,900 (DY).
5. WILLIAM L. FERRARA, Assistant Professor of Accountancy, beginning September 1, 1959, at an annual salary of \$7,000 (B).
6. WILLIAM F. GEITTMANN, Clinical Assistant Professor of Obstetrics and Gynecology, beginning January 1, 1959, without salary (DY).

7. ARTHUR J. MEADOWS, Assistant Professor of Astronomy, beginning September 1, 1959, at an annual salary of \$6,000 (B).
8. DONALD A. SMALLEY, Professor of English, beginning September 1, 1959, at an annual salary of \$13,200 (A).
9. MRS. ANITA SMITH, Administrative Assistant to the State Leader of Home Advisers, with rank of Assistant Professor, beginning March 16, 1959, at an annual salary of \$7,000 (DY).
10. JACK SWING, Assistant Professor of Architecture, beginning March 1, 1959, at an annual salary of \$8,500 (D).
11. LUCY C. ZACCARIA, Research Counselor in the Student Counseling Service and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning February 1, 1959, at an annual salary of \$7,400 (DY).

#### Nonacademic Appointment

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. MARY LOU VAN DYKE, Dietitian in the Dietary Department, Chicago Professional Colleges, at an annual salary of \$4,920, effective December 1, 1958.

On motion of Mr. Hughes, these appointments were confirmed.

#### APPOINTMENT OF COORDINATOR OF INSTRUCTIONAL TELEVISION

(4) A special Committee appointed to direct planning in instructional television at the University and the Vice-President and Provost recommend the appointment of Charles J. McIntyre, presently Chief of the Instructional Procedures and Evaluation Branch of the Education Division in the Office of Armed Forces of the Department of Defense, as Coordinator of Instructional Television with the rank of Associate Professor beginning July 1, 1959, at an annual salary of \$14,500 (AY). He will be assigned to the office of the Vice-President and Provost.

I concur.

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

#### APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE AND ITS EXECUTIVE COMMITTEE

(5) Appointments to the University of Illinois Citizens Committee are made by the Board of Trustees upon the recommendation of the President of the University. I submit the following:

1. Nominations for new appointments for a period of three years from January 1, 1959.
2. Nominations for reappointments for a period of three years from January 1, 1959, of a number of members whose terms have expired.
3. Nominations for appointments to the Executive Committee of the Citizens Committee for one year from January 1, 1959.

#### General Committee

##### *New Appointments*

RAGNAR BENSON Ragnar Benson, Inc. (Contracting and Engineering Firm) 4744 Rice Street Chicago 51, Illinois	C. J. COVINGTON President, Dowzer Electric Machinery Works, Inc. Mt. Vernon, Illinois
JOHN H. BRINKER, JR. Vice-President, A. O. Smith Corporation P. O. Box 28 Kankakee, Illinois	GORDON FRANKLIN Attorney Marion, Illinois
W. R. BROOKS Publisher, <i>The Democrat-Message</i> Mt. Sterling, Illinois	DAVID L. HARRINGTON Chairman, The Reuben H. Donnelley Corporation Chicago 1, Illinois

GEORGE L. IRVINE  
Regional Vice-President, General  
Electric Company  
840 South Canal Street  
Chicago 80, Illinois

O. E. JONES  
Retired Corporation Executive (Swift  
and Company)  
Chicago 41, Illinois

PAUL F. KENT  
President, General Paving Company  
Champaign, Illinois

JUDGE OTTO KERNER  
Room 611, County Building  
Chicago, Illinois

FRANKLIN J. LUNDING  
Chairman of the Board, Jewel Tea  
Company, Inc.  
135 South LaSalle Street  
Chicago 3, Illinois

JUDGE ABRAHAM L. MAROVITZ  
Chief Justice, Criminal Court of Cook  
County  
Chicago 13, Illinois

DONOVAN D. McCARTY  
Attorney  
Olney, Illinois

GUY E. MCGAUGHEY  
Attorney  
Lawrenceville, Illinois

CHARLES MORROW  
Editor, *Galesburg Register-Mail*  
Galesburg, Illinois

ERWIN W. ROEMER  
Attorney  
Chicago 3, Illinois

ROBERT SARGENT SHRIVER, JR.  
Assistant General Manager  
315 The Merchandise Mart  
Chicago 54, Illinois

KENNETH SMITH  
Publisher, Tilton Publications, Inc.  
Rochelle, Illinois

RICHARD D. STURTEVANT  
Vice-President, Jewel Tea Company,  
Inc.

Melrose Park, Illinois

JOHN W. TAYLOR  
Executive Director, Chicago Educa-  
tional Television Association  
Chicago 37, Illinois

MRS. BERNICE T. VAN DER VRIES  
Civic Leader; former Member of  
General Assembly of Illinois  
Winnetka, Illinois

HENRY C. WOODS  
Chairman of the Board, Sahara Coal  
Company  
59 East Van Buren Street  
Chicago 5, Illinois

AUBREY L. YANTIS  
Attorney  
Shelbyville, Illinois

RUSSELL A. ZIMMERMANN  
Senior Partner, Price Waterhouse and  
Company  
Chicago 1, Illinois

#### *Reappointments*

MARVIN L. BERGE  
Superintendent of Community Unit  
School, District 428  
DeKalb, Illinois

TOWNSEND BLANCHARD  
United Electric Coal Company  
Tamaroa, Illinois

MRS. FLORENCE F. BOHRER  
Former State Senator  
812 North Prairie Street  
Bloomington, Illinois

HUGH S. BONAR  
Superintendent, Joliet Township High  
School and Junior College  
Joliet, Illinois

BERTRAM J. CAHN  
Chairman of the Board and President,  
B. Kuppenheimer Company, Inc.  
3040 West Lake Street  
Chicago 12, Illinois

G. MURRAY CAMPBELL  
Vice-President and Executive  
Representative, Baltimore and Ohio  
Railroad Company  
Harrison at Wells Street  
Chicago 7, Illinois

CHARLES R. COOK  
Vice-President and General Manager,  
Radio Station WJPF  
P. O. Box 179  
Herrin, Illinois

G. R. CORLIS  
President, Anna National Bank  
Anna, Illinois

FRANK L. EVERSULL  
Pastor "Emeritus," First  
Presbyterian Church  
Belleville, Illinois

RICHARD M. FINFGELD  
Publisher, *Henry News-Republican*  
Henry, Illinois

JAMES B. FORGAN  
Banker  
38 South Dearborn Street  
Chicago 3, Illinois

JOSEPH R. FULKERSON  
Retired Farmer  
Jerseyville, Illinois

MRS. LUCILE GOODRICH  
County Superintendent of Schools  
Pontiac, Illinois

PRESTON F. GRANDON  
Publisher-President, *Daily Gazette*  
Sterling, Illinois

W. C. HAMBLETON  
Business Representative, International  
Association of Machinists  
129 West Third Street  
Roxana, Illinois

KENNETH S. HAMMER  
Superintendent of Schools  
Morris, Illinois

BYRON HARVEY, JR.  
Business Executive  
80 East Jackson Boulevard  
Chicago 4, Illinois

STEPHEN Y. HORD  
Investment Banker  
135 South LaSalle Street  
Chicago 3, Illinois

CLIFFORD H. JAMES  
President, Twin City Federation of  
Labor, A.F.L.-C.I.O.  
708 South Grove Street  
Urbana, Illinois

LEROY J. KNOEPPPEL  
Superintendent, Proviso Township  
High School  
Maywood, Illinois

DANIEL M. MACMASTER  
Director, Museum of Science and  
Industry  
Jackson Park  
Chicago 37, Illinois

CHESTER J. McCORD  
Livestock and Grain Farm  
Rural Route 5  
Newton, Illinois

FRED B. MEERS  
Farmer  
1204 South Prospect Avenue  
Champaign, Illinois

LLOYD S. MICHAEL  
Superintendent, Evanston Township  
High School  
Evanston, Illinois

JOE E. MITCHELL  
Mortician  
410 South Main Street  
Benton, Illinois

H. L. RICHARDS  
Superintendent, Community High  
School, District 218  
Blue Island, Illinois

GEORGE B. SHAW  
Editor, *Dixon Evening Telegraph*  
Dixon, Illinois

GERALD W. SMITH  
Superintendent of Schools  
8201 West Fullerton Avenue  
Elmwood Park 35, Illinois

GERARD M. UNGARO  
Attorney  
77 West Washington Street  
Chicago 2, Illinois

D. CARROLL WALTERS  
Farmer  
Rural Route 1  
Monmouth, Illinois

HERBERT S. WILHELM  
Executive Secretary, Central Labor  
Council  
418 Collinsville Avenue  
East St. Louis, Illinois

#### Executive Committee

HUGH S. BONAR  
Superintendent, Joliet Township High  
School and Junior College  
Joliet, Illinois

G. MURRAY CAMPBELL  
Vice-President and Executive  
Representative, Baltimore and Ohio  
Railroad Company  
Harrison at Wells Street  
Chicago 7, Illinois

HENRY DRIEMEYER  
Partner, Pope and Driemeyer,  
Attorneys  
322 First National Bank Building  
East St. Louis, Illinois

VOLNEY B. FOWLER  
Director of Public Relations, Electro-  
Motive Division of General Motors  
Corporation  
La Grange, Illinois

JUDGE W. JOE HILL  
Attorney  
500 Wood Building  
Benton, Illinois

RONALD M. KIMBALL  
Vice-President, Continental Illinois  
National Bank and Trust Company  
231 South LaSalle Street  
Chicago 90, Illinois

WILLIAM D. KNIGHT  
Attorney  
321 West State Street  
Rockford, Illinois  
VERLE V. KRAMER  
Publisher, *The Gibson City Courier*  
Gibson City, Illinois  
MAJOR LENOX R. LOHR  
President, Museum of Science and  
Industry  
Jackson Park  
Chicago 37, Illinois  
OSCAR G. MAYER  
Oscar Mayer and Co.  
1241 Sedgwick Street  
Chicago 10, Illinois

MRS. CLAUDIA S. NARANICK  
Director, School of Psychiatric  
Nursing  
Jacksonville State Hospital  
Jacksonville, Illinois

MRS. MARGARET PELTZ  
Publisher, *The Journal and Public*  
718 West Jefferson  
Clinton, Illinois

BURRELL LESLIE SMALL  
Vice-President and General Manager,  
*Kankakee Daily Journal*  
Kankakee, Illinois

### Resolutions of the Executive Committee of the University of Illinois Citizens Committee

The Executive Committee of the University of Illinois Citizens Committee has adopted the following resolutions:

In view of the defeat of the State Building Bond Issue referendum, the Executive Committee of the University of Illinois Citizens Committee strongly urges that other appropriate measures for financing the great needs of the University of Illinois be initiated at as early a date as possible.

The Executive Committee of the University of Illinois Citizens Committee wishes to stress the importance of adequate faculty compensation as the key to quality in higher education and urges the Governor and the General Assembly of the state of Illinois to keep this point uppermost in deliberations and considerations relative to the University of Illinois, to the benefit of the University and to the State.

On motion of Mr. Johnston, these appointments were approved.

On motion of Mr. Herrick, the Secretary was requested to send a note of thanks to the Executive Committee for these resolutions.

### CENTER FOR ADVANCED STUDY

(6) The University Research Board and the Executive Committee of the Graduate College recommend the establishment of a Center for Advanced Study as a special unit of the Graduate College under Section 18 of the University of Illinois Statutes and according to the plan described below.

This has been reviewed by the University Council which supports the recommendation. While University Senate approval is not required under University Statutes, the proposal was nevertheless submitted to the Urbana-Champaign Senate which has recommended approval. It has also been cleared with the Senate Coordinating Council.

I recommend approval.

On motion of Mr. Herrick, this recommendation was approved.

The primary purpose of the Center for Advanced Study shall be the encouragement of creative achievement and scholarship by providing recognition to scholars of the highest distinction and by providing incentives for the highest level of scholarly achievement.

In its original organization the Center for Advanced Study shall be composed of members and associate members. The members shall constitute the Executive Committee of the Center, and the Dean of the Graduate College shall be its executive officer and a member *ex officio*. The Executive Committee shall be free to propose other types of affiliation with the Center, in addition to the associate members, at such times as it may desire.

*Members.* Members of the Center for Advanced Study shall be appointed by the Board of Trustees on the recommendation of the President. Members ordinarily will be appointed for renewable five-year terms.

Membership in the Center shall be open to the most distinguished, most productive, and most widely recognized scholars at the University of Illinois. The members shall receive annual salaries comparable to the best professorial salaries in American universities. Nominations for membership may be made to the Dean of the Graduate College by any faculty member. Selection of candidates shall be made by the Dean in consultation with an advisory selection committee. It is recommended that the first three members be chosen from the current staff of the University; thereafter other scholars, whether then associated with the University or not may be nominated for membership and, if necessary, appointment to the University.

Members chosen from the University faculty shall continue to be listed in the budgets of their departments. Additional funds required to bring their salaries to the level chosen shall be carried in the budget of the Center as a unit of the Graduate College.

A member shall retain his status in his own department. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the appropriate undergraduate dean, he may reduce the amount of his classroom teaching, committee work, advising, and the like, in order to devote a larger portion of his time to research. If the relinquishing of such duties by a member requires that the department obtain additional funds for the continuance of its teaching activities, such funds may be provided by the budget of the Center.

*Associate Members.* Associate members shall be appointed for one-year or two-year terms by the Board of Trustees on recommendation of the President. Application for associate membership may be made by any member of the faculty to the Dean of the Graduate College, who, after consultation with the Executive Committee, shall make his recommendations to the President. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the appropriate undergraduate dean, an associate member may be freed of all teaching duties except, if he remains on the campus, the direction of graduate theses, in order that he may devote himself more fully to research. An applicant for associate membership may request extension of his appointment through the summer following an academic year in the Center at the standard rate of two-ninths of the annual salary. Funds necessary for the employment of a replacement for an associate member, as well as any summer compensation for the associate member, shall be provided in the budget of the Center. The amount of annual compensation received by a faculty member shall not necessarily be changed by his becoming an associate member.

Scholars from other locations may be appointed as associate members. Such appointments may be used to bring visitors to assist in established research programs, to bring creative artists to the campus, to bring distinguished scholars to departments in advance of vacancies arising from faculty retirements, and for such other purposes as the Executive Committee may approve. Nominations of off-campus candidates shall be routed by department heads and chairmen to the Dean of the Graduate College. Salaries paid to such appointees shall be carried in the budget of the Center.

Associate members may request reappointment, but no individual may be granted associate membership for more than three consecutive years.

The members and associate members will meet together at regular intervals to be determined by the Executive Committee. Special meetings may be called at the discretion of the Executive Committee.

The budget of the Center will be part of the Graduate College budget. It is hoped that the Center will attract financial support from agencies outside the University to provide endowed chairs and other support for members and associate members.

#### **GRADUATE SCHOOL OF BUSINESS ADMINISTRATION**

(7) The faculty of the College of Commerce and Business Administration, the Executive Committee of the Graduate College, and the Urbana Senate recommend establishment of a Graduate School of Business Administration within the Graduate College to provide professional training designed for students with baccalaureate degrees in fields other than commerce as well as for students with

a background in commerce and business administration. The purpose of the School will be to provide a breadth of training rather than specialization with emphasis on preparation for administrative and executive positions.

The School will exist as an educational division of the Graduate College and will have the same relationship to it as other graduate departments. In accordance with the usual procedures all courses, curricula, and recommendations to the teaching faculty will be submitted to the Graduate College for approval. The administrative responsibilities of the School will be assigned to a Director. Budget requests for operation will be presented through the usual University channels.

The School will offer the proposed new programs described below. It is also recommended that the professional program leading to the degree of Master of Accounting Science, established in 1958, be transferred to the Graduate School of Business Administration.

This recommendation has also been cleared with the Senate Coordinating Council, and I concur.

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

### **Graduate School of Business Administration**

#### *Academic Requirements*

All students must meet the academic standards of the Graduate College with respect to admission requirements and progress toward the degree.

