

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 13, 1951



The June meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 13, 1951, beginning at 6:00 p.m. (C.D.S.T.).

The following members were present: President Livingston, Mr. Forno, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Megrn, Mr. Nickell, and Mrs. Watkins.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Mr. Ralph F. Lesemann, Legal Counsel-elect, Mr. J. F. Wright, Director of Public Information, Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of April 19, 1951, press proof copies of which had been sent to all members of the Board in advance of this meeting.

On motion of Mr. Johnston, these minutes were approved as printed on pages 649 to 685, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board considered the following recommendations and reports presented by President Stoddard.

PURCHASE OF RESIDENCE PROPERTY FOR FACULTY HOUSING

(1) In 1947 the Board of Trustees approved a policy under which the University has purchased residence properties from time to time specifically for the purpose of renting them to new members of the faculty who were being appointed to important positions and whose services could not be secured unless houses could be provided. Subsequently, some of these members of the faculty have purchased or built homes of their own and the houses have been rented to others. In some cases, the houses will be purchased from the University by the occupants.

It now becomes necessary to ask the Board for authority to purchase another house in order to secure the services of a professor whom all concerned recommend as being highly qualified for an important position at the University of Illinois. This position will become vacant at the end of the current academic year. We are not prepared now to make a specific recommendation for a purchase, and I therefore request that the Executive Committee of the Board be authorized to purchase one residence property upon recommendation of the President of the University, supported by an official real estate appraisal.

On motion of Mr. Johnston, the Executive Committee was authorized to purchase one residence property in Champaign or Urbana at a price not to exceed \$25,000, upon recommendation of the President of the University and based on a real estate appraisal. This authorization was given by the following vote: Aye, Mr. Forno, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

PAYMENTS FOR LEGAL SERVICES

(2) Mr. John H. Armstrong, Attorney, Champaign, has submitted a statement of account of \$3,419.84 for legal services rendered and expenses incurred up to June 7, 1951, as special counsel and consultant in connection with the University's contracts with the Warner Construction Company.

Chapman and Cutler, Chicago, have submitted a statement of account of \$4,757.95 for legal services and expenses in connection with the approval of the revenue bonds issued to finance the housing projects in Chicago.

Funds are available for payments of these fees which will be charged against the costs of the projects.

I recommend that these payments be authorized.

On motion of Mrs. Watkins, seconded by Mr. Hickman, payment of these fees was authorized.

APPOINTMENT OF MORELL B. RUSSELL AS PROFESSOR AND HEAD OF THE DEPARTMENT OF AGRONOMY

(3) The Dean of the College of Agriculture recommends the appointment of Dr. Morell B. Russell, now Professor of Soil Science at Cornell University, as Professor and Head of the Department of Agronomy in the College of Agriculture and the Agricultural Experiment Station on indefinite tenure beginning September 1, 1951, at an annual salary of \$10,750 (AY basis).

I concur.

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

APPOINTMENTS TO THE FACULTY

(4) 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. JOHN BARDEEN, Professor of Electrical Engineering and Physics, beginning September 1, 1951, at an annual salary of \$10,000 (A).

2. T. ERNEST NEWLAND, Associate Professor of Education, beginning September 1, 1951, at an annual salary of \$6,500 (B).

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

CHANGES IN CIVIL SERVICE CLASS SPECIFICATIONS

(5) The Director of Nonacademic Personnel submits his annual recommendations for changes in University Civil Service positions to keep the classification plan up to date and to meet the changing needs of the University. His recommendations include: (a) new classifications; (b) classifications to be deleted; (c) revised specifications; (d) changes and corrections in classification titles; (e) changes in classification titles and revision of specifications; and (f) changes in salary ranges of present classifications.

I recommend that the Board approve these changes, effective July 1, 1951.

<i>Position</i>	<i>New Classifications</i>	<i>Salary Range</i>
Accountant-Statistician, Senior.....		\$275-400
Assistant, Bindery.....		Prevailing
Assistant, Physical Research Laboratory.....		375-500
Attendant, Senior Tool Room.....		Prevailing
Clerk III.....		165-280
Clerk II.....		150-200
Clerk I.....		135-165
Clerk, Payroll I.....		150-200
Computer, Technical.....		270-340
Consultant for Women's Housing.....		275-400
Director of Statistical Service Unit, Assistant.....		350-500
Dispatcher, Routing, II.....		150-200
Dispatcher, Routing, I.....		135-165
Dispenser, Optical.....		300-450
Engineer, Senior Accelerator.....		325-400
Engineer, Junior Accelerator.....		275-350
Engineer, Electronics.....		350-500
Engineer, Assistant Instrument and Efficiency.....		250-400
Forelady, Maid.....		Prevailing
Foreman, Bookbindery.....		Prevailing
Foreman, Cylinder Press Room.....		Prevailing
Foreman, Job Press Room.....		Prevailing
Gardener, Landscape.....		265-350
Helper, Routeman.....		200-250
Illustrator, Junior.....		150-225
Laborer, Electrician.....		Prevailing
Laborer, Utility (Chicago).....		Prevailing
Maker, Model.....		350-500
Manager, Creamery.....		300-450
Mechanic, Tool and Instrument.....		Prevailing
Musician (Navy Pier).....		200-280
Officer, Placement.....		250-375
Operator, Assistant Blueprint Machine.....		150-225
Operator, Bookkeeping Machine, II.....		185-250
Operator, Bookkeeping Machine, I.....		160-210
Operator, Duplicating Machine, III.....		200-280
Operator, Duplicating Machine, II.....		150-200
Operator, Duplicating Machine, I.....		135-165
Operator, Assistant Steam Distribution.....		Prevailing
Preparator, Museum.....		225-315
Stenographer, Recording.....		225-350
Superintendent, Mechanical Construction.....		400-650
Technician, Personnel.....		270-400
Technician, Junior Personnel.....		220-285
Tradesman, Skilled		
Cylinder Pressman.....		Prevailing
Ironworker.....		Prevailing

Monotype (Combination) Operator	Prevailing
Offset Pressman	Prevailing
Offset Pressman and Plate Maker, Combination	Prevailing
Platen Pressman	Prevailing
Waitress	Prevailing

Senior Accountant-Statistician

DEFINITION: Under supervision, to perform responsible accounting and budgeting work; to map out and direct the tabulation and statistical treatment of data, to interpret the results thereof and present them in statistical reports; to plan, direct, conduct, and report studies and research on statistical-accountancy problems and on the relationships between statistical and accounting data.

DUTIES BY EXAMPLE: To apply the techniques of accounting in determining unit costs and to develop new cost accounting procedures for major University functions, such as instruction and research; relate such unit cost data statistically to the basic factors which underlie them; interpret accounting records, such as budgets, accountants' reports, reconciliations, and inventory records, and relate them to statistical data and to the measures, derived therefrom; collect, tabulate, and analyze accountancy and statistical data of various types, present the results in both graphic and tabular form, and summarize and interpret such data; originate and plan statistical-accountancy studies and research; supervise the work of statistical and clerical workers; perform related duties as assigned.

QUALIFICATIONS: University graduation, or the equivalent, with training in basic mathematics, fundamentals of statistics, principles of economics and finance, and accountancy through cost accounting, preferably including either institutional or governmental accounting; one year of experience as clerk, bookkeeper, tabulating machine operator, or other work with records, data, and statistical reports; accuracy, integrity, good judgment, supervisory ability; minimum age twenty-one.