#### *Degree Requirements*

1. Master of Business Administration. This is a two-year program for students who hold a bachelor's degree in any field. A candidate for this degree must complete four semesters or the equivalent in residence and must earn at least sixteen units of graduate credit selected from the proposed new courses listed below, from graduate courses previously approved, and from additional courses which may be submitted at a later date. Each student must take at least one course in each of the following areas of business study: accountancy, economics, finance, management, marketing, and statistics. Certain courses will be required, but both the required and elective courses will be arranged to fit the student's particular needs, based on his previous preparations and his interests. The program does not permit specialized education in one or more areas of business.
2. Master of Commerce. This is a one-year program restricted to students who hold a bachelor's degree from a recognized school of business. A candidate for this degree must complete two semesters of residence or the equivalent, and must earn at least eight units of credit selected from the courses listed for the Master of Business Administration and under the same conditions.
3. Doctor of Business Administration. This program will require two additional years of residence beyond the Master of Business Administration or the Master of Commerce. These two years will consist of one additional year of course work (eight units), a comprehensive preliminary examination, a year devoted to the study and preparation of a thesis (eight units), and a final examination. Since this is a professional degree, there is no foreign language requirement.

#### *New Professional Courses in Business Administration*

The following new professional courses in business administration will be established as a part of this program: Business Administration 501, Business Economics; 502, Managerial Economics; 511, Analysis of American Industries; 521, Problems of Marketing; 522, Market and Sales Analysis; 530, American Business Traditions; 531, Legal Problems of Business Management; 541, Managerial Accounting and Control; 542, Industrial Cost Accounting; 543, Financial and Interpretive Accounting; 544, Controllorship; 554, Financial Analysis; 555, Financial Policy; 571, Statistical Controls for Management; 581, Business Communications; 599, Thesis Research.

### **DIRECTOR OF GRADUATE SCHOOL OF BUSINESS ADMINISTRATION**

(8) I recommend that Dean Paul M. Green of the College of Commerce and Business Administration be appointed Director of the Graduate School of Busi-

ness Administration, effective immediately and continuing through August 31, 1959. Thereafter, reappointments to this position will be on a biennial basis consistent with the statutory provisions relating to the tenure of directors. The appointment as Director is in addition to his appointment as Dean of the College and Professor of Business Administration.

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

#### **DEPARTMENTS IN COLLEGE OF JOURNALISM AND COMMUNICATIONS**

(9) The faculty of the College of Journalism and Communications recommends that, effective September 1, 1959, the three instructional divisions of the College be designated as the Department of Advertising, the Department of Journalism, and the Department of Radio and Television; that the administrative officer in charge of each be designated as head of the department; and that the courses offered by the College be designated accordingly.

These changes do not alter existing instructional programs or curricular or degree requirements and are intended primarily to bring the organization of the College into harmony with University Statutes and general practice. The Urbana Senate Committee on Educational Policy has advised that these changes are of an administrative nature and do not require action by the Committee or by the Senate. Nevertheless, they will be reported to the Senate as a matter of record.

I concur.

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

#### **APPROPRIATION FOR ACQUISITION OF LAND IN NORTHERN ILLINOIS**

(10) The Committee on Nonrecurring Appropriations recommends an assignment of \$4,000 from the General Reserve Fund as the University's share of the cost of acquisition of the Volo and Wauconda Bogs in Northern Illinois for teaching and research in the biological sciences. The University of Illinois Foundation has approved an allocation of \$4,000 for this purpose and \$25,000 has been raised privately by Illinois Nature Conservancy. Title to the property will be in the University, with the provision that it will revert to the former owners or their heirs or assigns in the event the University ceases to use the property for the purpose for which it was acquired or fails to maintain it in its present natural state.

I recommend approval.

On motion of Mrs. Holt, the acquisition of this land was authorized, and the recommended appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

#### **APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1959-60**

(11) It is necessary that funds for graduate fellowships for 1959-60 be committed at this time so that fellowship awards can be made and announced by April 1, 1959. Accordingly, on request of the Dean of the Graduate College and with the concurrence of the Vice-President and Provost and the Vice-President and Comptroller, I recommend that an appropriation of \$282,500 be made at this time for such fellowships, \$262,500 to be assigned for graduate study at Urbana-Champaign and \$20,000 for fellowships at the Chicago Professional Colleges, subject to availability of funds appropriated for 1959-61.

These assignments will constitute a lien on the University's operating budget for 1959-60.

On motion of Mr. Swain, this assignment of funds was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

### APPROPRIATION FOR ADDITION TO PHYSICS RESEARCH LABORATORY

(12) The Vice-President and Provost and the Vice-President and Comptroller recommend that the Board authorize the construction of a steel building at the rear of the Physics Research Laboratory for housing of hydrogen liquefying equipment and that assignments of funds be made for this purpose of \$15,650 from the current operating budget of the Department of Physics and \$9,868 from indirect costs recovered from government research contracts and allocated to the Department, a total of \$25,518.

Additional space is needed for this equipment for research under a contract with the Office of Naval Research. A separate structure is indicated because of hazards of hydrogen. The University Building Program Committee has approved the site and type of structure. Allocation of funds from the Department of Physics budget is possible because some of the departmental expenses during the current fiscal year have been appropriately chargeable to funds received under government research contracts; the Department also has to its credit funds accumulated in collections of indirect costs charged against government research contracts.

I concur.

On motion of Mr. Swain, the construction of this building was authorized, and the recommended assignments of funds were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

### HOUSING REVENUE BONDS OF 1958

(13) The Vice-President and Comptroller recommends the adoption of the following resolution, and I concur:

*Resolved*, that the Board of Trustees of the University of Illinois hereby ratifies all acts, conditions, and things done at the meetings of the Board of Trustees held on October 23, 1958, November 19, 1958, December 17, 1958, January 20, 1959, and at all other meetings during the period from January 1, 1956, up to the present date, and also ratifies all acts done and performed by the officials of said Board all in connection with the issuance of \$3,150,000 Housing Revenue Bonds of 1958, Series A and B of the Board of Trustees of the University of Illinois dated October 1, 1958.

On motion of Mr. Bissell, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

### CONTRACT FOR EQUIPMENT FOR SNACK BAR AND SERVICE BUILDING FOR MEN'S RESIDENCE HALLS

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for \$28,156.20 to Servco Equipment Company, St. Louis, Missouri, for food service equipment and its installation in the Snack Bar and Service Building for the Men's Residence Halls.

Funds are available in the proceeds of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

The invitations to bidders included the standard reservation by the University of the right to reject any or all bids, and to accept the bid or bids deemed most favorable to the University. Although the Servco Equipment Company is the second lowest bidder — the difference between its bid and that of the lowest bidder being only \$6.20 — it is nevertheless recommended because of the quality of its equipment installations elsewhere. Submitted herewith is a supporting statement from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs.

Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

#### CONTRACT FOR REMODELING ELECTRICAL ENGINEERING ANNEX

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for remodeling of the Electrical Engineering Annex to provide for a bioacoustics laboratory. The award in each case is to the lowest bidder.

General — C. H. Langman and Son, Rock Island.....\$ 52 953  
Electrical — Potter Electric Service, Inc., Urbana..... 51 677  
Mechanical — Schroeder and Sons, Champaign..... 111 868

Funds in the amount of \$139,173 are available in a federal grant received by the University under the Health Research Facilities Act and in matching funds provided by the University of the same amount, a total of \$278,346.

Submitted herewith is a report from the Physical Plant Department giving the complete list of the bidders, a copy of which is hereby filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Hughes these contracts were awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

#### CONTRACT FOR ENGINEERING SERVICES ON SEWERS AND WATER MAIN PROJECTS

(16) The building program at Urbana-Champaign projected for 1959-61 includes the following storm and sanitary sewers and water main projects needed to service the proposed new buildings:

##### *Estimated Costs*

Sanitary sewer on Green Street from Mathews Avenue to the west side of Illini Union Building.....	\$ 39 600
Sanitary sewer — rerouting main campus outlet from south side of Illini Union Building to Mathews Avenue interceptor.....	40 000
Sanitary sewers on First Street and Fourth Street from Peabody Drive to Florida Avenue.....	23 100
Water main on First Street from Florida Avenue to St. Mary's Road.....	14 300
Rerouting twelve-inch water main at Illini Union Building.....	40 000
Storm sewer, Florida Avenue lateral from approximately 60 feet east of Fourth Street, west along Florida Avenue, to a distance approximately 1,250 feet west of First Street, and then South from Florida Avenue approximately 4,800 feet to the Embarrass River.....	500 000

Bids will be received on February 20 on the construction of the Assembly Hall and in August on the Illini Union Building addition. It is necessary therefore that engineering work on the sewer and water main projects be started promptly. The Physical Plant Department can not do this planning work without adding to its staff and this is not feasible in view of the temporary nature of the services.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with Wilson and Anderson, Urbana-Champaign, for engineering services on these projects, including the preparation of complete plans and specifications and detailed estimates of costs, and general supervision of construction but excluding services of a resident engineer, on the basis of the standard schedule of minimum fees adopted by the Illinois Society of Professional Engineers and the Illinois Association of Consulting Engineers. The total estimated cost of engineering services for these projects is approximately \$36,490 and the estimated cost for services of a resident engineer for field inspection, if requested, will be \$8,000.

Funds in the amount of \$25,850 are available in the state appropriations to the University for 1957-59 for buildings and other capital improvements. The contract will provide for its termination if additional funds are not available

and for payment for services rendered to the date of termination but not to exceed \$25,850.

Submitted herewith is a statement from the Physical Plant Department giving the details of this proposal and the terms of the contract and a copy is filed with the Secretary of the Board for record.

This recommendation has previously been considered by the Committee on Buildings and Grounds which is prepared to support it.

I concur.

On motion of Mr. Swain, this contract was authorized, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACTS FOR ENGINEERING SERVICES ON ADDITIONS  
TO THE ABBOTT POWER PLANT AND FOR EXTENSIONS  
OF UTILITIES DISTRIBUTION SYSTEM**

(17) The 1959-61 building program includes the following additions to the Abbott Power Plant to service existing and proposed new buildings:

*Estimated Costs*

Boiler No. 6—a 150,000 lb./hour steam generator.....	\$2 050 000
Turbine No. 7—a 7,500 kw. electric generator.....	1 995 000

This additional generating capacity is required regardless of how many buildings are included in the 1959-61 program and it will take two years for the fabrication and installation of this equipment. It is therefore necessary that engineering work be undertaken promptly to complete the installations within the biennium.

The building program projected for 1959-61 also includes the following extensions of the steam and electrical distribution systems required to service the proposed new buildings:

*Estimated Costs*

Steam tunnel on Oak Street from Peabody Drive extended south to the south side of Florida Avenue and east to the approximate mid-point between First Street and Fourth Street to serve the Assembly Hall and other development proposed in this area.....	\$ 925 000
Steam tunnel from the Natural History Building-Noyes Chemistry Laboratory tunnel west to the existing tunnel north of the Administration Building to serve the Illini Union and other buildings in this area.....	300 000
Steam conduit from the end of the tunnel on Florida Avenue, referred to above, south to the Assembly Hall.....	40 000
Electric conduit, manholes, cable, and switchgear in load center to serve the Assembly Hall.....	41 000
Rerouting main campus feeder conduit and cables between Illini Union addition and Harker Hall, including conduit, manholes and cable to serve the Illini Union Building addition.....	50 000
Load center vault in the vicinity of Sixth Street and Gregory Drive, including conduit, manholes, cable, and switchgear to the Education Building.....	180 000
Engineering service to complete plans and specifications for electric distribution center and load center to be located north of the Stock Pavilion, including conduit, manholes, cable, and switchgear which will eventually serve the women's residence halls, the Education Building, and the Plant Sciences Building	(588 000)

The cost of engineering services for completion of plans and specifications up to the receipt of bids for this is approximately \$30,000.

Bids will be received on February 20, 1959, on the construction of the Assembly Hall and in August on the construction of the addition to the Illini Union Building. It is therefore necessary that engineering work on the above listed projects be started soon in order to maintain construction schedules.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of contracts with Sargent and Lundy, Consulting Engineers, Chicago, for engineering services on the additions to the Abbott Power Plant and the extensions of the steam and electrical distribution systems, these services to include preparation of complete plans and specifications and detailed estimates of costs, and general supervision of construction. This firm furnished the engineering services for the construction of the Abbott Power Plant, the first major extension of the steam and electrical distribution systems, and on subsequent additions and extensions. Its charges for the engineering services now recommended will be on the same basis and terms as charges for the previous work done for the University. Submitted herewith are memoranda from the Physical Plant Department giving the complete details of the two proposals and the terms of the contracts, and copies are being filed with the Secretary of the Board for record.

Funds are available in the state appropriations to the University for 1957-59 for buildings and other improvements in the amount of \$20,000 for the engineering services on the Abbott Power Plant additions and in the amount of \$70,000 for the engineering services on the extension of the steam and electrical distribution systems. The contracts will provide that they may be terminated by the University in the event additional funds are not made available and that Sargent and Lundy will be paid for actual services rendered up to the time of termination but not to exceed \$20,000 for the work on the Power Plant addition and \$70,000 for the work on the extensions of the steam and electrical distribution systems.

These recommendations have previously been considered by the Committee on Buildings and Grounds which is prepared to support them.

I concur.

On motion of Mr. Johnston, these contracts were authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

#### **CONTRACT WITH SPACE UTILIZATION ANALYSIS, INC.**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University contract with Space Utilization Analysis, Inc. (Space Utilization Analysis for Government, Industry, and Education), New York, to make a survey, study, and analysis of certain physical plant requirements of the Chicago Undergraduate Division in its new location. Payment for services will be on the basis of the standard hourly rates charged by this organization, the total amount not to exceed \$7,850; plus reimbursement of the Company for transportation and living expenses of officers and staff engaged in this survey, this item not to exceed \$850.

Funds are available in the state appropriations to the University for 1957-59 for buildings and permanent improvements.

The Committee on Buildings and Grounds has considered this proposal and is prepared to support the recommendation.

I concur.

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

#### **STEAM SERVICE FOR INSTITUTIONS IN MEDICAL CENTER DISTRICT**

(19) The steam for University of Illinois buildings in the Medical Center District is produced by the Medical Center Steam Company, a separate corporation authorized by the Medical Center Commission to operate a steam plant in the District to serve the University and other institutions in that area. Under an agreement with the Commission (this was one of the basic considerations in securing its cooperation in the organization of the Medical Center Steam Company and authorization to operate a steam plant in the Medical Center District), the University also furnishes steam produced by the Company to any other government agency, charitable institution, or other institution located in the District upon its application and upon certification by the Commission that the

agency or institution is a qualified applicant for steam service, subject to the availability of an adequate steam supply.

In accordance with this policy, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of agreements with the Chicago Foundlings Home, the Chicago Medical School, and the Pediatrics Hospital for the Mentally Deficient (a State Department of Public Welfare institution) for steam service to be supplied by the Medical Center Steam Company to buildings being constructed or to be constructed by these institutions in the Medical Center District. The contracts will include the following terms and conditions:

1. The University will furnish steam to these agencies on the basis of a maximum demand which is well within the capacity of the present plant and the additions being constructed under previous authorizations of the Board of Trustees.
2. The agencies will pay the University the cost of the portion of the capital facilities needed to produce steam to the extent called for in the contracts. These payments will be immediately paid by the agencies upon signing of the contracts or installments over the life of the contracts, in which case the agencies will also pay all interest and incidental charges incurred by the University in financing the facilities. Any amounts paid by the agencies representing a portion of the capital facilities will be immediately paid by the University to the Medical Center Steam Company as special amortization payments, thus reducing the indebtedness on the steam plant and the interest cost.
3. The agencies will be billed for steam furnished at a rate which shall cover all wages and other expenses of the steam company applicable to the production of steam plus an appropriate overhead charge of such costs to the Chicago Foundlings Home and the Chicago Medical School.
4. The agencies with whom the University is contracting will provide and install in their buildings steam flow and condensate meters of a type and size approved by the University. Title to these meters will be conveyed by the agencies to the Medical Center Steam Company.
5. These agencies will either construct at their own expense or request the Medical Center Steam Company to construct the steam distribution and condensate return systems necessary to carry steam to their buildings. If the agencies request the Medical Center Steam Company to construct or construct their own distribution and return system in accordance with plans and specifications approved by the University, the title to such facilities will be conveyed by the agencies to the Medical Center Steam Company and become a part of the steam plant to be operated and maintained by the steam company. If an agency constructs the necessary steam distribution and condensate return system under conditions not approved by the University, such facilities so constructed will not become a part of the Medical Center Steam Company and the responsibility for the operation and maintenance will be retained by the agency.
6. The University will be released from liability for any loss, damage, or injury caused by leakage, escape, or presence of steam vapor or water on the premises of the agency.
7. The contracts may not be assigned by the agencies without written consent of the University.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts after approval of the same by the Legal Counsel.

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

#### **CITY OF URBANA STORM DRAINAGE IMPROVEMENTS**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Comptroller and the Secretary of the Board of Trustees be authorized to notify the city of Urbana that the University will contribute its share of the cost of proposed storm drainage improvements which will also serve University property south of Florida Avenue and north of Springfield

Avenue, providing a local bond issue is approved, subject to the following conditions:

1. The potential storm drainage areas are specifically defined.
2. Neither the City nor the University will extend their respective drainage areas beyond those so defined.
3. The University's contributions will be determined by an independent engineering appraisal and evaluation of benefits to the City and the University, subject to approval of the same by the University, and such contributions shall be based on the actual cost of the work.
4. The city of Urbana will assume full responsibility and liability for a design to direct the flow of storm water runoff to the appropriate watershed.
5. Plans and specifications will be submitted for review and approval of the University prior to the award of contracts.
6. University contributions for its share of the cost may, at its option, be spread over a period not to exceed ten years with the further understanding that such contributions will be subject to the availability of funds and under the limitations provided by the statutes.

There is submitted herewith a supporting statement prepared by the Physical Plant Department giving further details about these improvements, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Holt, this recommendation was approved and authority was given as requested.

#### PURCHASES

(21) The Director of Purchases has proposed and the Vice-President and 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>
32 laboratory incubators, 18 in. x 27 in. x 18 in. (inside measurements); range room to 60°C temperatures	Bacteriology	Hospital Equipment Corp., Chicago	\$6 348 00 f.o.b. delivered
Eight laboratory water bath units, 13 in. x 12 in. x 7 in., range room to 100°C temperatures; 115 volts, 50-60 cycle			
One centrifuge laboratory refrigerated, with controls, super-speed 34° angle rotor, high-speed 28° angle rotor, and modified horizontal throw rotor for 50 and 15 ml tubes	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 653 82 f.o.b. Norwalk, Conn.
One analog-to-digital computer	Electrical Engineering	Electronic Computer Co., Conshohocken, Pa.	2 845 00 f.o.b. delivered
Four Hewlett-Packard type 130-B, 300 kc oscilloscopes with PL screen, cabinet mount	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	2 600 00 f.o.b. Palo Alto, Calif.
Ten type 16-6H dual operational amplifiers with 12 conversion sets, and two each type 26-7N (13) and 26-7N (16) servo multipliers	Electrical Engineering	Electronic Associates, Inc., Long Branch, N.J.	11 200 00 f.o.b. Long Branch, N.J.
Consulting engineering services for Radio Astronomy project of the Office of Naval Research; this is a continuation of services required for contract research approved by the Board of Trustees, September 30, 1958	Electrical Engineering	Hanson, Collins, & Rice, Springfield	10 000 00 (maximum)
One spectrophotometer, recording, infrared, complete for use on 105-120 volt, 60 cycle	Entomology	The Perkin-Elmer Corp., Chicago	4 213 00 f.o.b. Norwalk, Conn.
Nuclear reactor grade graphite to be fabricated as directed by the Department of Physics	Physics	National Carbon Co., Chicago	19 810 00 f.o.b. Cleveland, Ohio
100,000 Mysoline tablets, 0.25 gram	Hospital Pharmacy	Ayerst Laboratories, Chicago	2 658 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One special rectifier transformer, three single phase units in one case	Radio Station	Westinghouse Electric Corp., Peoria	\$3 606 00 f.o.b. Sharon, Pa., with freight allowed
33,750 square feet $\frac{3}{8}$ in. asphalt tile — C color	Housing Division	Coleman Floor Co., Chicago	3 339 47 f.o.b. delivered
160,000 32-pound brown Kraft gummed flap clasp envelopes, sizes as specified	Office Supply Stores	Marvin Envelope & Paper Co., Chicago	2 656 05 delivered
120,000 24-pound brown Kraft gummed flap catalog envelopes, sizes as specified			
Laboratory furniture for Electrical Engineering Annex	Physical Plant	Duralab Equipment Corp., Brooklyn, N.Y.	5 260 00 f.o.b. Urbana
Ten four-door sedans	Physical Plant	Courtesy Motors, Inc., Chicago (Ford)	
Eight four-door station wagons	Storeroom	Nine sedans	6 864 00
One two-door station wagon	Agricultural	One truck	1 498 23
One one-half ton truck	Entomology	University Ford Sales, Inc., Champaign	
Less trade-in allowance for nine four-door sedans; two four-door sedans; one 1953 three-fourths ton pick-up truck; and one 1955 two-door station wagon		One sedan	1 944 47
		Two station wagons	1 949 22
		Bill Murray Chevrolet, Inc., Monticello	
		Six station wagons	14 478 78
		One station wagon	1 453 77
		All prices are f.o.b. delivered	(28 188 47)

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

#### PURCHASE OF INTRAVENOUS SOLUTIONS AT THE RESEARCH AND EDUCATIONAL HOSPITALS

(22) The Board of Trustees on May 29, 1958, approved a recommendation for the purchase of intravenous fluids and administration kits as required in the Research and Educational Hospitals during the period July 1, 1958, to June 30, 1959, from Abbott Laboratories, the lowest bidder, at an estimated cost of \$36,323.33 for the year. Bids were taken on a cost-per-unit basis. The transaction provides for renewal of the order for one year by mutual agreement.

A development in the use of intravenous fluids has resulted in a larger use of smaller bottles of fluid of a capacity of 100 and 250 c.c. rather than 500 and 1,000 c.c., and this has had wide acceptance. Because of this development and the increased use of intravenous solutions during the first six months of 1958-59, the cost for the year is now estimated at \$52,000. Accordingly, the Medical Director of the Hospitals, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of an increase in the present order from \$36,323.33 to \$52,000.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

#### COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period January 1 to 31, 1959.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 33(616)-6176	Interaction of dissolved interstitial atoms with dislocations	\$15 561 00	February 1, 1959
United States Air Force AF 49(638)-528	Properties of insulating and conducting solids	44 000 00	September 1, 1959
United States Army DA19-129-QM-1332	Techniques for the objective description of freeze-dehydrated cooked beef	12 000 00	December 15, 1958
United States Army DA-22-079-ENG-238	Dynamic bearing capacity of soils	26 950 00	November 1, 1958
United States Atomic Energy Commission AT(11-1)-706	Effect of phenol ethers on lesions of the skin produced by beta radiations	15 000 00	January 26, 1959
United States Navy Nobs-77008	Low-cycle, high-stress fatigue behavior of materials and structural components of steels typical of ship application	20 000 00	August 15, 1958

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Navy Noba-77012	Determine hydrogen embrittlement tendencies of propeller, shaft, and hull metals as related to cathodic protection	\$24 925 00	August 21, 1958

**Leases**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
New Holland Machine Co.	Two No. 330 manure spreaders with 20 in. rims	\$ 143 50 annually	November 17, 1958

**Contract Changes**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Allied Chemical Corp.	Ruminant nutrition with particular regard to energy and nitrogen utilization	\$ 2 500 00	January 1, 1959
Allied Chemical Corp., Nitrogen Division	Mobility and transformations of nitrogen compounds in soils and the efficiencies of the nitrogen compounds in crop production	2 500 00	September 1, 1958
National Warm Air Heating & Air Conditioning Association	Heating, ventilating, and air conditioning as related to warm air furnace heating	37 000 00	January 1, 1959
State of Illinois State Housing Board	Proposed planning programs for Illinois municipalities of less than 25,000 population	7 000 00	December 31, 1958
United States Air Force AF33(616)-5153	Brittle transition in metals	50 300 27	November 15, 1958
United States Air Force AF49(638)-63	Transistor-RC network synthesis	22 279 00	October 16, 1958
United States Air Force AF49(638)-212	Metallic properties of titanate semiconductors	22 296 00	November 10, 1958
United States Atomic Energy Commission AT(11-1)-314	Boron-containing dyes in invivo experiments on mice with glioblastoma tumors	7 990 00	December 24, 1958
United States Navy Nonr-1834(13)	Use of pure quadrupole spectroscopy of electron distribution in molecules	34 000 00	November 24, 1958
United States Navy Nonr-1834(15)	Design and development of selected computer components	10 000 00	December 5, 1958

**Adjustments Made in 1958-59 Cost-Plus Contract**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty items; \$30.00 to \$360.00	\$ 1 697 00	December, 1958, and January, 1959

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(24) The Comptroller presents his quarterly report to the Board as of December 31, 1958.

This report was received for record and a copy has been filed with the Secretary of the Board.

**RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE**

(25) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by members of the staff.

Filipin, a new antifungal antibiotic—David Gottlieb, Professor of Plant Pathology; H. E. Carter, Professor of Biochemistry; and Alfred Ammann, postdoctoral assistant (1954), inventors. On May 15, 1954, the Board of Trustees transferred this invention to the University of Illinois Foundation for further development. The Foundation negotiated an agreement with the Upjohn Company whereby that corporation advanced funds to develop the discovery and apply for a patent. This agreement specifies that the Foundation is to receive a

percentage of the sales of this antibiotic. It now appears that such income will be forthcoming in the near future.

The University statutes provide that the University Patent Committee shall recommend the percentage of income thus received to be paid to the inventors. The Patent Committee recommends that 15 per cent of the net income thus received should be paid to the inventors, the distribution of such income among the inventors to be their decision.

I concur in this recommendation.

Mr. Bissell, for the Committee on Patents, reported that the Committee also concurs in this recommendation, and on his motion, it was approved.

#### COMMUNICATION FROM MAYOR RICHARD J. DALEY

At this point Mr. Ira J. Bach, Commissioner of City Planning of Chicago, and Mr. Clifford Campbell, Deputy Commissioner, appeared at the Board meeting with a letter from Mayor Richard J. Daley, addressed to the President of the University, urging that the selection of a site for the Chicago Undergraduate Division be deferred, and inviting the Trustees to confer with him on this matter. Mr. Bach suggested that in view of this invitation the Board might wish to consider the action previously taken on site selection.

It was the consensus of the Board that the action already taken should not be rescinded but that arrangements for a conference of the Committee on General Policy with Mayor Daley should be made as soon as possible.

#### SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

#### APPOINTMENTS MADE BY THE PRESIDENT

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

ADAMS, MARY J. N., Research Assistant in Bacteriology, February 1-June 15, 1959, \$420 a month (1-29-59).

ALLISON, OLAF W., Assistant in the Division of Anesthesiology (Surgery) (Medicine), seven months from December 1, 1958, without salary (1-5-59).

ANDERSON, ALAN J., Research Associate in Preventive Medicine (Medicine), one year from January 1, 1959, \$8040 (2-2-59).

ANDERSON, DAVID H., Research Assistant in Chemistry, one month from January 1, 1959, \$400, supersedes (1-8-59).

BEJNAROWICZ, ELWINA A., Assistant in Chemistry (Pharmacy), January 1-June 15, 1959, \$400 a month, supersedes (1-5-59).

BELFORD, MRS. GENEVA G., Research Associate in Chemistry, seven months from February 1, 1959, \$6000 a year, supersedes (1-21-59).

BENZIMAN, MOSHE, Research Associate in Chemistry, eight months from January 1, 1959, \$5370 a year (1-21-59).

BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S), January 15-August 31, 1959, \$8500 a year, supersedes (1-5-59).

BLUM, ELEANOR, Journalism Librarian, with rank of Instructor, seven months from February 1, 1959, \$6320 a year, supersedes (1-5-59).

BLYTH, COLIN R., Professor of Mathematics, indefinite tenure beginning September 1, 1959, to render service during each academic year, \$11,000 a year (1-17-59).

CALENOFF, LEONID, Assistant in Radiology (Medicine), eight months from January 1, 1959, without salary (2-2-59).

CARO, MARCUS R., Research Associate in Oral Pathology (Dentistry), 1/10 time, seven months from February 1, 1959, \$58.33 a month (1-29-59).

- CULP, ROBERT W., Assistant Dean of Men,  $\frac{1}{2}$  time, four months from February 1, 1959, \$266.66 a month, and on full time, three months from June 1, 1959, \$533.34 a month, supersedes (1-26-59).
- DAUGHERTY, MRS. MARILYN, Chemistry Library Assistant, seven months from February 1, 1959, \$4750 a year, supersedes (1-5-59).
- DENNEN, DAVID A., Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, \$4400 a year (2-2-59).
- DEWIT, ROLAND, Research Associate in Physics (C), seven months from February 1, 1959, \$6000 a year, supersedes (1-19-59).
- DRABLOS, CARROLL J. W., Research Associate in Agricultural Engineering (S), January 15-August 31, 1959, \$6200 a year (2-2-59).
- EAKIN, FRANZY, Lecturer in Management, February 1-June 15, 1959, \$777.77 a month, supersedes (1-17-59).
- ERIKSEN, CHARLES W., Associate Professor of Psychology, August 16-August 25, 1958, \$412.70 for the period; this is in addition to his present appointment (1-13-59).
- FISHER, DONALD R., Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1959, \$422.22 a month, supersedes (1-26-59).
- FISHER, ROGER J., Research Assistant in Sociology, eight months from January 1, 1959, \$4400 a year (1-15-59).
- FORREST, RALPH L., Assistant in Farm Management (Agricultural Economics) (S), January 19-August 31, 1959, \$5200 a year (1-5-59).
- FOX, RONALD E., Instructor in Medicine (Medicine),  $\frac{1}{2}$  time, eight months from January 1, 1959, \$4750 a year, supersedes nonsalaried appointment (1-21-59).
- FRYE, CHARLES, Assistant in Radiology (Medicine), nine months from December 1, 1958, without salary (1-5-59).
- GARWOOD, CHRISTINA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), March 16-August 31, 1959, \$4400 a year (1-28-59).
- GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges),  $\frac{1}{2}$  time, January 14-August 31, 1959, \$1920 a year (2-2-59).
- GOLDSTEIN, HAROLD, Visiting Lecturer in Library Science,  $\frac{1}{2}$  time, to render service during the second semester of the academic year, February 1-June 15, 1959, \$2500 (1-6-59).
- GRIER, EPHRAIM A., Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1959, without salary (1-5-59).
- GRUBERT, HEINRICH, Research Associate in Chemistry, February 15-August 31, 1959, \$447.50 a month (1-5-59).
- HAEBICH, ARTHUR T., Research Associate in Anatomy (Medicine), nine months from December 1, 1959, without salary (1-5-59).
- HARE, MRS. ALICE P., Instructor in Home Economics 4-H Club Work (E), January 6-August 31, 1959, \$5500 a year (1-17-59).
- HEATER, NANCY, Architecture Library Assistant, seven months from February 1, 1959, \$4750 a year, supersedes (1-5-59).
- HOSPODAR, EMIL W., Assistant Professor of Medical and Dental Illustration, Illustration Studios (Chicago Professional Colleges), eight months from January 1, 1959, \$8500 a year, supersedes (1-15-59).
- HUBER, EDWARD A., Research Associate in the Control Systems Laboratory (S), seven months from February 1, 1959, \$7200 a year, supersedes (1-17-59).
- ICHIMURA, SHOJI, Research Associate in Botany,  $\frac{3}{4}$  time, seven months from February 1, 1959, \$4400 a year (2-3-59).
- JACKSON, DONALD D., Editor, with rank of Professor (University Press), indefinite tenure beginning February 1, 1959, \$11,000 a year, supersedes (1-21-59).
- JACOBSON, MARCUS A., Assistant in Psychiatry (Medicine), one year from July 1, 1958, without salary (1-5-59).
- JANN, KLAUS, Research Associate in Chemistry, one year from January 16, 1959, \$5370, supersedes (2-3-59).
- JANOWSKI, MARY D., Research Assistant in Bacteriology, February 2-June 15, 1959, \$400 a month (2-3-59).
- KAHN, HERBERT, Research Associate in Clinical Science (Medicine), 65/100 time, nine months from December 1, 1958, \$3600 a year, supersedes nonsalaried appointment (1-17-59).