Bindery Assistant

DEFINITION: Under supervision of a foreman, to perform routine duties involved in Print Shop Bindery.

DUTIES BY EXAMPLE: To operate stitching machine; collate signatures; check prenumbered forms; gather multiple copies of forms; perform related duties as assigned.

QUALIFICATIONS: Grade school graduation; ability to learn quickly; willingness to cooperate with foreman and other employees; good physical condition; minimum age eighteen.

Physical Research Laboratory Assistant

DEFINITION: Under general direction only, to perform duties requiring a high degree of skill in the design, construction, assembly, and operation of physics research equipment and to supervise others with less skill and experience in similar work.

DUTIES BY EXAMPLE: To design specialized research equipment, including microtomes, cryostats, mechanical testing apparatus, high-temperature ovens, magnets, calorimeters; construct such apparatus in the machine shop; weld, hard and soft solder, and spin metals; operate specialized research apparatus such as high-temperature ovens, large magnets, cryogenic equipment, vacuum systems, cloud chambers, nuclear particle accelerators; assist in the making of electrical, optical, thermal, and mechanical measurements; operate standard and specialized cameras and process photographic materials; supervise others of less skill and experience in the operation of research equipment; advise others of less knowledge and experience concerning the properties of the materials of research; maintain equipment lists and material inventories; maintain records of tests; perform related duties as required.

QUALIFICATIONS: Four years of college work in science or engineering, or equivalent shop and/or research laboratory experience; skill and experience with machine tools and drafting equipment; knowledge of the properties of the materials of research; physical and mental ability to do and to supervise work on precision apparatus in a careful, efficient manner; minimum age twenty-five.

Senior Tool Room Attendant

DEFINITION: Under direction, to be responsible for receipt, issuance, and custody of tools and equipment.

DUTIES BY EXAMPLE: To be responsible for work of employees of lower rank in the tool room; be responsible for custody, issuance, replacement, maintenance, and repair of tools and equipment and maintenance of tool room records as outlined in the Tool Control Manual; assist machinists in shop work as required; be responsible for removal from service of all unsafe, broken, or otherwise defective tools and equipment; perform related duties as assigned.

QUALIFICATIONS: High school graduation preferred; good physical condition; agility; mechanical aptitude; manual dexterity; ability to maintain legible records; pleasant business-like personality conducive to dealing harmoniously with fellow employees; initiative; resourcefulness; minimum age twenty-two.

Clerk III

DEFINITION: Under general supervision, to be responsible for varied and complex clerical work, involving the exercise of independent judgment and/or the supervision of a clerical staff of lower rank.

DUTIES BY EXAMPLE: To supervise and direct the work of a small or moderate-sized clerical unit; compile data for reports; code, classify, file, and direct filing of all materials in a large and complex filing system; give out information as approved by superior; answer routine inquiries; assist in the preparation and maintenance of records, including tabulation and posting of data in various record books; control admission of patients' visitors; operate office machines as required and instruct others in the operation of such machines; prepare materials for mailing; handle cash and other valuables; keep expenditure and income accounts which may include auditing, vouchering, and scheduling invoices, payrolls, and expense accounts; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training preferred; at least one year of responsible clerical experience, preferably in a college or university; typing ability desirable; minimum age twenty.

Clerk II

DEFINITION: Under direct supervision, but with some independence, to perform clerical duties requiring knowledge of office procedures.

DUTIES BY EXAMPLE: To give out information concerning department as approved by superiors; do indexing and filing involving cross indexing and transfer; register patients; keep records; be responsible for petty cash; make transcripts; fill supply orders; do inventory work; compile data and minor statistics; operate office machines as required; prepare tabulations; balance ledgers; check payrolls; do messenger work; check periodicals and bulletins; assist in the making of charts and graphs; check credits and admissions; answer routine inquiries; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training desirable; one year of clerical experience preferable; minimum age eighteen.

Clerk I

DEFINITION: Under close supervision, to perform routine tasks requiring a knowledge of clerical work.

DUTIES BY EXAMPLE: To open, seal, and mail correspondence; file materials as directed; paste labels; wrap packages; answer telephones; perform messenger service; do sorting, checking, calculations, and posting; answer routine inquiries; record grades and other data; operate duplicating machines and office machines as required; assemble duplicated materials; perform related duties as assigned.

QUALIFICATIONS: High school graduation; minimum age sixteen.

Payroll Clerk I

DEFINITION: Under supervision, to assist in maintaining payroll records and in preparing University payrolls.

DUTIES BY EXAMPLE: Assist in the preparation and maintenance of payroll records; post earnings records; maintain files for payroll authorizations, earnings records, time cards, and other related data.

QUALIFICATIONS: High school graduation; typing ability; accuracy and aptitude in handling figures; thoroughness; minimum age sixteen.

Technical Computer

DEFINITION: Under supervision of members of the academic staff, to make numerical computations, including numerical evaluations of integrals and numerical

integration of differential equations in connection with scientific research work carried on by senior staff, or by graduate students.

DUTIES BY EXAMPLE: Solve problems in higher mathematics incidental to investigative development and research work in scientific fields, such as engineering, physics, and astronomy; determine mathematical principles involved and most efficient methodology for solution of problems; operate calculating machines in the solution of problems.

QUALIFICATIONS: University graduation, with master's degree desirable in engineering or mathematics; skill in the operation of various types of calculating machines; evidence of ability to plan work for making numerical computations and evaluations; experience in progressive, responsible mathematical research and techniques; minimum age twenty-five.

Consultant for Women's Housing

DEFINITION: Under direction of Supervisor of Off-Campus Housing, to assist in matters relating to women's housing.

DUTIES BY EXAMPLE: To interview callers seeking general housing information; act as consultant to house directors and sorority officers concerning housing problems such as quotas, standards, and remodeling; confer with Dean of Women regarding physical aspects of housing; review complaints concerning food service and housing standards in privately operated units and recommend solutions; assist in adjusting controversial matters which pertain to physical aspects of housing in privately operated units; supervise the work of a housing visitor; supervise inspection program in privately-owned units accommodating women; compile and distribute information concerning housing for women; assist in preparation of Housing Handbook; supervise preparation of women's housing directory and women's housing statistics; distribute and collect applications for housing in University-owned facilities for single women; participate in College Day programs as requested; attend group meetings of house directors and intersorority council; perform related duties as assigned.

QUALIFICATIONS: University graduation, preferably with some work in sociology, personnel administration, or related subjects; working knowledge of interior decoration and furniture values desirable; ability to carry on correspondence effectively; aptitude for getting along with people and for adjusting controversial matters; minimum age twenty-five.

Assistant Director of Statistical Service Unit

DEFINITION: Under Director of the Unit, to be responsible for the operations of a large tabulating division, for establishing and maintaining involved mechanical tabulation procedures, and for the efficient and economical application of a wide variety of tabulating machine equipment.

DUTIES BY EXAMPLE: To direct the activities of a complex machine tabulating unit; plan work methods and procedures, subject to departmental policies established by the Director; revise procedures, work methods, and forms for the purpose of improving the efficiency of operation and services of the Unit; suggest to, and consult with, higher administrative officers on proposed changes of procedure; make decisions relative to operation of the Unit within the established procedures; plan, assign, and coordinate the work of the Unit; review and study finished reports for accuracy and correct composition; assist other staff members in the solution of difficult problems; perform related duties as assigned.