- KAWASAKI, MASAKO, Research Assistant in Biological Chemistry (Medicine), nine months from December 1, 1958, \$4400 a year (1-13-59).
- KLEIN, KURT, Instructor in Russian, February 1-June 15, 1959, \$600 a month, supersedes (2-2-59).
- KONA, MRS. MARTHA, Cataloger, with rank of Instructor, in the Library of Medical Sciences (Chicago Professional Colleges), seven months from February 1, 1959, \$5400 a year, supersedes (1-22-59).
- KOWITZ, ALETHA, Circulation and Reference Assistant, with rank of Instructor, in the Library of Medical Sciences (Chicago Professional Colleges), seven months from February 1, 1959, \$5900 a year (1-21-59).
- LANDIS, MARTHA, Undergraduate Library Assistant, seven months from February 1, 1959, \$4500 a year, supersedes (1-5-59).
- LAUTERSTEIN, AUBREY M., Research Assistant in the Department of Pedodontics (Dentistry), \$160 a month, and Pedodontist to the Cleft Palate Training Program (Division of Services for Crippled Children), without salary,  $\frac{3}{5}$  time, January 15-August 31, 1959 (2-2-59).
- LEVINE, LAWRENCE, Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1959, without salary (1-13-59).
- LICHTENBERGER, WILLIAM W., Research Associate in the Control Systems Laboratory on  $\frac{3}{4}$  time, and in Electrical Engineering on  $\frac{3}{4}$  time (C and S), February 1-June 15, 1959, and Research Associate in the Control Systems Laboratory (S), full time, June 16-August 31, 1959, \$4200, supersedes (2-2-59).
- LIS, EDWARD F., Acting Director of the Division of Services for Crippled Children, from February 1, 1959, and continuing until the effective date of appointment of a Director, \$165 a month; this is in addition to his present appointment as Associate Professor of Pediatrics (Medicine, Division of Services for Crippled Children), indefinite tenure, \$12,600 a year, and as Director of the Center for Handicapped Children (Research and Educational Hospitals) (1-29-59).
- LOEWY, ARTHUR, Assistant Professor of Otolaryngology (Medicine),  $\frac{1}{2}$  time, eight months from January 1, 1959, \$3520 a year, supersedes nonsalaried appointment (1-9-59).
- MACKOWIAK, RICHARD J., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals, Pharmacy), eight months from January 1, 1959, \$5600 a year (1-5-59).
- McMAHAN, DONALD L., Assistant in Animal Science (S), eight months from January 1, 1959, \$4800 a year (1-28-59).
- NAKABAYASHI, NICHOLAS T., Assistant in Dairy Science (S), seven months from February 1, 1959, \$4800 a year (1-13-59).
- NORA, JOSEPH R., Instructor in Medicine (Medicine),  $\frac{1}{2}$  time, eight months from January 1, 1959, \$4750 a year, supersedes nonsalaried appointment (1-26-59).
- NORSEN, JEANNETTE, Research Assistant in Preventive Medicine (Medicine), seven months from February 1, 1959, \$5200 a year, supersedes (1-5-59).
- NOTANI, G. W., Research Associate in Chemistry, four months from January 1, 1959, \$447.50 a month (1-21-59).
- OOSTMEYER, PAUL A., Instructor in English (Pharmacy), six months from January 1, 1959, \$3000 (1-26-59).
- OTIS, JACK, Associate Professor of Mental Health and Psychiatric Social Work Supervisor (Health Service),  $\frac{1}{2}$  time, June 10-August 14, 1959, \$588.88 for the period; this will be in addition to his 1959 Summer Session contract (1-17-59).
- PATTERSON, VIRGINIA N., Assistant Professor of Radiology (Medicine), eight months from January 1, 1959, \$9500 a year, supersedes nonsalaried appointment (12-31-58).
- PAUL, JOY C., Research Associate in Pharmacology (Medicine), on 65/100 time, six months from January 1, 1959, \$320 a month (1-5-59).
- PENEV, LUBEN C., Clinical Assistant in Medicine (Medicine), November 17, 1958-August 31, 1959, without salary (1-15-59).
- RASMUSSEN, MRS. LORE M., Research Associate in Education (University High School), January 1-June 15, 1959, \$593.33 a month, supersedes (1-28-59).
- ROBB, DAVID C. N., Research Associate in Civil Engineering (C and S), February 1-June 15, 1959, \$2350, supersedes (1-17-59).

- RODGERS, FRANCIS, Assistant Reference Librarian, with rank of Instructor, February 16-August 31, 1959, \$5370 a year (1-17-59).
- ROWLEY, JANET D., Clinical Instructor in Neurology and Neurological Surgery, Epilepsy (Medicine), 9/10 time, January 5-August 31, 1959, \$6720 a year, supersedes (2-2-59).
- SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S), seven months from February 1, 1959, \$5760 a year (1-5-59).
- SHAUNESSY, JOANNE D., Assistant Psychometrist in the Student Counseling Service (Chicago Undergraduate Division),  $\frac{3}{5}$  time, seven months from February 1, 1959, \$1840 a year (2-2-59).
- SHEAGREN, JOHN W., Clinical Instructor in Medicine (Medicine), December 31, 1958-August 31, 1959, without salary (1-5-59).
- SMITH, ROBERT, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, \$4800 a year, supersedes (1-16-59).
- STEPHENS, RALPH I., Assistant in General Engineering,  $\frac{2}{3}$  time, and Research Assistant in Theoretical and Applied Mechanics,  $\frac{1}{3}$  time (C), February 1-June 15, 1959, \$500 a month, supersedes (1-13-59).
- TESI, GIORGIO, Research Associate in Chemistry, one year from February 1, 1959, \$6000 (1-21-59).
- THOMPSON, CHARLES L., Assistant Dean of Men,  $\frac{1}{2}$  time, four months from February 1, 1959, \$800 (1-26-59).
- VIDEKA, MICHAEL A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), on 7/10 time, February 12-August 31, 1959, \$4550 a year, supersedes (1-21-59).
- WEINBERG, MARILYN G., Assistant in Medicine (Medicine), ten months from November 1, 1958, \$4800 a year, supersedes (1-5-59).
- WELLS, WARREN, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, \$5000 a year, supersedes (1-16-59).
- WESTMAN, LARS F., Research Associate in Chemistry, one year from March 1, 1959, \$5640 (1-5-59).
- WHITE, ROBERT A., Assistant in Mechanical Engineering (C), February 1-June 15, 1959, \$2200, supersedes (1-16-59).
- WHITENER, ROBERT W., Assistant Professor of Mental Hygiene and Psychiatrist (Health Service), one year from September 1, 1958, \$12,500 (2-2-59).
- WIECZOREK, CASIMER M., Assistant in Pharmacy (Pharmacy), January 1-June 15, 1959, \$400 a month (1-22-59).
- WISEMAN, NEIL E., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1959, \$422.22 a month, supersedes (1-21-59).
- WISHNER, RICHARD P., Research Associate in the Control Systems Laboratory (S),  $\frac{1}{2}$  time, six months from March 1, 1959, \$311.50 a month (2-2-59).
- XERIKOS, JAMES, Instructor in Aeronautical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1959, \$3000 (1-26-59).

#### FELLOW

(The following appointment was made by the President of the University.)

CARON, JAMES L., Francis J. Plym Fellow in Architecture for 1959.

#### GRADUATE FELLOWS

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

- BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from January 1, 1959, \$60 a month (1-21-59).
- BOND, H. W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$1800 a year, supersedes (1-30-59).
- BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$2000 a year, supersedes (1-30-59).
- BRITSKY, NICHOLAS, Fellow in Art, three months from June 16, 1959, \$900 (1-5-59).

- BURNETT, CAROLYN N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from January 1, 1959, \$2000 (12-31-58).
- BUTWELL, RICHARD, Fellow in Political Science, three months from June 16, 1959, \$900 (1-5-59).
- CARLSON, DONALD O., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), eight months from November 1, 1958, \$2250, supersedes (1-15-59).
- CHASE, SAMUEL B., Fellow in Economics, three months from June 16, 1959, \$900 (1-5-59).
- CROPP, FREDERICK W., Fellow in Geology, three months from June 16, 1959, \$900 (1-5-59).
- CROSBY, JAMES O., Fellow in Spanish, three months from June 16, 1959, \$900 (1-5-59).
- DOBEREINER, DAVID A., Fellow in Architecture, three months from June 16, 1959, \$900 (1-5-59).
- ENGLAND, R. W., Fellow in Sociology, three months from June 16, 1959, \$900 (1-5-59).
- FOSTER, GEORGE N., Fellow in Art, three months from June 16, 1959, \$900 (1-5-59).
- FUMENTO, ROCCO, Fellow in English, three months from June 16, 1959, \$900 (1-5-59).
- GENTRY, DAVID K., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, February 1-June 15, 1959, \$900 (1-12-59).
- GERSON, STANLEY J., United States Public Health Service Fellow (Trainee) in Dentistry, January 1-September 14, 1959, \$416.67 a month, supersedes (1-13-59).
- GREENBERG, MICHAEL J., Fellow in Zoology, three months from June 16, 1959, \$900 (1-5-59).
- HALL, BENJAMIN D., Fellow in Chemistry, three months from June 16, 1959, \$900 (1-5-59).
- HOWARD, ALLEN H., Fellow in Psychology (Chicago Undergraduate Division), three months from June 16, 1959, \$900; this is in addition to his present appointment (1-22-59).
- HUNTER, GEORGE, Fellow in Music, three months from June 16, 1959, \$900 (1-5-59).
- JERRARD, RICHARD P., Fellow in Mathematics, three months from June 16, 1959, \$900 (1-5-59).
- JORDAN, MRS. MOREEN C., Fellow in English (Chicago Undergraduate Division), three months from June 16, 1959, \$900; this is in addition to her present appointment (1-22-59).
- KAUFMAN, RICHARD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from January 1, 1959, \$60 a month (1-21-59).
- MARSHALL, F. JAMES, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), January 1-June 13, 1959, \$583.33 a month (1-13-59).
- MARTIN, JAMES C., Fellow in Chemistry, three months from June 16, 1959, \$900 (1-5-59).
- MCGUIRE, WILLIAM J., Fellow in Psychology, three months from June 16, 1959, \$900 (1-5-59).
- PHILLIPS, BERNARD S., Fellow in Sociology, three months from June 16, 1959, \$900 (1-5-59).
- POOR, CHARLES R., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, February 1-June 15, 1959, \$900 (12-31-58).
- QUERESH, MOHAMMED Y., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, seven months from February 1, 1959, \$416.66 a month (2-3-59).
- REDDY, VASUNDER, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$1800 a year, supersedes (1-30-59).
- RUECKERT, WILLIAM H., Fellow in English, three months from June 16, 1959, \$900 (1-5-59).

- STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, \$3000 a year, supersedes (1-30-59).
- STILLINGER, JACK, Fellow in English, three months from June 16, 1959, \$900 (1-5-59).
- STILLWELL, GARDINER, Fellow in English, three months from June 16, 1959, \$900 (1-5-59).
- SUTFIN, D. C., Fellow in Physiology, three months from June 16, 1959, \$900 (1-5-59).
- TIEBOUT, HARRY M., JR., Fellow in Philosophy, three months from June 16, 1959, \$900 (1-5-59).
- TRIWEDI, MITCHELL D., Fellow in Spanish, three months from June 16, 1959, \$900 (1-5-59).
- WEISSMAN, H. B., Fellow in Physics (Chicago Undergraduate Division), three months from June 16, 1959, \$900; this is in addition to his present appointment (1-22-59).
- WOLSZTYNIAK, HAROLD R., B. B. Rappaport Dental Student Part-time Research Fellow (Trainee) in Dentistry, five months from February 1, 1959, \$80 a month (1-13-59).

#### RESIGNATIONS

- BROWN, ARNOLD L., Instructor in Pathology (Medicine) — resignation effective February 1, 1959.
- DOMNAS, ARISTOTLE, Research Associate in Psychiatry (Medicine) — resignation effective August 31, 1958.
- DRAKE, ALBERT E., Research Associate in Food Technology — resignation effective March 17, 1959.
- FOKE, MARLOWE D., Instructor in Radio and Television and Supervisor of Television News — resignation effective February 8, 1959.
- FU, MRS. VIOLA, Serials Assistant in the Library — resignation effective February 1, 1959.
- KLUGER, MRS. SONDRRA R., Research Assistant in Medicine (Medicine) — resignation effective December 20, 1958.
- LEDBETTER, KENNETH L., Assistant in English — resignation effective February 1, 1959.
- LEVENTHAL, MRS. CYNTHIA, Catalog Assistant in the Library — resignation effective March 15, 1959.
- MARTIN, NOEL D., Visiting Associate Professor of Dentistry (Dentistry) — resignation effective February 1, 1959.
- MCGARVEY, RAYMOND L., Instructor in Accountancy — resignation effective March 1, 1959.
- MORRELL, WILLIAM E., Professor of Physical Science (Division of General Studies) — resignation effective March 1, 1959.
- MURRAY, ALBERT E., Research Associate in the Control Systems Laboratory — resignation effective February 1, 1959.
- MYERS, JOHN J., Research Associate in the Control Systems Laboratory — resignation effective February 25, 1959.
- PETERSON, SILAS C., JR., Instructor in the Institute of Aviation — resignation effective January 27, 1959.
- PORTER, MRS. LOUISE J., Research Assistant in Chemistry — resignation effective January 17, 1959.
- RICKETTS, LUTHER, JR., Instructor in Electrical Engineering — resignation effective March 1, 1959.
- SCHOONOVER, DAVID M., Hackett Fellow in Agricultural Economics — resignation effective February 1, 1959.
- SHAIN, MRS. LILLIAN, Instructor in Occupational Therapy (Medicine) — resignation effective February 1, 1959.
- STOCKHOLDER, MRS. KATHERINE A., Instructor in English — resignation effective March 1, 1959.
- SWAN, JAMES B., Fellow in Agronomy — resignation effective February 1, 1959.
- TANNENBAUM, PERCY H., Research Assistant Professor of Journalism and Communications — resignation effective March 1, 1959.

- WILSON, MRS. ROBIN S., Assistant in English — resignation effective February 1, 1959.
- ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine) — resignation effective March 1, 1959.

#### LEAVES OF ABSENCE

- BEST, WILLIAM R., Associate Professor of Medicine (Medicine) — leave of absence, without pay, from February 16, 1959, through April 19, 1959, so that he may accept a professional assignment by the Interdepartmental Committee on Nutrition for National Defense on a team which will survey the nutritional status of the army and people of Peru, and also for studies of certain hematologic problems of scientific interest to him.
- CLEARY, EDWARD W., Professor of Law — leave of absence, without pay, during the academic year 1959-60 (September 1, 1959, through August 31, 1960), so that he may accept an appointment as Visiting Professor of Law at Stanford University during that period.
- MCBURNEY, WILLIAM H., Assistant Professor of English — leave of absence for the second semester of the current academic year, 1958-59 (March 1 through August 31, 1959), with pay from March 1 through March 15, 1959, and without pay from March 16 through August 31, 1959, on account of ill health.
- PLESS, MRS. JEAN M., McHenry County Assistant Home Adviser — leave of absence, without pay, February 16, 1959, through March 31, 1959.
- RUINA, JACK P., Associate Professor of Electrical Engineering (C) and Research Associate Professor in the Control Systems Laboratory (S) — leave of absence, without pay, one year from February 1, 1959.
- SHERATT, JANE C., Assistant in Nursing — leave of absence, without salary, two months from January 1, 1959, so that she may complete requirements for the master's degree at the University of Chicago.

#### DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on February 7, 1959, on recommendation of the Urbana Senate and by authority of the Board of Trustees, and at the Chicago Professional Colleges on the date indicated.

##### Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	70
Doctor of Education.....	5
Master of Arts.....	47
Master of Science.....	183
Master of Music.....	4
Master of Education.....	52
Master of Fine Arts.....	1
Master of Laws.....	1
Master of Architecture.....	1
Master of Television.....	1
Advanced Certificate in Education.....	2
<i>Total, Graduate College.....</i>	<i>(367)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	23
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Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	62
Bachelor of Science, College of Engineering.....	287
Bachelor of Arts, College of Liberal Arts and Sciences.....	90
Bachelor of Science, College of Liberal Arts and Sciences.....	82
Bachelor of Science, College of Education.....	46
Bachelor of Science, College of Commerce and Business Administration.....	123
Bachelor of Science, College of Journalism and Communications.....	33
Bachelor of Architecture, College of Fine and Applied Arts.....	42
Bachelor of Fine Arts, College of Fine and Applied Arts.....	21
Bachelor of Music, College of Fine and Applied Arts.....	4

Bachelor of Science, College of Fine and Applied Arts.....	16
Bachelor of Science, College of Physical Education.....	28
Bachelor of Science, Division of Special Services for War Veterans...	42
<i>Total, Baccalaureate Degrees.....</i>	<i>(876)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(1,266)</i>
Degrees in Pharmacy, conferred at Chicago:	
Bachelor of Pharmacy.....	<u>1</u>
<i>Total, Urbana and Chicago.....</i>	<i>1,267</i>

### *Degrees Conferred at Urbana*

#### **GRADUATE COLLEGE**

##### **Degree of Doctor of Philosophy**

###### *In Accountancy*

RUDOLPH WALTER SCHATTKE, B.S., M.S., 1953, 1954  
TOM GUTHRIE SECOY, B.S., University of Arkansas, 1936; M.S., 1947

###### *In Agricultural Economics*

WALTER LAVON WILSON, B.S., M.S., 1949, 1952

###### *In Agronomy*

MUHAMMAD IQBAL, B.S., University of the Panjab, 1952; M.S., 1957  
JOHN LETEY, JR., B.S., Colorado State University, 1955

###### *In Animal Nutrition*

TARA RAO, B.S., University of Madras, 1951; M.S., University of Bombay, 1954

###### *In Bacteriology*

MARY JANE NEAL ADAMS, A.B., Earlham College, 1951; M.S., Purdue University, 1954  
DAVID HIRSCH EZEKIEL, B.S., University of Maryland, 1948  
A. K. M. MAHBOOBUR RAHMAN, B.S., M.S., University of Dacca, 1951, 1952; M.S., 1957

###### *In Botany*

GARY YOSHINORI KIKUDOME, B.S., M.S., University of Michigan, 1949, 1950

###### *In Chemistry*

DAVID HAMEL ANDERSON, B.S., Northwestern University, 1953; A.M., Harvard University, 1955  
GERALD ROBERT BAKKER, A.B., Calvin College, 1955  
DONALD JAMES CASEY, B.S., Yale University, 1955  
JAMES LOVE FEDRICK, B.S., M.S., University of Arizona, 1953, 1955  
WILLIAM EMMETT GARRISON, JR., B.S., Juniata College, 1955  
JEROME ALLEN GOURSE, B.S., Virginia Polytechnic Institute, 1950; M.S., University of Delaware, 1951  
JOHN ROBERT LARSON, A.B., Albion College, 1955  
DONALD EDWARD MCGREER, B.S., M.S., University of Alberta, 1954, 1956  
ROBERT ARTHUR MOONEY, B.S., University of Rochester, 1955  
RICHARD CLARENCE TUITES, B.S., University of Rochester, 1955  
FRANCIS MASAYUKI WACHI, B.S., M.S., 1954, 1956  
ROBERT WINSLOW WHITE, B.S., Massachusetts Institute of Technology, 1955  
ROBERT GRAHAM WOOLFORD, B.S., M.S., University of Western Ontario, 1955, 1956

###### *In Civil Engineering*

ROGER DIAZ DE COSSIO, Civil Engr., National Autonomous University of Mexico, 1955; M.S., 1957  
EDWIN JOHN MONKE, B.S., M.S., 1950, 1953

*In Dairy Science*

GILBERT HORACE ROLLINS, B.S., M.S., Virginia Polytechnic Institute, 1943, 1948

*In Dairy Technology*

WASSEF WAHBA NAWAR, B.S., M.S., Fouad First University, 1947, 1950

*In Economics*

PAULINO ALOG BALLESTEROS, B.S., University of California (Berkeley), 1949;  
M.B.A., University of Chicago, 1950

OSWALD DONIECE BOWLIN, A.B., M.S., Agricultural and Mechanical College of  
Texas, 1951, 1954

JOHN DAVIS HOLMES, A.B., West Virginia State College, 1950; M.S., 1955

MILTON LINWOOD MYERS, A.B., A.M., University of Connecticut, 1951, 1953

ALLAN JOSEPH TWARK, B.S., M.B.A., Kent State University, 1953, 1954

*In Education*

MARY JANE McCUE ASCHNER, A.B., University of Chicago, 1944; A.M., 1953

VELMA IRENE RUST, B.S., B.Ed., Ed.M., University of Alberta, 1934, 1944, 1947

*In Electrical Engineering*

RICHARD CHARLES BECKER, B.S., Fournier Institute of Technology, 1953;  
M.S.(E.E.), M.S.(Math.), 1954, 1956

KING-SUN FU, B.S., National Taiwan University, 1954; M.S., University of  
Toronto, 1956

SEIFOLLAH HAKIMI, B.S., M.S., 1955, 1957

JAMES JOSEPH MIKULSKI, B.S., Fournier Institute of Technology, 1955; M.S.,  
California Institute of Technology, 1956

BASIL ROLAND MYERS, B.S., University of Birmingham, 1950; M.S., 1951

JOHN JAMES MYERS, B.E.E., Ohio State University, 1943; M.S., 1947

*In English*

ROBERT WILLIAM BARZAK, A.B., Agricultural and Mechanical College of Texas,  
1949; A.M., 1951

ARTHUR EMMET PENNELL, B.S., A.M., 1949, 1953

JAMES EDWARD ROBINSON, B.S., Rockhurst College, 1947; A.M., Creighton Uni-  
versity, 1949

CHARLES THOMPSON WILKINS, A.B., A.M., University of Kentucky, 1939, 1941

*In Entomology*

JOHN WARREN MATTESON, B.S., M.S., 1954, 1956

*In Food Technology*

RICHARD VICTOR LECHOWICH, A.B., M.S., University of Chicago, 1952, 1955

*In History*

ROBERT DEAN TALBOTT, A.B., A.M., 1950, 1955

*In Horticulture*

MARY PRICE AUBERTIN, A.B., 1953; M.S., Kansas State College of Agriculture  
and Applied Science, 1955

*In Mathematics*

PETER GEORGE BRAUNFELD, A.B., B.S., University of Chicago, 1949, 1951; M.S.,  
1953

*In Mechanical Engineering*

NAIM ZAKI AZER, B.S., M.S., Alexandria University, 1950, 1954

*In Metallurgical Engineering*

HOWARD KENT BIRNBAUM, B.S., M.S., Columbia University, 1953, 1955  
 CHIN HUAN CHENG, B.S., National Chiao Tung University, 1942; M.S., Carnegie  
 Institute of Technology, 1948  
 CHUAN-TSENG WEI, B.S., Ordinance Engineering College, 1944; M.S., 1956

*In Physical Education*

PAUL EUGENE MEADOWS, A.B., Valparaiso University, 1948; A.M., University of  
 Michigan, 1951

*In Physics*

ROLAND DEWIT, B.S., Ohio University, 1953; M.S., 1955

*In Physiology*

MADHU SUDAN KANUNGO, B.S., Utkal University, 1949; M.S., University of  
 Lucknow, 1951  
 JOANNE GILLESPIE WALKER, B.S., M.S., 1953, 1955

*In Plant Pathology*

VEDULA VENKATA CHENULU, B.S., University of Madras, 1949  
 DONALD VANCE McVEY, B.S., M.Agr., Purdue University, 1947, 1954

*In Political Science*

DAVID NELSON FARNSWORTH, A.B., University of Wichita, 1953; A.M., 1955  
 THOMAS ANDREW ISRAEL, B.S., Northwestern University, 1939; A.M., University  
 of Chicago, 1948

*In Psychology*

EUGENE DALE CHAMBERS, B.S., 1950

*In Sociology*

SEVERYN TENHAUT BRUYN, JR., B.S., M.S., 1950, 1951  
 RICHARD HARRISON ROBBINS, A.B., Brooklyn College, 1946; A.M., Washington  
 State College, 1948  
 ERNEST WORKS, A.B., Agricultural, Mechanical, and Normal College, Pine Bluff,  
 Arkansas, 1951; A.M., 1955

*In Spanish*

ELIZABETH STERRETT BIBB, A.B., A.M., Radcliffe College, 1944, 1945

*In Speech*

ALBERTA LEWIS HUMBLE, A.B., A.M., 1930, 1951  
 CECIL DERWENT JONES, JR., A.B., Vanderbilt University, 1951; A.M., North-  
 western University, 1952  
 JAMES WILLIS YEATER, A.B., Baker University, 1951; A.M., University of  
 Washington, 1955

*In Zoology*

JAMES FREDERIC OPSAHL, A.B., University of California (Berkeley), 1949; M.S.,  
 1951

**Degree of Doctor of Education**

RICHARD LUTHER DERR, B.S., State University of New York College for Teach-  
 ers (Brookport), 1951; Ed.M., 1955  
 ANNA MARGUERITE GORMAN, B.S., Illinois State Normal University, 1945; M.S.,  
 University of Wisconsin, 1949  
 GEORGE HENRY MILLIS, B.Ed., Wisconsin State College (Whitewater), 1940;  
 M.S., University of Wisconsin, 1948  
 QUEENIE BEATRICE MILLS, B.S., A.M., New York University, 1941, 1947  
 VERNON EARL TROXEL, B.S., Illinois State Normal University, 1949; Ed.M., 1955

**Degree of Master of Arts***In Chemistry*

WILLIAM EDWARD ADCOCK, A.B., Milliken University, 1957  
ANGELO JOHN BOLLERO, A.B., Southern Illinois University, 1957  
MARILYN KAY NELLIS, A.B., Mt. Holyoke College, 1957

*In Economics*

JOHN FRANCIS MANN, B.S., University of Detroit, 1957  
CHONG KEE PARK, A.B., Westminster College (Utah), 1957

*In English*

RONALD EUGENE BUCKALEW, A.B., College of Wooster, 1957  
CORYL EUGENE CRANDALL, A.B., 1956  
RICHARD EUGENE HUTSON, A.B., 1957  
ERLE WILLIAM LAIR, B.S., Western Illinois University, 1956  
GORDON LINDSTRAND, B.S., 1958  
PATRICIA STAPLETON MOE, A.B., 1957  
LAURA ELIZABETH RHODES, B.S., 1955  
ROSLYN SNOW, A.B., 1958  
EMILY STIPES WATTS, A.B., 1958

*In History*

GERALD LEE GUTEK, A.B., 1957  
BETTY JO BROWN MAYESKE, A.B., 1956  
SHIRLEY BROWN MOON, A.B., 1958  
DAVID THOMAS PETERSON, B.S., 1957  
FRANCIS THEODORE REUTER, B.S., 1950  
RALPH ALLEN STONE, A.B., University of Kansas, 1956

*In Labor and Industrial Relations*

DAVID BOND CARICO, A.B., College of William and Mary, 1955  
JOHN DAVID DEITZ, A.B., Lake Forest College, 1954  
DUANE GERALD INKS, A.B., Beloit College, 1957  
WAYNE LAWRENCE INKS, A.B., Beloit College, 1957

*In Mathematics*

ROCHELLE ABEND, A.B., Northwestern University, 1957  
ROSS HERBERT FLENNER, A.B., Miami University, 1956  
EUGENE IVAN GRUNBY, A.B., Earlham College, 1957

*In Philosophy*

ANGELO PETER CASTEN, A.B., 1957  
ROBERT DEAN LAKIN, A.B., Colorado State College, 1957  
SANDRA LEE SCHWARTZ, A.B., 1955

*In Political Science*

BERHANE MASKAL BAHTA, A.B., University College of Addis Ababa, 1955

*In Psychology*

CARL ROBERT FLODEN, A.B., 1956  
EUGENE FRANCIS GAURON, A.B., Creighton University, 1957  
JACQUELIN ROBERTA GOLDMAN, A.B., University of Florida, 1956  
DOLORES HUGHES, A.B., Indiana University, 1955  
ROBERT EDWIN MCMICHAEL, A.B., San Diego State College, 1956  
DOROTHY FOSTER SHUFORD, A.B., 1955  
TADASHI TSUSHIMA, A.B., Kyoto University, 1949

*In Social Sciences*

GAYLORD FARLEY HATCH, B.S., 1957  
CYRUS EDWIN JOHNSON, B.S., 1956  
JUDITH THERESA PELZMANN, A.B., 1958

*In Sociology*

JOHN RAY STRATTON, A.B., 1957

*In Spanish*

DANIEL ROSS REEDY, B.S., Eastern Illinois University, 1957

*In Speech*

KATHERINE MARIE ETTLA, A.B., Augustana College, 1955

NORMAN JERALD MYERS, A.B., Hiram College, 1957

*In Teaching of Social Studies*

RUSSELL KEITH CORLEY, B.S., 1955

RICHARD JOHN MUELLER, A.B., 1953

**Degree of Master of Science***In Accountancy*

WILLIAM EUGENE COLE, B.S., Oklahoma State University, 1957

NICHOLAS DOPUCH, B.S., Indiana State Teachers College, 1957

DAVID SEIICHIRO KAWAKAMI, B.S., Kansas State Teachers College (Pittsburg), 1957

GEORGE CLARENCE MEAD, B.S., 1957

PRASIT RATANASATHIAN, B.Com., Higher Dipl. (Accy.), University of Thammamat, 1952, 1953

*In Aeronautical Engineering*

PAUL CHARLES DEUTSCHLE, B.S., 1957

JOHN ALBERT NUTANT, B.S., University of Notre Dame, 1956

*In Agricultural Economics*

ALAN EUGENE HOLZ, B.S., 1957

CHARLES GEORGE MOGGED, B.S., 1954

JAMES ELMER ROSS, B.S., B.S., 1953, 1953

WILLIAM ANSEL TOMPKINS, B.S., 1954

*In Agricultural Education*

CLYDE FIFE, JR., B.S., 1954

CARL LESLIE GOWLER, B.S., 1953

CLARK EDWIN MORRIS, B.S., 1958

*In Agronomy*

GALE V HAROLD, B.S., Kansas State College of Agriculture and Applied Science, 1958

MAX EDWARD MAICHELE, B.S., Michigan State University, 1957

HARRY LEE MOTTO, B.S., Purdue University, 1957

LAXMAN SINGH, B.S., M.S., Agra University, 1954, 1956

JAMES BYRON SWAN, B.S., 1955

CHARLES JOSEPH WARGEL, B.S., 1957

PHILLIP WAYNE WATKINS, B.S., University of Tennessee, 1956

*In Animal Science*

JOHN PHILLIP ALDRED, B.S., Purdue University, 1957

OM PRATAP SINGH SENGAR, B.S., M.S., M.S., Agra University, 1948, 1950, 1957

JOHN DAVID STOBART, B.S., University of Natal, 1957

*In Biological Sciences*

EDMUND ARTHUR RICHARDS, B.S., Purdue University, 1957

*In Botany*

ANTHONY EUGENE LIBERTA, A.B., Knox College, 1955

FRANCIS AUGUST UECKER, B.S., Quincy College, 1956

*In Ceramic Engineering*

CLIFTON GEORGE BERGERON, B.S., 1950  
ROBERT DAY SHANNON, JR., B.S., 1957

*In Chemical Engineering*

ANTHONY STEPHEN BALCHAN, B.S., Columbia University, 1957  
ARTHUR LINDLEY EDWARDS, B.S., University of Washington, 1954  
DOUGLAS ROBERT STEPHENS, B.S., University of Washington, 1957

*In Chemistry*

JEN CHIU, B.S., National Hunan University, 1946  
ROBERT PAUL CLARK, B.S., University of Michigan, 1957  
DONALD ROBERT DICKERSON, B.S., 1950  
MELVIN MYRON GOLDSTEIN, A.B., Northwestern University, 1956  
WILLIAM ERNEST GROVES, B.S., Southern Methodist University, 1957  
RONALD ORLANDO RAGSDALE, B.S., Brigham Young University, 1957  
DAVID RAY RHODES, A.B., Friends University, 1957  
FRANK THOMAS SANDERSON, B.S., University of Delaware, 1954