QUALIFICATIONS: University graduation with major, or special training, in fields of accounting and/or engineering; five years of experience with IBM punch card accounting equipment, including experience on latest model units; preferably three years of this total experience should have been spent in working with a college or university tabulating unit; experience in management and supervisory work highly desirable; ability to wire and operate all types of IBM equipment; ability to conduct classes in operation of IBM equipment; working knowledge of application of all types of IBM equipment; ability to design cards, code forms, and set up procedures; working knowledge of methods, plans, and practices of modern college and university records and statistics; ability to plan and coordinate the work of other tabulating unit employees; ability to deal harmoniously with the faculty and staff; minimum age twenty-eight.

Routing Dispatcher II

DEFINITION: Under immediate supervision, to be responsible for the dispatching of craftsmen for routine maintenance, repair, and/or alteration work on University buildings and grounds.

DUTIES BY EXAMPLE: To receive and dispatch to the appropriate staff and/or craft information relating to requests for service or needed repairs; type work orders and answer inquiries relative to such work; assist Routing Dispatcher III in the setting up of job orders and routine follow-up on such work; assume responsibility for job order work in the absence of Routing Dispatcher III; perform related duties as assigned.

QUALIFICATIONS: High school graduation; special training in typing and clerical work; knowledge of craft jurisdiction and building trades terminology preferable; ability to type accurately and rapidly; at least one year of experience preferably with a building contractor or in a service department of a university or college; tact; ability to cooperate with associates; minimum age eighteen.

Routing Dispatcher I

DEFINITION: Under immediate supervision, to assist in the dispatching of craftsmen for routine maintenance, repair, and/or alteration work on University buildings and grounds.

DUTIES BY EXAMPLE: To receive and dispatch to the appropriate staff and/or craft, information relating to requests for service or needed repairs; type work orders and answer inquiries relative to such work; assist in the maintenance of job order records; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training in typing; some knowledge of craft jurisdiction and building trades terminology preferable; high clerical aptitude; tact; ability to cooperate with associates; minimum age sixteen.

Optical Dispenser

DEFINITION: Under supervision of the Chief Ophthalmologist, to be in charge of the Optical Dispensary.

DUTIES BY EXAMPLE: To be in charge of the dispensing of glasses; to supervise employees assigned to this unit; supervise the residents in Ophthalmology in the dispensing of glasses; keep records; give assistance in problems relating to refraction and various optical instruments to members of the department of Ophthalmology; have custody of supplies and equipment; keep inventory; prepare reports; perform related duties as assigned.

QUALIFICATIONS: High school graduation; at least three years of post-high school education with special emphasis on physical optics; at least one year of practical experience in optical dispensing; supervisory ability; minimum age twenty-three.

Senior Accelerator Engineer

DEFINITION: Under general supervision of research staff, but with a great degree of direct responsibility, to operate and maintain high-energy accelerators.

DUTIES BY EXAMPLE: Assist research staff in setting up and performing experiments; schedule operating personnel; maintain the accelerators; make changes and adjustments as are necessary; under direction of physicists, be responsible for rebuilding and making modifications as need requires; build, or supervise the building of, such auxiliary research apparatus as cloud chambers and analyzer magnets; assist in solving major design problems relating to nuclear physics.

QUALIFICATIONS: University graduation with degree in engineering, preferably in physics or electrical engineering; at least three years' experience in electronics or physics; ability to formulate high standards of workmanship and materials; thoroughness; ability to organize, assign, and direct work; accuracy; resourcefulness; good judgment; good physical condition; minimum age twenty-five.

Junior Accelerator Engineer

DEFINITION: Under supervision of Senior Accelerator Engineer, to assist in the operation and maintenance of an accelerator.

DUTIES BY EXAMPLE: Under the direction of the Senior Accelerator Engineer, to assist research staff in setting up and performing experiments; schedule operating personnel; maintain the accelerators; make changes and adjustments as are neces-

sary; under direction of physicists responsible for rebuilding and making modifications as need requires; build or supervise the building of such auxiliary research apparatus as cloud chambers and analyzer magnets; assist in solving major design problems relating to nuclear physics.

QUALIFICATIONS: University graduation with degree in engineering, preferably in physics or electrical engineering, or an equivalent amount of practical experience; alertness; some degree of manual skills; working knowledge of electronics; good judgement; good physical condition; minimum age twenty-two.

Electronics Engineer

DEFINITION: Under administrative supervision, to plan, develop, and test new types of electronic circuits of advanced design for use in nuclear physics or other specialized fields.

DUTIES BY EXAMPLE: To suggest and develop new or improved circuit designs required in instrumentation for research; be in charge of the electronics shop; supervise circuit development and construction work by electronics technicians; instruct electronics technicians in circuit design and use of specialized electronic instruments; consult with senior staff on design of equipment for use in their research problems; be responsible for maintenance and repair by the electronics shop of electronic circuits and equipment used in research.

QUALIFICATIONS: Bachelor's degree in physics or electrical engineering; master's degree preferred; extensive experience in actual design and construction of electronic equipment such as radio, radar, and scientific electronic equipment; thorough understanding of, and competence in the use of, electronic instruments; good physical condition; dependability; good judgment; minimum age twenty-five.

Assistant Instrument and Efficiency Engineer

DEFINITION: Under the direct supervision of the Instrument and Efficiency Engineer, to perform duties related to the efficient operation of power plant equipment.

DUTIES BY EXAMPLE: To collect and tabulate daily power plant reports; to take and compile meter readings of steam, gas, and electrical consumption of buildings on the Urbana campus; to compute and record the steam, gas, and electrical consumption of such buildings; to prepare graphs and charts of operating data; assist the Instrument and Efficiency Engineer in efficiency tests for power plant equipment such as boilers, turbines, pumps, and dust collector system; do coal sampling, preparation, and tests; make coal storage temperature tests and records; perform related duties as assigned.

QUALIFICATIONS: High school graduation and two years of experience on tests and efficiency work in a power plant having operating steam pressure of 200 pounds per square inch or higher; specialized education in combustion engineering may be substituted for one year of experience on tests and efficiency work; graduation from a recognized college or university in mechanical engineering desirable; general knowledge of power plant instruments and of methods and procedures to make combustion and efficiency calculations; good health; minimum age twenty-one.

Maid Forelady

DEFINITION: Under direction, to supervise a group of custodial employees and to perform domestic duties.

DUTIES BY EXAMPLE: To assign specific custodial duties; check time cards and attendance records of employees; inspect work; train employees in proper methods and procedures in cleaning; assist in emergency where help is needed for cleaning; lock and unlock doors and buildings as directed; assist in supervision of linen and sewing ladies as directed; supervise preparation for special events; perform related domestic duties.

QUALIFICATIONS: High school graduation preferred; at least three years of janitorial experience; experience in a custodial supervisory capacity preferred; good physical condition; dependability; tact; integrity; ability to handle women and to instruct them as directed; minimum age twenty-five.

Bookbindery Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for the work of skilled tradesmen in the Print Shop bindery.

DUTIES BY EXAMPLE: To supervise and manage the work of Print Shop bindery; train and instruct bindery assistants and apprentices; perform skilled work of trade; check time and materials; maintain machinery; plan work of department; supervise its execution and assume responsibility for timely delivery.