*In City Planning*

WILLIAM LAMONT, JR., A.B., University of Colorado, 1956

*In Civil Engineering*

MORRIS ALLAN BOHN, B.S., Queen's University (Canada), 1957  
JOSEPH FRANCIS CASTRO, B.S., University of Rhode Island, 1951  
CHUNDURI VENKATA CHELAPATI, B.Eng., Andhra University, 1954  
KUEN-PUO CHUANG, B.S., National Taiwan University, 1956  
ROGER PETER COUTURIER, B.S., University of Saskatchewan, 1954  
MELVIN ISRAEL ESRIG, B.B.A., College of the City of New York, 1951; B.C.E., Polytechnic Institute of Brooklyn, 1954  
WALLACE EMORY FLUHR, B.S., University of Kentucky, 1954  
DONALD DUANE GABE, B.S., North Dakota State Agricultural College, 1943  
NEIL MIDDLETON HAWKINS, B.Eng., University of Sydney, 1957  
FLOYD HENRY HENK, B.S., Agricultural and Mechanical College of Texas, 1950  
JAMES NELSON HICKS, JR., B.S., United States Naval Academy, 1954  
BRADLEY JOHN HONHOLT, B.S., United States Military Academy, 1954  
HALIGEWODIERHALLI SRINIVASA IYENGAR, B.Eng., University of Mysore, 1956  
HARLAN WARREN JOHNSON, B.S., United States Military Academy, 1951  
WYNN EUGENE KAMPE, B.S., University of Washington, 1954  
DELBERT FRED KARMEIER, B.S., 1957  
NORMAN GEORGE KOUBA, B.S., 1955  
JOHN HENRY LAMB, JR., B.S., 1956  
DANIEL LEWIS LYCAN, B.S., Massachusetts Institute of Technology, 1952  
GEORGE JOSEPH MALINA, B.S., 1958  
DON STUART MCCOY, B.S., University of Wisconsin, 1953  
JAMES ROBERT MCKNIGHT, B.S., Lehigh University, 1953  
FELIX JOSE MILA, Civil Engr., University of the Republic (Uruguay), 1955  
CHHOTUBHAI BHIKHABHAI PATEL, B.Eng., Gujarat University, 1956  
RANGSI RATANAPRAKARN, B.S., Chulalongkorn University, 1957  
JASWANTSINGH SACHDEV, B.S., Chulalongkorn University, 1957  
RUSSELL EARL SCHOFIELD, B.C.E., Polytechnic Institute of Brooklyn, 1957  
JAMES HARRISON SCHOOLER, B.S., 1958  
HENRY CARL SCHRADER, B.S., 1940  
DOGAN NUR SUBAYKAN, B.S., Robert College, 1957  
JOHN TOMAN, B.S., United States Military Academy, 1953  
FLOYD DONALD WRIGHT, B.C.E., Clemson Agricultural College, 1950; M.S., Montana State College, 1957

*In Dairy Science*

A. RAMAMOHANA RAO, B.V.Sc., University of Madras, 1956

*In Dairy Technology*

ASHOK SEKHAR GANGULY, B.S., University of Bombay, 1956

*In Electrical Engineering*

THYCODAM VARKKEY GEORGE, B.S., University of Madras, 1956  
CHIEN CHANG HUANG, B.S., Taiwan Provincial Cheng Kung University, 1953  
GERALD WILLIAM MAHONEY, B.S., University of Notre Dame, 1957  
ROY JAMES MARQUEDANT, B.S., 1958  
JOHN LEWIS OVERBEY, B.S., 1955  
JACK WAYNE PUARIEA, B.S., 1958  
NEIL ERNEST WISEMAN, B.S., Queen Mary College, 1957  
CHARLES WILLIS WOLFE, B.S., 1958

*In Entomology*

MOHAMMAD ABDULLAH, B.S., University of Allahabad, 1954; M.S., Muslim University, 1956  
CHARLES DAVID LESAR, A.B., Southern Illinois University, 1957  
ZILE SINGH, B.S., University of Delhi, 1951; M.S., Punjab University, 1955

*In Finance*

EDWARD ANTHONY SALERNO, B.S., Loyola University, 1954

*In Geology*

WALTER RAYMOND LUNDWALL, B.S., Bowling Green State University, 1955  
JACKIE DELAINE MCGREGOR, B.S., 1955  
RUSSEL ALLEN PEPPERS, B.S., 1957  
BILLY REYNOLDS TOY, A.B., Berea College, 1957

*In Home Economics*

JEAN LOUISE DIETEMANN, B.S., 1955  
DELORES ANN HICKMAN, B.S., 1955  
RITA HELEN MCGREER, B.S., University of Alberta, 1955

*In Home Economics Education*

ALICE MIEKO YAMAMOTO, B.S., Stout State College, 1958

*In Journalism*

FRANKLIN BENJAMIN SMITH, A.B., Stetson University, 1955  
CAMPBELL BONNER TITCHENER, A.B., Ohio State University, 1951; B.Mus., 1955

*In Library Science*

ROSSIE BROWER CALDWELL, A.B., Claflin University, 1937; M.S., South Carolina State College, 1952  
TRI BONNIE CRELL, A.B., Sacramento State College, 1956  
FRANCES ILENE DOUGLAS, B.S., Illinois State Normal University, 1951  
HENRIETTA ARNOLD GRANT, B.S., Knoxville College, 1957  
ROBERT BENJAMIN KIRCHGRABER, A.B., University of Portland, 1941  
MARTHA LANDIS, A.B., 1957  
GEORGE BIE LIU, A.B., Fresno State College, 1950; A.M., 1953  
MELVIN LONNETTE MCKINNEY, A.B., Tougaloo College, 1957  
EDITH AUGUSTA OHLSON, A.B., Augustana College, 1948  
BEVERLY MAE PFEIFER, B.S., North Dakota Agricultural College, 1957  
MELISSA AUGUSTA RITTER, B.S., Illinois State Normal University, 1955  
LUCY VOLPIGNO SALVATORE, A.B., Brown University, 1943  
DEVENDRA NATH SHARMA, A.B., A.M., University of Lucknow, 1953, 1956  
FLORENCE MAUREEN SHEEHAN, A.B., 1957  
REGINALD SEBERATNAM THAMBAIAH, A.B., A.M., University of Madras, 1953, 1955  
MARQUA ELIZABETH WEATHERS, A.B., Southwest Missouri State College, 1944

*In Management*

JAN JONGBLOET, Civil Engr., University of Ghent, 1957

ROBERT FAST JORGENSEN, B.S., 1954

LESLIE LLOYD DONALD SHAFFER, A.B., University of California (Berkeley), 1935

*In Marketing*

FRANK JOHNSON, B.S., University of Utah, 1955

*In Mathematics*

DOROTHY ANN BOLLMAN, B.S., Eastern Illinois University, 1957

HENRY FRANDSEN, B.S., 1957

DAVID WILLIAM HUTCHINSON, B.S., 1956

GARY KRISTIAN LEAF, B.S., 1957

UGNYS STANLEY NAIKELIS, B.S., Illinois Institute of Technology, 1957

JINGYAL PAK, B.S., Kent State University, 1956

JOSEPH ALEXANDER PETERS, B.S., St. Joseph's College, 1953

MYRNA HELEN PIKE, A.B., Cornell University, 1957

FREDERICK WILLIAM SEUBERT, A.B., Washington University, 1952

HSUE CHONG TUNG, M.S., Oklahoma Agricultural and Mechanical College, 1955

*In Mechanical Engineering*

WILLIAM HENRY BARDENS, B.S., 1957

EDWARD JOSEPH BROWN, B.S., 1954

FAN YU CHEN, B.S., National Taiwan University, 1954

TSE-MIN FU, B.S., National Taiwan University, 1954

YONG SHIK HONG, B.S., Seoul National University, 1955

PHILIP EARL LAMBDIN, B.S., 1957

HIRO MOTIRAM MANSUKHANI, B.S., University of Oklahoma, 1956

HENRY GEORGE MITCHELL, Dipl., National College Heating and Ventilating, (England), 1954

DHANANJAY RAMBHAI PATEL, B.Eng., University of Baroda, 1956

ROBERT ALLAN WHITE, B.S., 1957

*In Metallurgical Engineering*

DONALD HERBERT BOONE, B.S., 1957

JAMES RICHARD COST, B.S., University of Wisconsin, 1951

KINKAR PROSAD GUPTA, B.Eng., University of Calcutta, 1955

DON HENDERSON KILLPATRICK, B.S., 1956

N. S. SUNDARA RAJAN, B.S., B.S. (Hons.), M.S., University of Mysore, 1941, 1949, 1951

*In Mining Engineering*

JAMES MANSFIELD CLEARY, JR., B.S., 1953

*In Music Education*

GERALD ERICK ANDERSON, B.S., 1957

ARDEN SMITH HUBBARD, A.B., Agnes Scott College, 1957

HOWARD LAVERNE SANDBLUND, B.S., 1956

*In Physical Education*

KENNETH RALPH MCGONAGLE, B.S., University of Minnesota, 1952

*In Physics*

WILLIAM GENE ANSLEY, B.S., University of Toledo, 1954

ANGELO BARDASIS, A.B., Cornell University, 1957

JAMES EDMOND BARTH, B.S., 1957

WALTER BAUER, A.B., University of California, 1957

ROBERT RAYMOND BEASLEY, B.S., Idaho State College, 1955

BARRY LOUIS BERMAN, A.B., Harvard College, 1957

JAMES CARR BUSHNELL, B.S., Massachusetts Institute of Technology, 1955  
 RICHARD LEE CUMMINS, B.S., 1953  
 JOHN WILLIAM DE FORD, A.B., Carleton College, 1957  
 NILS CONARD FERNELIUS, A.B., Harvard College, 1956  
 DOUGLAS BEACH FITCHEN, A.B., Harvard College, 1957  
 JOSEPH RUDETSKY HESSE, B.S., College of the City of New York, 1957  
 JAN STURE BIRGER HOLMSTROM, B.S., 1958  
 DON CARLOS HOPKINS, B.S., Eastern Illinois University, 1957  
 MYRNA LEWIN, B.S., College of the City of New York, 1957  
 CLARENCE ALFRED LUND, B.S., University of Nevada, 1951  
 JAMES PAUL MARTIN, A.B., Williams College, 1953  
 YVES MERLE D'AUBIGNE, Dipl. of Engr., University of Grenoble, 1957  
 KONG KI MIN, A.B., Amherst College, 1957  
 JOSEPH CARL MYERS, B.S., Pennsylvania State University, 1957  
 JACK LEROY ORD, B.A.Sc., University of Toronto, 1957  
 FRANKLIN MOORE PROBST, B.S., Alabama Polytechnic Institute, 1957  
 HOWARD KENT ROCKSTAD, A.B., St. Olaf College, 1957  
 DAVID ALAN SIMKIN, A.B., Cornell University, 1957  
 HARRY HUGGINS TIPPINS, JR., B.E.E., University of Florida, 1955  
 DONALD SMITH TRIMMER, B.S., Case Institute of Technology, 1957

*In Physiology*

ROGER ANTHONY GORSKI, B.S., 1957

*In Plant Pathology*

JEROLD WARD BUSHONG, A.B., Miami University, 1957

*In Radio and Television*

ROBERT EDWARD HENLEY, B.S., Southern Illinois University, 1954

*In Sanitary Engineering*

VITHYA PIENVICHITR, B.S., Chulalongkorn University, 1956

*In Speech Correction*

CHARLES THOMAS HASHBARGER, B.S., Eastern Illinois University, 1954

*In the Teaching of Biological Sciences and General Science*

AFRODITE KONSTANS BILS, B.S., 1954

*In the Teaching of Chemistry*

GORDON ORVIL BROWN, A.B., Colorado State College, 1946

*In Theoretical and Applied Mechanics*

JOHN REMMERS ROSS, B.S., 1950

ROBERT EARL WOODS, B.S., 1958

*In Veterinary Medical Science*

SOHAN PRASAD SAXENA, B.S., Agra University, 1943; Dipl., Bombay Veterinary College, 1948

**Degree of Master of Music**

EMORY MOORE FANNING, B.Mus., Oberlin College, 1957

ROBERT PARK MANOOKIN, A.B., Brigham Young University, 1955

ANN LOUISE BRAINERD NADEAU, B.Mus., Oberlin College, 1956

JOHN THEODORE PROCHÁZKA, B.Mus., 1957

**Degree of Master of Education**

VANCE JUNIOR AHLF, B.S., 1942

MAX JOSEPH AUBUCHON, B.S., 1952

NEVILYN YVONNE NELSON BALATY, B.S., 1952  
 PAUL FRANKLIN BARTHEL, B.S., 1951  
 LORALICE JUNE BLAKELEY, B.S., Illinois State Normal University, 1953  
 MADGE HAINLINE BLYTHE, B.S., Greenville College, 1954  
 OLEN EUGENE BROWN, B.S., Eastern Illinois University, 1952  
 JAMES JOHN BUFFER, JR., B.Ed., Chicago Teachers College, 1958  
 DAVID KEITH CARLTON, A.B., Asbury College, 1954  
 RICHARD KEITH CHERRY, B.S., 1950  
 SHIAO-YING CHIANG, A.B., Taiwan Normal University, 1957  
 DORIS KAISER CORDES, B.S., Northern Illinois University, 1956  
 STEPHEN HEYWORTH CROSS, B.S., 1951  
 LEONA BRANDON DOLLISON, B.S., Lincoln University, 1955  
 RAY HUGH EDWARDS, B.S., Southern Illinois University, 1954  
 AUDREY ANN NEUMANN ERNEST, B.S., 1952  
 JOHN CLARK ESAREY, B.S., 1954  
 DOROTHY SCHENCK FITCH, B.S., 1931  
 DOLLIE WALTER GALLAGHER, B.S., Eastern Illinois University, 1955  
 NORMAN STANLEY GILBERT, B.S., Northern Illinois University, 1954  
 DOROTHY KATHRYNE HALL, A.B., Augustana College, 1943  
 MARIAN HAZEN HALL, B.S., 1946  
 SAMUEL FRED HICKS, A.B., Southern Illinois University, 1956  
 ANTHONY JOSEPH INNIS, B.S., Millikin University, 1952  
 WALTER KENICHI KONISHI, A.B., University of Hawaii, 1954  
 LOUELLA JOHNSON LAMB, B.S., Eastern Illinois University, 1953  
 ROBERT LELAND LINDSEY, B.S., Illinois State Normal University, 1949  
 SHIRLEY ANN LUND, B.S., University of Minnesota, 1946  
 DONALD MITCHELL MAY, B.S., 1958  
 NORMA JEAN SWANSON MCKIE, B.S., Illinois State Normal University, 1953  
 ELLIOTT DELOIS MCKINNEY, A.B., Agricultural, Mechanical, and Normal College (Arkansas), 1952  
 HERSHEL JAMES MCPHERON, B.Ed., Eastern Illinois University, 1947; B.S., 1953  
 LOUIS JOSEPH NACHBAUER, A.B., Augustana College, 1952  
 TOLLEF OWEN NASBY, B.S., Iowa State College, 1950  
 LELAH MAE NEWMAN, B.S., Eastern Illinois University, 1955  
 RUTH ELIZABETH NICOLI, A.B., Coe College, 1951  
 DOROTHY NUGENT, B.S., Butler University, 1935  
 PENSIT POTIJINDA, B.S., Stout State College, 1958  
 SHIRLEY ANN KUHN PUARIEA, B.S., University of Wisconsin, 1953  
 EDITH LOUISE HARTMAN SCHAEFER, B.S., 1953  
 DONALD FREDERICK SCHARFENBERG, B.S., Northern Illinois University, 1956  
 LESLIE GEORGE SHADEL, JR., B.S., 1954  
 MILDRED WASHINGTON SPRUILL, A.B., Stowe Teachers College, 1952  
 LAZELLE EPPLE STEM, A.B., Shurtleff College, 1953  
 CAROL LOCKREM SYKES, B.S., Illinois State Normal University, 1956  
 THEODORE LARRY VRENICK, B.S., Northeast Missouri State Teachers College, 1950  
 SAMUEL WORLEY WEGMAN, B.S., 1955  
 DORIS MOODY WERRIES, B.S., Illinois State Normal University, 1957  
 MARTIN C. WHELAN, B.S., Northwest Missouri State College, 1952  
 JEANE T. WINKLER, B.S., Eastern Illinois University, 1951  
 SUSAN BROWN WOLFE, B.S., 1955  
 ERMA ZELLA WORTHEY, A.B., Shurtleff College, 1953

### Degree of Master of Fine Arts

JOHN WILFRED MCIVOR, B.F.A., 1957

### Degree of Master of Laws

BERNITA JEWELL DAVIES, A.B., LL.B., B.S., 1924, 1928, 1932

### Degree of Master of Architecture

WILLIAM HILDEBRAND ALINGTON, B.Arch., University of New Zealand, 1956

**Degree of Master of Television**

FRANCIS LAWRENCE KELLY, B.Dram.A., DePaul University, 1954

**Advanced Certificate***In Education*

JAMES RUSSELL CHANGNON, B.S., M.S., 1947, 1951

JOHN THEODORE WEYRAUCH, A.B., Beloit College, 1949; A.M., 1952

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

RICHARD BYRON BAIRD  
 CHARLES ARTHUR BALLARD  
 RITCHIE G. BARNETT, High Honors  
 LEE HENRY BRIDGMAN  
 CARL ALBERT BUDELSKY  
 JOHN ROBERT BURKHARDT  
 FREDERICK EDSON BUXTON, JR.  
 RICHARD HAMLIN CONDREY  
 ROBERT ED COOTS  
 CLARENCE OLIVER DAVIS, High Honors  
 RICHARD WAYNE DICKSON  
 THOMAS EUGENE FENTON, High Honors  
 JAY TERRY FITTS  
 ARNOLD ARTHUR GALLOWAY, Honors  
 CARLYLE S. GREATHOUSE  
 DONALD EUGENE GUSTAVESON  
 CHARLES EDWARD HEATHMAN, Honors  
 JAMES LAWRENCE HOGAN, JR.  
 HENRY FROST HOOKER  
 WILLARD FREDRICK LENSCHOW

DONALD PAUL LINDSHIELD  
 CHARLES CLINT LUKER  
 WARREN HALL MACLIN  
 ROBERT MARLAND MARSHALL  
 JOHN ROBERT MCCARTHY  
 WILLIAM OLIVER MCILRATH  
 DANIEL CHARLES MINER  
 RONALD HONCE MOHR  
 MELVIN LOUIS PEASLEY  
 DON WILLARD SARGENT  
 FERMAN WAYNE SIMS  
 EARL HENRY SONNEMAKER  
 DAVID JEROME STEIN  
 JERRY HERMAN STOLLER, Honors  
 ALFRED GERALD TURLEY  
 GAYLORD WAYNE WEAVER  
 DONALD RANCE WEEMS  
 LARRY LEE WEST  
 WILLIAM LOUIS WISSMILLER

*In Dairy Technology*

RICHARD AUGUST KURZ  
 JOSEPH ALBERT OHREN

JOHN CARVER TURNER

*In Food Technology*

JOHN ALLEN MERBOTH

MERLE FRANCIS PEDEN, JR.