QUALIFICATIONS: High school graduation; at least seven years' experience in designated trade or craft; ability to lead and supervise bindery employees; good physical condition; good judgment; minimum age twenty-eight.

Cylinder Press Room Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for the work of skilled tradesmen in cylinder press room.

DUTIES BY EXAMPLE: To supervise and manage the work of the cylinder press room; maintain printing presses and other press room equipment; train and instruct apprentices; check time and materials; plan work of department and check its quantity and quality.

QUALIFICATIONS: High school graduation; at least seven years' experience in designated trade or craft; ability to lead and supervise men; good physical condition; good judgment; minimum age twenty-eight.

Job Press Room Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for the work of skilled tradesmen employed in job press work.

DUTIES BY EXAMPLE: To supervise and manage the work of the job press room; maintain printing presses and other press room equipment; train and instruct apprentices; check time and materials; plan work of department and check its quantity and quality.

QUALIFICATIONS: High school graduation; at least seven years' experience in designated trade or craft; ability to lead and supervise men; good physical condition; good judgment; minimum age twenty-eight.

Landscape Gardener

DEFINITION: Under supervision, to perform technical duties involving skill and experience in landscape design.

DUTIES BY EXAMPLE: To take field measurements, and prepare working drawings and estimates for landscape plantings, including site improvements and garden design; make field lay-out from planting plans and/or specifications, and supervise installation of plants; make arrangements for, and supervise installation of palms, ferns, and flowers required for public functions; maintain inventory records required in connection with the operation of University nurseries; perform related duties as assigned.

QUALIFICATIONS: High school graduation; special training in landscape architecture, with at least three years of experience in landscape design and drafting work; University education in landscape architecture may be substituted year for year for experience up to a maximum of two years; ability to perform site improvement drafting work and detailed planting plans; knowledge of the characteristics and arrangement of flowers and materials required for indoor and outdoor floral arrangements; accuracy, thoroughness; pleasant personality; minimum age twenty-three.

Routevan Helper

DEFINITION: Under general supervision of a receiving station supervisor, and direct supervision of a driver, to assist in loading and unloading trucks for route deliveries from a central receiving station.

DUTIES BY EXAMPLE: To assist drivers in the general distribution of materials for truck route deliveries; load trucks at beginning of trip and unload when trip is finished; run deliveries from truck to departmental location or warehouse as directed; obtain receipts; record any shortages or breakage on proper forms; and report same upon completion of deliveries; assist with receipt of merchandise at dock; check materials; assist in checking purchase orders; perform related duties as assigned.

QUALIFICATIONS: High school graduation; experience in University Stores preferable; good health; male; minimum age eighteen.

Junior Illustrator

DEFINITION: Under immediate supervision, to make tracings and free-hand drawings for simple duplicating processes, such as mimeographing and multilithing.

DUTIES BY EXAMPLE: To make free-hand drawings and tracings of charts, graphs, maps, and illustrations on mimeograph stencils and multilith masters for use in classroom manuals, programs, newsletters, and bulletins; do some designing and lettering of signs and posters.

QUALIFICATIONS: High school graduation; ability and/or training in art; ability to do lettering; accuracy; minimum age sixteen.

Electrician Laborer

DEFINITION: Under supervision, to clean lighting fixtures and to replace light bulbs and fixture glassware.

DUTIES BY EXAMPLE: To wash fixture glassware and reflectors; replace broken or damaged glassware; replace lamps and fluorescent lamp starters; assist electricians in moving equipment, in cleaning areas, and in miscellaneous duties as assigned.

QUALIFICATIONS: Grade school graduation; good physical condition; ability to climb and work from ladders; initiative and ability to work without direct supervision; presentable appearance; tact; courtesy; good judgment; minimum age eighteen.

Utility Laborer (Chicago)

DEFINITION: Under direction of an Operating Engineer, to perform physical labor in connection with the operation, maintenance, and repair of heating plants and mechanical equipment in buildings.

DUTIES BY EXAMPLE: To perform unskilled labor incidental to, and necessary for, the operation of mechanical equipment, including the cleaning of equipment and equipment areas, such as wiping off equipment, sweeping and mopping of floors, and cleaning of pipes; operate ash and coal handling equipment, move coal, ashes, and supplies; assist in the maintenance of mechanical equipment, such as the cleaning of boilers and condensers; assist in the repair of boilers and mechanical equipment, such as pumps, compressors, fans, etc.; perform related duties as assigned.

QUALIFICATIONS: High school graduation or equivalent; good physical condition; working knowledge of tools and equipment; sufficient mechanical aptitude to assist in repairing equipment; dependability; willingness to perform duties as directed; minimum age eighteen.

Model Maker

DEFINITION: Under general direction, to do precision work requiring a high degree of mechanical, construction, and electrical skill in the development of scientific equipment, and to supervise employees of lower rank.

DUTIES BY EXAMPLE: Make complete full-scale working models of electrical devices for purposes of research; develop, design, and build experimental equipment requiring the use of precision instruments; perform skilled mechanical work of fine tolerances; repair, adjust, and regulate scientific instruments; calibrate instruments to coincide with standards; construct from blueprints and written specifications; skillfully use all machinists' hand tools, including those of micro-measurement; perform lathe work with precision tolerances; shape metal parts to precision dimensions; perform work in the constructional phases of two digital computing, or other related machines, electronic chassis lay-out, and other related functions; exercise technical supervision of laboratory employees, electronic technicians, and other skilled personnel; perform related specialized skills as required.

QUALIFICATIONS: High school graduation; additional technical training desirable; extensive experience in specialized use of machine and instrument tools requiring precision dimensions; specialized knowledge of constructional phases of models; at least five years' experience in the design and construction of precision instruments; complete knowledge of shop mathematics, of all machinists' tools, including calipers, micrometers, and gauges; supervisory and administrative ability; resourcefulness; good judgment; minimum age twenty-five.

Creamery Manager

DEFINITION: Under administrative direction, to be responsible for the efficient management of creamery operations.

DUTIES BY EXAMPLE: To plan, schedule, and supervise work of creamery employees; determine supply needs; plan and schedule operations in accordance with supply and demand for processed dairy products, in accordance with research activities of faculty and students, and in accordance with needs of dairy technology courses; maintain high standards of plant sanitation; care for and maintain all creamery equipment, including refrigeration plant; operate and instruct others in the operation of mechanical refrigeration equipment; perform and instruct others in the performance of all operations connected with butter making, ice cream production, and cheese manufacture; operate equipment used in making standard tests of dairy products; confer with dairy plant managers and operators, as well as other visitors, on operating and equipment problems.

QUALIFICATIONS: University graduation, with major in dairy technology, preferable; educational qualifications may be offset by experience in dairy manufacturing substituted year for year up to a maximum of four years; five years' experience in the manufacture of dairy products; knowledge of operation of mechanical refrigeration equipment, of processes involved in the production of butter, ice cream, and cheese, and of equipment used in standard tests on dairy products, essential; certification by University Health officer as food handler; male; minimum age twenty-six.

Tool and Instrument Mechanic

DEFINITION: Under supervision of a foreman, to perform work requiring machinist skill developed to a high degree.

DUTIES BY EXAMPLE: To perform skilled work as a machinist; install, repair, construct, develop, and calibrate a variety of machine shop tools, dies, jigs, gauges, instruments, gears, fixtures, and perform difficult machine operations on replacement parts; make parts and assemble new equipment as sketched out by others, operate precision instruments; exercise judgment to diagnose trouble, determine necessary repair, tear down and reassemble machines; perform fine instrument work such as required for microscopes, telescopes, and other precision instruments.

QUALIFICATIONS: Grade school education; vocational training desirable; sufficient experience to qualify as a journeyman machinist with minimum of five years of actual work at the trade; elementary knowledge of materials and heat treatment of metals; proficiency in the use of tools and equipment; ability to read and interpret complex drawings, sketches, and diagrams characteristic to machine shops; use shop mathematics, charts, tables and handbook formulas; must have skill to work to close tolerances and to use precision instruments; good physical condition; minimum age twenty-three.

Musician (Navy Pier)

DEFINITION: Under departmental supervision, to accompany classes engaged in rhythm activities and to provide music for student extracurricular functions.

DUTIES BY EXAMPLE: To accompany classes in modern dance, square dancing, and folk dancing; play for dance concerts and other special occasions; practice with instructors for class lessons; select and/or suggest music for concerts and classes.

QUALIFICATIONS: Rapid sight reader of classical music; keen sense of rhythmic timing; ability to accompany an instructor or a class in the required tempo; ability to deal with individuals and groups harmoniously; knowledge of, and training in the use of, classical music libraries.

Placement Officer

DEFINITION: Under administrative direction, but with the exercise of considerable independent judgment, to be responsible for an employment program for student or nonacademic positions.

DUTIES BY EXAMPLE: To interview applicants for employment; assist applicants in filling out application forms; answer questions and supply information regarding University employment policies and requirements; file applications; make reports supplying information on present employees or new applicants as requested; work with Civil Service section in assigning applicants from eligible registers; arrange interviews for applicant with employing official; write letters to references indicated on applications; call applicant on telephone requesting him to report for work or rejecting his application; determine eligibility with regard to education, quality of training and experience, citizenship and other factors if candidates from registers are not available; examine personal identification papers, such as birth certificates

and veteran's preference and naturalization papers; interview job applicants from viewpoint of an employer to ascertain what work is best suited for his particular abilities; make contacts with department heads or employing agency to ascertain requirements of position; become thoroughly acquainted with job classifications, salary ranges, essential elements of the job, position control, future requirements, and condition of the labor market; make studies of employment possibilities; contact employers to sell them services of the personnel office; select applicants best suited to the position and refer them to the employer or department head for consideration and selection; complete necessary follow-up procedures if the person is employed; advise applicants as to type of work for which they are best fitted; occasionally supervise a clerical staff assigned to assist in this work.

QUALIFICATIONS: University graduation, or training and experience which offsets lack of college degree; practical experience in a personnel program desirable; thorough knowledge of interview practices and procedures; administrative ability; tact; integrity; ability to deal effectively and harmoniously with the general public, employers, faculty, and staff; minimum age twenty-one.

Assistant Blueprint Machine Operator

DEFINITION: Under supervision, to assist in blueprinting and in Ozalid positive printing.

DUTIES BY EXAMPLE: To assist in making blueprints; in operating the Ozalid black line machine; in making black line, brown line, blue line and other positive prints on the Ozalid machine.

QUALIFICATIONS: High school graduation; experience in blueprinting preferable; good physical condition; minimum age eighteen.

Bookkeeping Machine Operator II

DEFINITION: Under administrative supervision, to be responsible for the operation of bookkeeping machines and related functions.

DUTIES BY EXAMPLE: To be able to operate, with minimum supervision, bookkeeping machines, typewriters, adding machines, and other machines necessary in an accounting office; to supervise others in the operation of such machines and in procedures relating to accounts; to answer questions from the public as to University accounts; to perform highly technical work required by use of bookkeeping machines; be responsible for the clerical and mechanical duties related to the operation of such machines; make reports; keep records; perform related supervisory work as required.

QUALIFICATIONS: High school graduation; at least two years' experience in the operation of bookkeeping machines; supervisory ability; high clerical aptitude; dexterity as required; minimum age twenty.

Bookkeeping Machine Operator I

DEFINITION: Under supervision, to perform work requiring skill in the operation of standard bookkeeping machines.

DUTIES BY EXAMPLE: Under supervision, to operate bookkeeping machines; prepare material for posting; filing; operate a typewriter; keep records; perform related duties as assigned.

QUALIFICATIONS: High school graduation; special training and proficiency in the operation of bookkeeping machines desirable; high clerical aptitude; manual dexterity; minimum age sixteen.

Duplicating Machine Operator III

DEFINITION: Under supervision, to be responsible for, and to perform, complicated duplicating operations.

DUTIES BY EXAMPLE: To operate duplicating machines such as mimeograph, ditto, multilith, and multigraph; train and supervise subordinates in the proper operation, adjustment, and care of duplicating, paper cutting, folding, and punching machines; make adjustments and repairs to, and operate and care for, said machines; requisition necessary supplies; be responsible for files; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training and proficiency in the operation of duplicating machines; at least one year of experience in operation of duplicating machines; mechanical ability; supervisory ability; good health; minimum age twenty-one.

Duplicating Machine Operator II

DEFINITION: Under supervision, to perform work requiring knowledge and skill in the operation of duplicating machines and in related clerical work.

DUTIES BY EXAMPLE: To operate duplicating machines such as the mimeograph, ditto, multilith, and multigraph, on a volume production basis; operate paper cutting and hole perforating machines; oil, clean, and perform minor repairs on machines and keep them in good working order; keep records; do filing of stencils, plates, cards, etc.; maintain stores and supplies; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training and proficiency in the operation of duplicating machines; at least six months' experience operating duplicating machines; mechanical ability; minimum age eighteen.

Duplicating Machine Operator I

DEFINITION: Under direct supervision, to perform routine clerical work, and to operate, adjust, and care for the simpler types of duplicating machines.

DUTIES BY EXAMPLE: To operate stencil duplicating machines on a volume production basis; file stencils; cut addressograph plates; operate paper cutting and hole perforating machines; clean, oil, and care for machines; store supplies; assemble reproduced pages into single copies of manuals and leaflets; perform related work as assigned.

QUALIFICATIONS: High school graduation; special training and proficiency in the operating of machines desirable but not required; mechanical aptitude; good health; minimum age sixteen.

Assistant Steam Distribution Operator

DEFINITION: Under direct supervision, to assist in the servicing and operation of heating, ventilating, air conditioning, and other mechanical equipment in buildings and on the campus distribution system.

DUTIES BY EXAMPLE: To assist in the servicing and operation, to the extent mechanical aptitude and experience will permit, of building steam supply valves, air-conditioning equipment, ventilating fans, and other mechanical equipment; inspect, service, and operate tunnel piping and allied equipment such as traps, condensate meters, vacuum and condensation pumps, expansion joints, pressure regulating valves, etc.; cleaning, oiling, greasing, and packing equipment; perform related duties as assigned.

QUALIFICATIONS: Grade school education, high school education desirable; high mechanical aptitude; some mechanical experience; good personal appearance; ability to perform duties in public places with a minimum of disturbance; good judgment; tact; dependability; minimum age twenty.

Museum Preparator

DEFINITION: Under the supervision of the head of a department and/or members of the departmental staff, to be responsible for carrying out the plans and details required in the preparation and maintenance of specimens, records, and equipment for a teaching museum.