*In Home Economics*

MERILYN ANN BEVER, Honors  
 BEVERLY JEAN BLACKSHER  
 JOAN DROY  
 KAY SYLVIA KIBLER  
 GLORIA ROSE KRASHEN  
 GLENDA MARIE LANDERS  
 KATHLYN ELAINE LAWRENCE

NORMA LEAH MONTAVON  
 MARY KATHLEEN RAFFERTY  
 KATHLEEN ANN REDINGTON  
 HELEN DOLORES REED  
 MARY FRANCES ROBSON  
 FREDETTE JO-ANN STIERNBERG

*In Home Economics Education*

MARY LOU SPENCER BAIRD  
 JANE COLE  
 MARY LOU DOYLE, Honors

SUSAN JEAN KAHL, High Honors  
 SYLVIA JANE WINELAND, High Honors

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Aeronautical Engineering*

THOMAS CHARLES BOREN  
 CARLOS HERNÁN BUTRAGO RUIZ

DONALD ALAN CORBETT  
 RONALD JOSEPH DELISMON

THOMAS JOHN DZIUBALA  
 ROBERT WILLARD FARQUHAR, Honors  
 ANTON DONALD FRANCIS  
 WARREN DALE FULKERSON  
 DONALD ROBERT GOLDBERG  
 DONALD THOMAS GORDON  
 GARY GILBERT GRODY  
 RONALD CARL HANK  
 RICHARD JOHN HILL  
 RONALD CHARLES HUPE

ROGER ALEXANDER JOHNSTON  
 CHRIS ALVIN KIPFER  
 DONALD LEE MUSHOLT  
 DONALD VALENTINE MUTH  
 THOMAS ANTHONY NAHNSEN  
 THOMAS FRANCIS SHANAHAN  
 ROBERT EUGENE SKARSHAUG  
 DONALD DEANE TEAGUE  
 GENE JUNIOR TIEZZI

*In Agricultural Engineering*

HENRY JACOB AUCHSTETTER  
 JOHN ARTHUR CHAPMAN  
 DAVID CURTIS JOHNSON, High Honors

ROBERT LEROY McNABB  
 DONALD LEO SMITH, Honors

*In Ceramic Engineering*

GEORGE ARTHUR BOWMAN

BILLY RAY TOLLIVER, Honors

*In Civil Engineering*

JAMES BURTON ALLISON  
 BERNARD ARONSON  
 CLAUDE IRVING ATTERBERRY  
 ALBERT FRANCIS BARSELLA  
 FREDERICK WILLIAM BARTELSMEYER  
 ALAN FRANCIS BOBKA  
 DAVID ROGER CARRIER  
 WILLIAM MARVIN CAZIER  
 KENNETH PAUL COOVER  
 ROGER LEE DAOUST  
 DARRELL ARTHUR DOBBS  
 WILLIAM CHARLES DOLEZAL  
 HOWARD ADRIAN DOVRE  
 EUGENE FRANK EISENHAUER  
 CLIFFORD LEROY EMMERLING  
 JUAN ANTONIO GARCIA-GARCIA  
 RAMIRO GÓMEZ-LÓPEZ  
 ANTHONY STEPHEN GRZEMSKI  
 DONALD ROBERT HENDERSON  
 HAROLD DALE HICKS  
 ROY EDWIN HITCH  
 JAIN SWARUP JAIN

WILLIAM HARM JOHNSON  
 ANTHONY MONSHIUN KAO  
 GEORGE THOMAS KOLAR  
 BYRON ARMIN MARKS, High Honors  
 LAWRENCE JOHN MILOSHESKI  
 JOHN COWSERT MOORE  
 ROBERT EDGAR MORGAN  
 GUSTAVO PATIÑO DUQUE  
 DONALD WAYNE PFEIFER  
 PAUL RUSSELL PLUCIENIK  
 JAMES JOSEPH POWERS  
 JOHN HARTLY SABO  
 MARIO SANTACRUZ CHAVES  
 JOSEPH RICHARD SIDOR  
 JERRY LEON SMITH  
 CHARLES EUGENE SNIDER  
 HERALDO SOTO  
 VESPER LEE TAYLOR  
 CHEW YEE THAM  
 WILLIAM EDWARD THORNTON  
 RICHARD LEE TURNER  
 LESLIE RUDOLPH WIEDUWILT, JR.

*In Electrical Engineering*

WILLIAM THEODORE ADELMAN, JR.  
 RONALD ALBERT AICHHOLZER  
 LAWRENCE WILLIAM AMIOT  
 JOHN DAVID BAKER, JR.  
 RICHARD DAVID BARKMAN  
 EDWARD JAY BEHR  
 VILMARS BEINIKIS  
 JOSEPH BERTOGLIO  
 THOMAS HENRY BERTRAND  
 GEORGE MAX BETHKE  
 GEORGE DAVID BORG  
 LOUIS ALBERT BRAUN  
 WILLIAM FRANCIS BUTLER, Honors  
 JAMES GIBSON BUYER  
 LEROY JOHN COOK  
 JOHN MATTHEW CROCKETT  
 ROGER PAUL DAY  
 WILLIAM JOSEPH DEJKA

ROBERT PHILIP DOUGLAS  
 DEAN RICHARD EVERT  
 GLEN ELMO FAXON, JR.  
 ALLAN RAY FIEDLER  
 JOHN JOSEPH FLAHERTY  
 JURGIS ALFREDAS GEDAUGAS  
 JAMES BERNARD GERARDO, High Honors  
 FRANK XAVIER GREGORY  
 JAMES EDWARD HANLEY  
 JACK D. HANSEN  
 JOSEPH JAMES HARTL  
 RICHARD RANDOLPH NOEL HAYDEN  
 KERMIT KEITH WILLIAM HEID, Honors  
 THOMAS EMIL HEMMINGER  
 ALPHONSO HOBBS  
 FREDERICK HAROLD HOFMEISTER  
 JOSEPH CLAYTON HUNT  
 DAVID LEE HUSUNG

WILLIAM ROBERT JACOBS  
 RONALD PAUL JETTON  
 JAMES EDWARD JOHNSON  
 BRIAN LOUIS JOSLYN  
 BRUCE ROBERT KAUFMAN  
 PETER ALLAN KLEIN  
 EVANGELOS PETROS KOSTOGIANNIS  
 GERALD LOUIS KRAY  
 LARRY DONALD LARSEN  
 RICHARD JENE LAY  
 WILLIAM CARL LINDE  
 MAROLD HERMAN LOHRENZ  
 JOHN ROBERT MARTIN  
 CHARLES ROBERT MAYER  
 JOSEPH EMIL MESCHI  
 JOHN EUGENE MORSE  
 RALF MUELLER  
 ROBERT ALDEN NELSON  
 JOHN FRANCIS NORRIS  
 ROBERT SUNDIN PATTON, JR.  
 CARL GUNNAR PETERSON  
 VITALIS JONAS PETRUSIS  
 GEORGE JOHN PINZ  
 JOHN PLUTH, JR.  
 ROBERT LESLIE POESCHEL, High Honors  
 BERNARD JOSEPH REKIERE  
 KENNETH JAMES REZNICEK  
 LIONEL CHARLES RIPPKE

JOHN BLAKE ROBERTSON  
 FRED JEROME ROSENBAUM, Honors  
 LIONEL DAVID ROVNER  
 DONALD FRANCIS SCHILTZ  
 JOHN MATTHEW SCHNEIDER, Honors  
 FRANK WAYNE SCHNEIDERMEYER  
 THOMAS GEORGE SHACK  
 THEODORE ROOSEVELT SHAFER  
 KENNETH LEROY SHENFISH  
 ELMER GEORGE SMITH  
 HAROLD DEAN SMITH, JR.  
 ROMAULD MARION SOKOL  
 THEODORE SPYRIDON STAMATIS  
 JOHN WILLIAM STEARNS  
 JOHN CLIFFORD STEVENSON  
 GEORGE BECKETT TALBOTT  
 DYCUS LEE TISON  
 TAKASHI TSUHAOKO  
 JEROME ANTHONY TUREK  
 LEROY ALLEN VOGT  
 DONALD LEE WALKER  
 HARRY FRANCIS WALLER, JR.  
 GEORGE RAYMOND WINK  
 JAMES WILBUR WRIGHT  
 WILHELM FREDERIC ZANTOW  
 RICHARD EDWARD ZAREMBA  
 ANSIS ZILGALVIS  
 BASIL THOMAS ZOTOS, Honors

#### *In Engineering Physics*

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MICHAEL JASPER CAMPO	CLIFFORD WILLIAM MENDEL, JR.
RICHARD ANDERSON CRAIG	THOMAS CLAYTON PIPER, Honors
ROBERT HENRY DEVORE	PAUL NOBLE SWARZTRAUBER
JOSEPH CARL HAFELE, High Honors	DAVID FLORNES TECHENTIN
MARVIN LEO HARDING	KYAW MYA THEIN
WILLIAM RAY MALLORY, High Honors	ROBERT HARRY WILLSON

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JOHN RUSSELL FUNKHOUSER	JOHN BERNARD SHEA
JAMES FREDERICK GAFFNEY	CECIL WILLIAM STRADLEY
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GERALD ARTHUR LAUTERBACH	JAMES WILLIAM WOLFF
JOHN GILBERT PIKE III	

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LOUIS PAUL ANTONELLI	EUGENE PAUL MIKOLAJCZYK
RICHARD JOHN BERGHOLZ	WILLIAM HOWARD PROCTOR
SULLY WILLIAM BONANSINGA	TERRY DEAN RENFER
JOHN GRAHAM CORLISS	SIDNEY ALLEN SACHS
ROBERT KEITH ELSE	ARTHUR THOMAS STELLMACH
JOHN FRANCIS HUCK	DONALD ARLYN TRULL
LYLE EUGENE KING, Honors	ERNEST MYLES WILLER
JOHN MARCUS KNODLE	WILLIAM MICHAEL ZUKLEY

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JAMES ROBERT ALBRIGHT	PHILIP EUGENE BOWEN
FRED CARL BAHR, JR.	DAVID LEE CARLSON, Honors
ROBERT FRANK BARINEK	RICHARD JOHN CHMIELEWSKI

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 DANIEL EDWARD CZERNIK, Honors  
 CECIL VERNON DEAN  
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 RONALD LEE DEVAISHER  
 MILTON LESTER DIEDRICK  
 WILLIAM THOMAS DONOHUE  
 WILLIAM LUTHER DRURY  
 DAN ALLAN DUWELL  
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 GUY SHERMAN FORNEY  
 JOHN GRAHAM FREEBERG  
 WILLIAM DUDLEY GABBARD, High  
 Honors  
 BILL ANTHONY GREENWELL  
 RICHARD SETH GRIFFITH  
 WILLIAM THOMAS HABENICHT  
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 DONALD FRANCIS HELFER  
 ROBERT HARROUN HOMMEL  
 BORIS WESYL HRYKEWICZ  
 WARREN NORBERT JENSEN  
 NICHOLAS ANTHONY JERGOVICH  
 EMERY RICHARD JOHNSON  
 MILTON ARTHUR KLAYUM  
 DONALD ARTHUR KLOKKENGA  
 JOHN EDWARD KOCH  
 LOREN LOUIS KRUEGER  
 DONALD ROGER KUEHL  
 ROBERT LEROY LENZ  
 CHARLES OVAL LEWIS

RICHARD FRANK MARTIN  
 RICHARD EDWARD MAXWELL  
 FRED LEON MILLER  
 JAIME MORALES  
 JOHN DAVIDSON MORAN  
 JERRY EUGENE MORGAN  
 JOHN ROMANO NUTINI  
 JOHN WARREN OEFF  
 WILLIAM BURDETTE PARKER  
 KENNETH FRANK PAWLAK  
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 EUGENE POCS  
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 MURRAY GORDON RHODES  
 RICHARD IVAN RICKETTS  
 IAN STEWART ROBB  
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 HEMANT TRIMBAK SATHE  
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 ROBERT WILLIAM STORKMAN, Honors  
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 JOSEPH DONALD SVATOS  
 ALGIS ALLAN TIRVA  
 JAMES LEROY WESSELMAN  
 RAYMOND ALFRED WILLEM  
 STEVE ARTHUR WUTZKE, Honors

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 EDWIN MELVYN HORAK  
 ALLEN ISAAC LEWIS

GEORGE AUSTIN MORRIS  
 GEORGE RONALD MORRIS

*In Mining Engineering*

PETER ANTON NIKIAS

JAMES RAYMOND YANCIC

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

**Degree of Bachelor of Arts**

*In Home Economics*

ELIZABETH ANN THUT

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 Liberal Arts and Sciences  
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eral Arts and Sciences with Dis-  
tinction in Psychology  
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JUDITH GRACE MORSE, Honors in Lib-  
eral Arts and Sciences with High-  
est Distinction in Political Science  
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eral Arts and Sciences with Dis-  
tinction in Political Science  
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GEORGE STRICK  
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SHELDON ALBERT TERMAN  
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CYNTHIA DIANE THOMPSON, Honors in  
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PRISCILLA AGNES THORPE, Honors in  
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RONALD JOSEPH ULM  
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JEANINE MARIE GREENE, Honors in  
Liberal Arts and Sciences

BARBARA ANN ISAKOFF, Honors in  
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IDABELLE KINCANNON MACHAMER  
CAROLE DIANE REPS  
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Liberal Arts and Sciences  
MARIE JOANNE GOLDMAN, Honors in  
Liberal Arts and Sciences

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Arts and Sciences with Highest  
Distinction in the Curriculum  
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Liberal Arts and Sciences  
RICHARD WHEELER CALLENDER, Honors  
in Liberal Arts and Sciences  
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ELIZABETH ANN EVAN  
MARGUERITE FALLUCCO, Honors in Lib-  
eral Arts and Sciences with Dis-  
tinction in the Curriculum

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Arts and Sciences  
JANET LYNN MCQUEEN, Honors in  
Liberal Arts and Sciences  
MARGARET LORRAINE SIMAK, Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum  
DEBORAH HANSON SKEHEN, Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum  
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SEYMOUR HIRSCH CABIN

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WILLIAM GUS JAMES

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MARTIN VICTOR JEAN

GENE VERNON KNAPP

VERA M. KOZIJ

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VIVIEN PATRICIA LEE

JANICE LEWIS

EDWIN JOSEPH LUDTKE

RICHARD JOHN MANN

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JAMES LEIDIGH MATHIS

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GATIS PLUME

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PAL SOHAR

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GAIL ELLSWORTH THWING

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High Distinction in Psychology

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KENNETH LEE WILLIAMS

DONALD ARTHUR WINDSOR

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Liberal Arts and Sciences with  
Distinction in Bacteriology

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Arts and Sciences

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Distinction in the Curriculum

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JAMES HARRIS ENDERSON  
NICK EARL ZENZEN

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*In the Teaching of Mathematics*