DUTIES BY EXAMPLE: Preparation and mounting of gross anatomical specimens (special dissections, fetuses, etc.) in museum jars; embedding of gross anatomical specimens (sections of adult and foetal bodies, stained brain sections, corrosion preparations, bones, etc.) in transparent plastics; preparation of cleared (Spalteholz method) specimens; making of corrosion preparation (of circulation, bronchial tree, duct systems, etc.) of vinylite, Wood's metal, etc.; constructing three-dimensional wax models from serial sections of human embryos; repairing museum specimens, demonstrated in the laboratory; labelling and cataloging of specimens; restoring "stained" glass windows in the Anatomy Museum; assisting in preparation and demonstration of special exhibits at scientific meetings; keeping the specimens in the museum cases in their proper order, and making castings of anatomical models in plastic.

QUALIFICATIONS: College degree, or two years' college training in biological sciences and two years' experience in a museum preparatory laboratory; training in medical illustration preferable; initiative; technical aptitude; good health; neat appearance; pleasing personality; minimum age twenty-one.

Recording Stenographer

DEFINITION: Under supervision, and on call, to perform stenographic duties for University departments requiring ability to make and to transcribe verbatim reports and to use mechanical devices in connection with this work.

DUTIES BY EXAMPLE: To take and to transcribe verbatim records of conferences, hearings, interviews, lectures, and speeches, which may involve technical and varied vocabulary; perform stenographic services for University departments as requested; transcribe from tape and wire recorders and from recording disks; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business education preferable; at least three years of stenographic experience, the principal duty of which was to take verbatim dictation involving difficult and varied vocabulary; extensive knowledge of shorthand, stenotype, or other method of taking dictation; ability to take sustained dictation at a high rate of speed; ability to transcribe rapidly and accurately; good health; minimum age twenty-one.

Mechanical Construction Superintendent

DEFINITION: Under administrative supervision, to be responsible for the direction, inspection, and supervision of the work of contractors on major University mechanical construction projects, including power plant, steam distribution, and building heating, ventilating, and refrigeration systems.

DUTIES BY EXAMPLE: To direct, inspect, and supervise work being done by contractors on mechanical installations for new buildings, power plant and steam distribution additions, and on building remodeling projects; direct field performance tests; interpret architects' and engineers' drawings and specifications; act as liaison between contractors, architects, engineers, and the University; maintain progress records and reports of work in process; check, verify, and process contractors' requests for payments; perform related duties as assigned.

QUALIFICATIONS: Extensive and progressive practical experience in responsible charge, including direction, inspection, and supervision of the mechanical equipment installations and heavy masonry erection; University graduation in mechanical engineering preferred; high school graduation acceptable with exceptional practical training and experience in the above work; ability to coordinate work of contractors; thorough knowledge of construction, materials, procedures, and acceptable practices; good physical condition; minimum age thirty.

Personnel Technician

DEFINITION: Under administrative direction, to work with much independence in responsible personnel work, involving special technical and limited supervisory duties.

DUTIES BY EXAMPLE: To prepare examination formats, develop examination questions, perform necessary statistical analyses of examination results; act as monitors in the holding of examinations, assist and supervise in grading of examinations and preparation of registers; assist in position classification studies; make recommendations relating to classification studies or to allocation of individual positions; confer with departmental officials and make independent desk audits in various departments; identify job elements, and analyze the duties of positions into major elements; make organization and methods studies to ascertain the needs of departments for new personnel, reduction of personnel, and reclassification of existing personnel; give advice and assist unit training supervisors with an organized in-service training program; prepare methods for presenting training material in the form of visual aids, manuals, and bulletins; perform various tasks in assembling and preparing examinations, do research in testing, evaluation of quality of experience and training, classification, oral interviews, and rating schedules; do research in unassembled examinations for classifications of higher levels by making studies of standards to be used, methods of evaluating education, training and experience, and establishing necessary rating schedules; perform related work as assigned.

QUALIFICATIONS: University graduation, with training in personnel work desirable; working knowledge of methods and techniques of examination, in-service training, service rating methods, or position classification; working knowledge of institutional organization and the types and essential aspects of a wide variety of positions common in public organization; familiarity with day-to-day departmental operating problems in institutional organization; experience in technical personnel work desirable; good judgment; minimum age twenty-one.

Junior Personnel Technician

DEFINITION: Under administrative direction and supervision to perform one or more phases of personnel operation, such as classification, training, examination analyses, and conducting student tests, in a central or departmental personnel unit.

DUTIES BY EXAMPLE: To perform necessary statistical analyses of examination results; act as monitor in the holding of examinations; assist in grading examinations and the preparation of eligible lists; execute various tasks in assembling and preparing examinations; aid in research projects related to testing; prepare examination material; conduct oral interviews; prepare flow charts; maintain calendar of examinations; refer students and other interested people to the proper counselor for interview relative to vocational guidance; perform related work as assigned.

QUALIFICATIONS: University graduation, with training in personnel work preferable; working knowledge of personnel methods and techniques as required; experience in technical personnel work desirable; ability to deal effectively and harmoniously with the general public, faculty, and staff; minimum age twenty-one.

Cylinder Pressman

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in the operation of a cylinder press.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Cylinder Pressman.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Ironworker

The classification of Ironworker is to be added to the trades listed under the specification for Skilled Tradesman.

Monotype (Combination) Operator

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in Monotype (Combination) operation.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Monotype (Combination) Operator.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Offset Pressman

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in offset printing.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Offset Pressman.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Combination Offset Pressman and Plate Maker

DEFINITION: Under supervision, to perform duties involved in making plates for and operating offset press under 17"x22" make.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Combination Offset Pressman and Plate Maker.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Platen Pressman

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in the operation of a platen press.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Platen Pressman.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual

work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Waitress

DEFINITION: Under supervision, to be responsible for serving meals.

DUTIES BY EXAMPLE: To set up tables; arrange service stands with needed equipment and supplies; replenish supplies when necessary; study daily menus and be familiar with menu terms and prices; take customer's orders and fill them from the proper serving stations; add checks and make proper collections and change; clear tables and reset them; perform related duties as assigned.

QUALIFICATIONS: Grade school graduation; high school graduation preferable; at least one year of experience as a waitress; ability to pass food handler's examination; minimum age eighteen.

Classifications To Be Deleted

Attendant, Main Desk	Clerk, Supervising Medical Record
Clerk, Senior	Clerk, Ward
Clerk, Junior	Clerk-Stenographer, Supervising
Clerk, Assistant	Director of Occupational Therapy, Clinical
Clerk, Senior Account	Engineer, Assistant Power Plant Mechanical
Clerk, Junior Account	Horticulturist, Park
Clerk, Assistant Account	Laborer, Food Service Utility
Clerk, Senior File	Manager, Food Service (Residence Halls)
Clerk, Junior File	Manager, Food Service Assistant
Clerk, Assistant File	Matron, Assistant
Clerk, Chief Information	Mechanic Helper, Refrigeration
Clerk, Information	Operator, Senior Office Appliance
Clerk, Inventory	Plate Maker, Assistant
Clerk, Mailing	Repairman Helper, Power Plant
Clerk, Junior Operations	Secretary, Senior
Clerk, Senior Record	Supervisor, Intake
Clerk, Junior Record	Supervisor, Office
Clerk, Assistant Record	Supervisor of Occupational Therapy
Clerk, Statistical	Supervisor of Occupational Therapy, Assistant
Clerk, Stock Records	Supervisor of Off-Campus Housing, Assistant
Clerk, Supervising File	

Revised Specifications

Senior Printing Assistant

DEFINITION: Under direction of the Superintendent of Print Shop, to perform duties involving professional knowledge of the printing trade.

DUTIES BY EXAMPLE: To write job tickets; prepare copy and layouts; approve press proofs; handle offset printing jobs; supervise proof room employees; meet and work with persons requesting service from the University Print Shop; handle routine correspondence; perform related duties as assigned.

QUALIFICATIONS: High school graduation; college graduation preferable; five years' print shop experience; ability to typewrite; aptitude for attention to detail; good personality and ability to work with people; clerical aptitude; minimum age twenty-five.

Senior Purchasing Assistant

DEFINITION: Under supervision, to perform responsible duties involved in making University purchases.

DUTIES BY EXAMPLE: To secure quotations; maintain price lists and discount sheets; review quotations; contact departments regarding purchasing problems and needs; maintain commodity lists; interview salesmen as requested; supervise clerical workers; perform related duties concerning the selection of materials and their purchase as assigned.

QUALIFICATIONS: High school graduation; two years of college work, with college graduation desirable; three years of full-time experience in purchasing work; supervisory ability; tact; integrity; pleasing personality; minimum age twenty-five.

Junior Purchasing Assistant

DEFINITION: Under supervision, to assist in the performance of responsible duties involved in making University purchases.

DUTIES BY EXAMPLE: To check requisitions and purchase orders; be responsible for catalog file; assist in securing and reviewing of quotations; assist in maintaining commodity lists, price lists, and discount sheets; contact departments regarding purchasing problems and needs; perform related duties concerning the selection of materials and their purchase as assigned; process invoice vouchers for payment, verifying that prices are in agreement with terms of purchase; apply and/or secure proper credit for any material returned to the vendor; assist in the investigation and clarification of accounts with vendors.

QUALIFICATIONS: High school graduation; two years of college work, with training in business desirable; some experience in purchasing work desirable; full-time experience in purchasing work may be substituted year for year for college training; good judgment; integrity; minimum age twenty-two.

Bookbinding Worker

DEFINITION: Under supervision of a foreman, to perform skilled duties involved in the Print Shop bindery.

DUTIES BY EXAMPLE: To "set up" and operate folding machines; cut paper properly without waste; trim books; compress books; perform manual duties such as check binding, covering, counting, wrapping, packing, inserting, folding and collating books; perform related duties as directed.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of four years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-one.

Chief Clerk

DEFINITION: Under administrative supervision, to assist in administrative responsibilities, as well as in clerical operations, in connection with an administrative or academic unit, exercising original judgment, discrimination, and independent thought.

DUTIES BY EXAMPLE: To be responsible for the operation of an office and supervision of office staff; attend departmental staff meetings; develop and initiate office forms and procedures; suggest ways of improving departmental procedures; assist superior in making decisions on personnel problems; perform minor research or statistical work where required; collect data and prepare final reports, as well as rough drafts; answer correspondence and sign superior's name to same, as well as on forms, requisitions, vouchers, and similar papers; do considerable independent work in budget preparation and in keeping budget accounts; give out authoritative information; relieve immediate superior in handling many personal contacts; counsel and assist students; schedule and arrange appointments and conferences for superior; be responsible for the safety, repair, maintenance, and inventory of departmental equipment, and for the safety and security of departmental records, cash, and valuable documents; perform related duties as assigned.

QUALIFICATIONS: University or college graduation required, unless offset by experience of special value and significance; three years administrative office experience, preferably in a university or college; typing ability desirable; minimum age twenty-three.

Copyholder

DEFINITION: Under direct supervision of Senior Proofreader, to perform routine copyholding duties.

DUTIES BY EXAMPLE: To arrange copy; read copy to proofreader; call out all punctuation marks; call attention to discrepancies in printed copy and original manuscript; follow through original copy word for word; assist in revising and checking proof; perform routine duties as assigned.

QUALIFICATIONS: High school graduation; college training desirable; thorough knowledge of grammar, spelling, and punctuation; clear, well-modulated voice; ability to follow instructions; minimum age eighteen.

Photo-Offset Foreman

DEFINITION: Under direction of Superintendent of Print Shop, to supervise and be immediately responsible for skilled tradesmen engaged in offset printing.

DUTIES BY EXAMPLE: To perform, and to direct others in performing, the various operations of offset printing; be responsible for the care of machines and for work

rooms under his supervision; be responsible for the quality of completed work done under his direction.

QUALIFICATIONS: High school graduation; at least seven years of practical job training required; ability to lead and supervise men; good physical condition; good judgment; minimum age twenty-eight.

Assistant Food Production Manager

DEFINITION: Under supervision, to be responsible for the production and service of food.

DUTIES BY EXAMPLE: To assist in supervising the preparation and service of food; assist in planning of menus; schedule personnel; check, order, and requisition foodstuffs and supplies; keep records of food costs; plan and supervise the general housekeeping and sanitation of the kitchens, dining rooms, and all adjacent areas; at all times be able to substitute for the Food Production Manager or Food Service Manager.

QUALIFICATIONS: High school graduation; at least two years of college training in home economics and several years of experience in kitchen supervision or graduation from an accredited college with a major in home economics and one year of experience in kitchen supervision; supervisory ability; good judgment; good health and physical condition; ability to pass food handler's examination; minimum age twenty-two.

Manager of Photographic Laboratory

DEFINITION: Under supervision of the Dean of Division of Communications, to be responsible for the efficient and financially successful operation of the photographic and blueprinting laboratory.

DUTIES BY EXAMPLE: To plan and supervise the work of all employees of the department; be responsible for all photographic work going through the department including taking of photomicrographs, sound, and silent motion picture photographs; prepare lantern slides; print photographs; supervise receipt of orders and deliveries; be responsible for charges and collections, records, reports, payrolls, and budgets; supervise blueprinting and photostating; perform or supervise highly technical work in photography; be responsible for maintenance of equipment; perform related duties as assigned.

QUALIFICATIONS: High school graduation; thorough knowledge of photography and blueprinting, at least two years of experience in supervision of photographic and blueprinting work; ability to take good pictures with all types of photographic equipment; tact; integrity; good health; ability to deal harmoniously with faculty and staff; minimum age twenty-five.

Steam Distribution Operator

DEFINITION: Under supervision, to service and operate heating, ventilating, air conditioning, and other mechanical equipment in buildings and on the campus distribution system.

DUTIES BY EXAMPLE: To service and operate building steam supply valves, air-conditioning equipment, ventilating fans, and other mechanical equipment; inspect, service, and operate tunnel piping and allied equipment such as traps, condensate meters, vacuum and condensation pumps, expansion joints, pressure regulating valves, etc.; clean, oil, grease, and pack equipment; perform related duties as assigned.

QUALIFICATIONS: Grade school education; high school education desirable; training in operation of mechanical equipment; four years' experience as Assistant Steam Distribution Operator or equivalent; high mechanical aptitude; good physical condition; good personal appearance; ability to perform duties in public places with a minimum of disturbance; good judgment; tact; dependability; minimum age twenty-four.

Assistant Photographer

DEFINITION: Under general supervision, to do independent work requiring skill and training in photography.