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**COLLEGE OF LAW**

**Degree of Bachelor of Laws**

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FREDERICK LOUIS BEHREND, B.S., 1954  
DONALD CHARLES DIETEMANN, A.B.,  
1953  
LEONELLE H. GARBS  
EUGENE NOLAND HAMILTON, A.B., 1955  
DANIEL HOSEMAN, A.B., 1957  
GEORGE WILLIAMS HOWARD III, A.B.,  
1956; High Honors  
RICHARD KIRK, A.B., 1954; Honors  
CARL JENNINGS LANE, JR., A.B., 1954  
DONALD BERNARD LEMERSAL, B.S., Uni-  
versity of Notre Dame, 1953  
ARTHUR MARSHALL LERNER, A.B., 1957  
RICHARD IRVING MARBLESTONE, B.S.,  
Washington University, 1954

LUTHER CASWELL MCKINNEY, B.S.,  
Iowa State College, 1953  
MARGARET REESE MIDDLETON, B.S.,  
1936  
GERALD KAZUYUKI NAKAMURA, B.S.,  
University of Hawaii, 1956  
ANDREW ALAN SEMMELMAN, A.B.,  
Lake Forest College, 1953  
DAVID JAMES SHANKS, A.B., 1954  
THOMAS RICHARD SULLIVAN, A.B., 1954  
RICHARD SWANSON, B.S., 1955  
JOHN RICHARD TRIPP  
ROMAYNE CLARE WICKLUND, B.S., 1951  
HAROLD MAYNARD WILSON, JR., A.B.,  
1957

**COLLEGE OF EDUCATION**

**Degree of Bachelor of Science**

*In Education*

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Honors  
DONALD JOSEPH DONATT  
PEARL ELOVITZ  
KARA APPELEGATE GRIDER, Honors

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EDITH MARGARET BOYD, Highest  
Honors  
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SHARON BYRON  
SALLIE JOAN CAPP, High Honors  
PATRICIA ANN CAVIN  
KAREN RYDIN COLLINS  
DORA LEE CRAIG  
MARILYN JOAN DAY

MARTHEL SCHWEIKERT DELANEY  
KAREN MARIE DOMKE  
JOYCE MINCEY EVANS  
SUE SARVER GLEIM  
NORMA ALYNE GREEN  
PATRICIA DIANE GRENKO  
NADINE ELLEN GULLEY  
LORRAINE ALONNA HOPKINS HARDING  
MARILYN ANN HILGERT  
BETTY LOU HOFFMAN

GLENDORA MOUGIN HUTSON  
 CAROLYN FRY KITCHEN  
 ENID CLAIRE KOSBIE  
 PATRICIA ANN LINK  
 ELAINE ETHEL MARCUS  
 RUTH MEDWEDOWSKY  
 WILLIAM ANTHONY MELVIN  
 DIANE LUCILLE NASIATKA, Honors

DELORES ANN POWDER  
 ANITA GEGEL SAUERWEIN  
 CAROL VIRGINIA SCHAAK  
 DIANE SCHWARTZ SHLENS, Honors  
 FRANCES BOSTWICK STEVENS, Highest  
 Honors  
 JOYCE ELAINE TUNIK, High Honors  
 NANCY JOAN TYNER

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 CHARLES TOSHIHARU Iwai

HARRY MARTIN PEIFER, JR.  
 EDWARD ADAM POLOMSKI

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

**Degree of Bachelor of Science**

*In Accountancy*

JAMES RICHARD ALLINGTON  
 PAUL DUANE BOLLIGER  
 ROBERT EMMET DUNWORTH  
 JOHN ROBERT FIELDS  
 MICHAEL EDWARD FOX, High Honors  
 BERNARD BENJAMIN FRUCHTER, Honors  
 MILAN GNJATOVICH  
 WILLIAM ARTHUR GRAY  
 BUREN THOMAS HAYNES  
 WILLIAM ROLAND HINKLE  
 CARL EDWARD JOHNSON, JR.  
 HENRIKAS LAUCIUS  
 ARTHUR NEAL LAUDEMAN  
 CHARLES EDWIN LEVERICH  
 JOHN EDWARD LIVELY

BILL GENE MACK  
 JOHN KENT MCCORD  
 GENE ALLEN MCGRAW  
 ROBERT PAUL MINTZ  
 THOMAS EDWARD PETERSON  
 DANIEL BERTRAM RODGERS  
 DONALD ARTHUR SMITH  
 PHILIP SMITH  
 ROBERT ARNOLD SPRAETZ  
 RAYMOND DANIEL STURM  
 DONALD JOHN TODD  
 THOMAS HARRY VARNER  
 BRUCE BOYD WIEMER  
 ARLAN DEAN WILLOCK  
 JAMES FREDERICH YAHNKE

*In Accountancy and Management*

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*In Commerce and Law*

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 THOMAS MICHAEL LAMKIN

GARY JOSEPH LEONARDO

*In Commercial Teaching*

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 SHIRLEY DELORES DEAN

SARAH ANNE ROBINSON

*In Economics*

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 WAYNE JEROL HUBBERT  
 JOHN LASSITER, JR.  
 WILLIAM ROBERT LAUER  
 WILLIAM GENE MCCORD

ROBERT EUGENE MCKENZIE  
 BERNARD LEE NOVEMBER  
 RICHARD LEO SAROMONT  
 JAMES PATRICK SAVAGE, JR.

*In Finance*

ANTOINE JEAN ARNAUDY  
 GEORGE RICHARD BROKEMOND  
 DONALD GERARDE BUCHE  
 CHARLES DAHNCKE, JR.  
 DAVID ANTHONY DALEIDEN, Honors  
 ERNEST DONALD DiMONTE, JR.  
 JEROME JOSEPH GINSBURG

WILLIAM HERBERT KESTAS  
 RICHARD DOUGLAS KOELLER  
 JOHN HAMILTON LEE  
 ROBERT CHARLES O'CONNELL  
 LARRY POLLOCK  
 HOWARD FRED SAUERMAN

*In Industrial Administration*

JOHN ANTHONY FURNO  
GERALD EDWARD JOHNSON

PHILIP ELRAY WHITESIDE

*In Management*

RONALD KENT AHRENS  
HERBERT SAUL BADAL  
EDWARD FRANCIS BAGDONAS  
JAMES WILLIAM BARKWILL  
BRUCE McCAW BAXTER  
ROBERT PAYNE BENSON  
ANDREW LAWRENCE BUCH  
ARTHUR FRANCIS CALLAHAN  
THOMAS DOCKLER CLARIDGE  
ROBERT WILLIAM DENOMY  
JOHN CHARLES DIBBLE  
GEORGE PETER FATTA  
SAMUEL HOPE FRANK  
ALAN EUGENE FRAZELLE  
FRANKLIN THOMAS GURNEY  
KENNETH LeROY HALLBERG  
JACK WAYNE HENDRYX

JAMES RAYMOND HOFFNER  
ELWYN BERNARD JOHNSON  
JUEL LEE  
FRANCIS HEBEL MALONE  
JOHN MICHAEL POLLACI  
FRANK UNWIN PONTIOUS  
ROBERT RONALD RIEDLE  
JOHN PETER RIFAKES  
IRA EUGENE SHAFFER  
ROGER LEE STANGE  
RICHARD DANIEL STARMANN  
WILLIAM JOSEPH SULLIVAN  
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ROGER SCOTT VAN ADESTINE  
RICHARD LEE VERKLER  
ERIC GUNNARD WALLDEN  
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*In Marketing*

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BURTON FRANK GRANT  
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HENRY BERTON HOUSH II  
CHARLES EDWARD IVEY

LOWELL BRUCE JOHNSON  
RICHARD GARY KARLOV  
GLENN PETER MACNERLAND  
RICHARD ARNOLD McCANDLESS  
EDWARD GERARD McGRATH, Honors  
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ARTHUR DEAN SEDGWICK  
HERBERT PAUL STEPHAN  
ROGER RAYMOND STREIBICH  
ALPHA COSLER TEBBETTS  
RICHARD ALLEN VANCE  
PETER PAUL WEISS  
NEIL EDWARD WILEY

*In Secretarial Training*

EVELYN SAAM CARLSON

## COLLEGE OF JOURNALISM AND COMMUNICATIONS

## Degree of Bachelor of Science

*In Journalism*

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JUDITH ROYCE BELT  
KENNETH LEE BROWN  
ALFRED SIDNEY CHIPPRIN  
CHARLES WALTER CHUDEK  
EDWARD EWING DeLONG III  
JIM FRANK De MUNNO  
SHIRLEY OGDEN EARNST  
DONALD ELWOOD FLYTE  
ELLSWORTH BERTRAND FRANKSON  
ERNEST CHARLES HUMPHREY  
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DANIEL CLYDE KIBBIE  
MARSHALL ALLAN LIPSON  
PATRICIA MASAKO MATSUMOTO  
MARGARET ANNE MCCARTHY

EDWARD THOMAS McNAMARA, Honors  
HELEN MARY MILECKI  
RICHARD DOWELL MILLS  
JOANNE MITCHELL  
MARGARET JOAN MOOTS  
NILS NORMAN PEDERSEN  
JERRY POLLACK  
PAULINE JEANETTE QUINCI  
RALPH CARROLL RENO, JR.  
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RICHARD KENNETH SMITH  
NORMAN SNITOVSKY  
CHARLES GEORGE SOTIR  
CAROL JEAN TRACHTENBERG  
WAYNE HOOSE WEBER, JR.  
GERALD HOWARD WINNICK

**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**

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DALE RAY BIRTCH	OSCAR EMIL LEIDENFROST
CLARK FOREST BUTTS, High Honors	THEODORE LEONARD MULARZ
ARTURO CERPELLI	FREDERICK DAVID NEILSON
SAIFOOK CHAN	JACK EDMUND OLSEN
DANIEL BARNEY CZEKANSKI	WARREN GUY OLSEN
ROBERT BERNARD DREWS	JOHN KARL PAULSON
THOMAS EDWARD FENNELL, JR.	ROBERT LITTELL PAYNTER, High Honors
CURTIS EDWARD FLANNERY	GEORGE HOWARD PEABODY, JR.
DONALD LEE FORE	ROBERT LEE PECHNICK, Honors
SHERMAN GERBER	PHILLIP NEALE PERRY
DAVID WILLIAM GILLETTE	THOMAS HENRY PLUNKETT
THOMAS DAVID GREEN, Honors	BETTY JANE RITTER
DONALD FRED GRONERT	MICHAEL LEE ROSEN
MICHAEL KENNETH HOFFNER	CHARLES BRADLEY RUSSELL
ROBERT YUAN CHUN HSIUNG, Highest Honors	JOHN FREDRICK SWINDELL
THOMAS IRVIN HUMES	ANDREW MICHAEL TOTH
NORMAN TAKAO ISHIKAWA	CHARLES PHILIP VERMEYEN
DONALD KARL JOHANSON	RAY BRADLEY WEISENBURGER
MOOJAN KHADEMNEH	FORREST DUANE WENDT
WALTER LESTER KRATZ, High Honors	RICHARD ANTON WESTERGREIN

**Degree of Bachelor of Fine Arts***In Advertising Design*

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FRANCES SACHIE ICE	CHARLES RICHARD VERRET
LOIS HOUSER LIVELY	

*In Art Education*

BETTE ADELE AIMONE	SHARON KATHRYN MCNERNEY
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*In Industrial Design*

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JOHN LYLE BERMAN	JANICE ROETH SCHUETZE
ROBERT ALEX BUTKUS	BERWYN EUGENE SHANE
JOHN PETER CHALLAS	EDWARD STANLEY SIPOWICZ
JACK MENDELSON	GEORGE RONALD SONNENLEITER
ROBERT JOHN MUELLER	RICHARD KENNETH THOMAS
STANLEY PHILLIP NASH	DONALD GORDON WOLFE

**Degree of Bachelor of Music**

PATRICK WINCHESTER COLLINS, Honors	CAROLYN JOYCE MITCHELL
THOMAS LEE GAUGER	RALPH FRED PAHLOW

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RUDOLF BERNART HABBen
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*In Music Education*

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MARIANNE IVEY, Honors	MARJORIE ALICE ROBERTSON, Highest Honors
BARBARA JOAN KILBURN	PETER FRANK SCHUETZ, High Honors
FRANK LICHTENSTEIN, Honors	PAULA LEE SILVERMAN
CLARETTA LAFFERTY METZGER, High Honors	ANN MILLCENT WIDEROE, High Honors
DANLEE GEORGE MITCHELL, Highest Honors	EDMUND CHESTER WILLIAMS, Honors
WILLIAM WARREN OLSON	PHILLIP WAYNE WINTERGERST
	EUGENE LEON YINGLING

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

LLOYD ARTHUR ATWELL	WAYNE EARL MCGEE
JUDITH MAE BAYER	LARRY JON MEYERS
MILDA ELEONOR BRENCIUS	CHARLES ERNEST RAMSER
LAWRENCE GEORGE BREYFOGLE	LINDA DUNCANSON RENKES, Honors
ALBERT FREDERICK CAMPBELL, JR.	WESLEY ELMER SELL
ROBERT FRANCIS DELANEY	RONALD FRED SPAMER
DALE HOMER FLACH	HERBERT EDGAR TELLFORS
SARAH GIPSON, Honors	JEROME JAMES VIZEK
MARGARET HOLTON HYDEN	JOHN FRANCIS VOYDA
MARSHA KAIN	MICHAEL WILEY WALTERS
DONALD KARAMITSOS	HARVEY WALLACE WELTMAN
MITCHELL MCBRIDE	DANIEL RAYMOND WILE

*In Recreation*

SAMUEL EUGENE HILL	MARYHELEN CECILIA RYAN
JAMES WILLIAM HLAVACEK	JEAN MARIE SUMRALL

**DIVISION OF SPECIAL SERVICES FOR WAR VETERANS****Degree of Bachelor of Science**

DARRELL EUGENE BURCHAM	JAMES WILLIAM LEISTER
HARRY PAUL COCHRAN	FRANK JOHN LUCE
CHARLES EDWARD CONNORS	ROY MARVIN MANNIN
EUGENE ANTHONY COSTABILE	ROBERT EMMIT MATTHEWS
JERRY IVAN DODDS	CALDWELL DONALD MEYERS
PAUL ANTHONY DRISCOLL	JAMES EDWARD MOORE
ERNEST FRANCIS DYNDY	WILLIAM GORDON MOREZ
HENRY LAMAR EATON	ARTHUR JAMES MORGAN
GERALD ALLEN FEHD	WAYNE JESSE PAINTER
EDWARD FREDERICK FREDERKING	ROBERT EDWARD PETERS
THOMAS MICHAEL GARDNER	BILLY GENE PINKSTAFF
JACK HARLAN GERMAINE	VICTOR LAWRENCE PITON
JOHN WILES GORDON	FREDERICK WILLIAM PRATT
DONALD MAURICE GREENLEE	ROBERT FRANCIS REGAN
KENNETH WAYNE HELMICH	NELSON ELBERT ROBERTS
DON THOMAS HODGSON	DAVID LYNN SCHERT
RICHARD EARL HOHL	LYLE EDWARD SYKORA
CARL FORREST HOOVER	JOSEPH LOUIS TOMEI
RONALD CARL JESS	KENNETH LEE VON BEHREN, Honors
BRUCE ROBERT JOHNSON	JESSE OSCAR WEAVER
ROSS ALAN KINGERY	NOEL BIRELY ZABRISKIE

*Degree Conferred at Chicago***COLLEGE OF PHARMACY****Degree of Bachelor of Science in Pharmacy***(Conferred December 20, 1958)*

FRED MYRON BAN

**APRIL AND MAY BOARD MEETINGS**

On motion of Mr. Swain, the Board voted to hold its April meeting in Urbana, on Tuesday, April 14, 1959, at an hour and place to be arranged by the President and Secretary of the Board.

Mr. Herrick suggested that the Board hold one of its spring meetings in Urbana on a Saturday.

On motion of Mr. Swain, the Board voted to hold its May meeting on Saturday, May 16, 1959, at an hour and place to be arranged by the President and Secretary of the Board.

**STATEMENTS BY RETIRING TRUSTEES**

Mr. Bissell, Mrs. Holt, and Mr. Livingston each made a brief statement expressing pleasure in having served on the Board of Trustees, Mr. Livingston since 1941, Mrs. Holt since 1947, and Mr. Bissell since 1953.

On motion of Mr. Bissell, the Board adjourned.

A. J. JANATA  
*Secretary*

PARK LIVINGSTON  
*President*