DUTIES BY EXAMPLE: To print photographs; make lantern slides; engage in photomicrography of both live and inanimate specimens; act as motion picture cameraman; operate 16 mm. camera for animation; develop and print negative, positive, and reversal 16 mm. films; make studio portraits; assist in photographic

experiments; supervise assistants; perform related duties in the photographic laboratory as directed.

QUALIFICATIONS: High school graduation; thorough knowledge and training in photography; at least three years of experience in photographic work; good physical condition; tact; pleasing personality; minimum age twenty-one.

Senior Proofreader

DEFINITION: Under supervision of Superintendent of Print Shop, to be responsible for and to perform proofreading duties, including supervision of work of Junior Proofreaders and Copyholders.

DUTIES BY EXAMPLE: To supervise the work of Junior Proofreaders and Copyholders; distribute manuscripts to proofreaders; proofread books, pamphlets, and other manuscripts; revise and check page and press proofs; review printer's proof for appearance, style, spacing, and pagination; perform related duties as assigned.

QUALIFICATIONS: High school graduation; college training desirable; at least six years of full-time experience in proofreading; college training accepted year for year up to a maximum of four years in lieu of required experience; thorough knowledge of editorial symbols; accuracy; thorough knowledge of English usage, grammar, and spelling; thoroughness; supervisory ability; minimum age twenty-five.

Junior Proofreader

DEFINITION: Under direction of Senior Proofreader, to perform proofreading work.

DUTIES BY EXAMPLE: To review manuscripts and printed matter for typographical errors; revise and check proofs; mark corrections on page and press proofs; perform related duties as assigned.

QUALIFICATIONS: High school graduation; college training desirable; four years of full-time experience in proofreading work; college training accepted year for year up to three years in lieu of experience required; knowledge of editorial symbols; thorough knowledge of English usage, grammar, and spelling; accuracy; thoroughness; minimum age twenty-one.

Secretary

DEFINITION: Under administrative supervision, to assist in administrative, as well as secretarial responsibilities, in connection with the operation of an administrative or academic unit, exercising original judgment, discrimination, and independent thought.

DUTIES BY EXAMPLE: To be responsible for the operation of an office and supervision of office staff; attend departmental staff meetings; develop and initiate office forms and procedures; suggest ways of improving departmental procedures; assist superior in making decisions on personnel problems; perform minor research or statistical work where required; collect data and prepare final reports, as well as rough drafts; take and transcribe difficult and complex dictation; prepare correspondence and sign superior's name to same, as well as on forms, requisitions, vouchers and similar papers; do considerable independent work in budget preparation and in keeping budget accounts; give out authoritative information; relieve immediate superior in handling many personal contacts; counsel and assist students; schedule and arrange appointments and conferences for superior; be responsible for the safety, repair, maintenance, and inventory of departmental equipment, and for the safety and security of departmental records, cash, and valuable documents; perform related duties as assigned.

QUALIFICATIONS: University or college graduation required unless offset by experience of special value and significance; three years of administrative office and secretarial experience, preferably in a university or college; ability to take dictation at the rate of eighty words per minute, to transcribe complex and semi-technical material at a working rate of speed, and to type at the rate of fifty words per minute; minimum age twenty-three.

Assistant Superintendent of Print Shop

DEFINITION: Under the Superintendent, to assist in the maintenance, operation, and supervision of the Print Shop.

DUTIES BY EXAMPLE: To assist in the general supervision of the entire Print Shop; confer with foremen on printing matters; approve press proofs; assist in

planning of printing jobs, including typographical lay-out, design, printing, and engravings; review printing for quality of workmanship; make preliminary estimate of costs of production on printing work; perform supervisory duties as assigned.

QUALIFICATIONS: High school graduation; at least five years of experience as foreman of a composing room, or ten years of experience in composing room work; thorough knowledge of printing methods of production and printing equipment; competence as a Compositor; ability to operate linotype or monotype desirable; thorough knowledge of book and job printing; ability to lead and supervise; good judgment; tact; ability to deal harmoniously with others; minimum age thirty.

Office Supervisor

DEFINITION: Under administrative supervision, to be responsible for the efficient operation and maintenance of a large and complex centralized office unit.

DUTIES BY EXAMPLE: To be responsible for the operational details of the office; supervise and train office personnel; adapt work schedule to meet all situations; develop and initiate efficient office procedures; perform some minor research or statistical work as required; answer the routine correspondence of the division; collect data and prepare final reports, as well as rough drafts; be responsible for trustworthiness of employees and for the safety, repair, maintenance, and inventory of departmental equipment, for the safety and security of departmental records, cash, and documents; enforce safety regulations; exercise initiative in calling unsafe physical conditions to the attention of the proper authorities; initiate and sign requisitions, vouchers, and payrolls; keep budget accounts, often involving cost accounting; determine procedures of work, flow of work, assignments, coordination, production, and be responsible for quality of work produced; handle personnel problems of staff within unit; give out authoritative information; meet and answer inquiries of faculty, students, and staff; perform related duties as assigned.

QUALIFICATIONS: University or college graduation required, unless offset by experience of special value and significance; five years of office administrative and supervisory experience, preferably in a college or university; minimum age twenty-five.

Tabulating Machine Supervisor

DEFINITION: Under supervision, to be engaged in responsible tabulating operations, and in supervision of such operations, in a central statistical service unit.

DUTIES BY EXAMPLE: To plan varied and difficult clerical, key punching, verifying, and tabulating operations; determine personnel and equipment requirements and plan operations necessary to perform assigned tabulating functions; instruct and train subordinates in machine operations and work of the unit; prepare or supervise the preparation of unit personnel reports, requisitions for supplies, and equipment; consult with superiors regarding work and functions of unit; develop original and difficult wiring techniques; operate tabulating machines; perform related work as assigned.

QUALIFICATIONS: University graduation, with special training in accounting and/or engineering; experience with tabulating and statistical equipment, preferably one year of which should have been in a college or university; good working knowledge of operation, efficiency, and care of tabulating equipment and of the applications of such equipment to statistical and administrative problems; working knowledge of office procedures and methods; basic knowledge of policies and procedures common to a university or college tabulating unit; ability to design punch card layouts, to operate punch card tabulating equipment, to lay out wiring designs and wire machines for difficult jobs, and to develop procedures and forms for tabulating operations; ability to plan, assign, and supervise the work of others; ability to understand and carry out complex oral and written instructions; personality conducive to dealing harmoniously with faculty and staff; minimum age twenty-five.

Photographic Technician

DEFINITION: Under direct supervision, to do photographic work requiring skill and training in photography.

DUTIES BY EXAMPLE: To print photographs; develop negatives; make lantern slides both $3\frac{3}{4}$ " by 4" and 2" by 2"; assist in photographic experiments; perform related duties in the photographic laboratory as directed.

QUALIFICATIONS: High school graduation; thorough knowledge of and training in photography; at least two years of experience in photographic work desirable; good physical condition; tact; pleasing personality; minimum age twenty-one.

Compositor

DEFINITION: Under the supervision of a foreman, to perform work requiring skill in the trade of Compositor.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Compositor.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Linotype Operator

DEFINITION: Under the supervision of a foreman, to perform work requiring skill as a Linotype Operator.

DUTIES BY EXAMPLE: To perform skilled work in the trade of Linotype Operator.

QUALIFICATIONS: High school graduation; vocational training desirable; experience sufficient to qualify as a journeyman with minimum of five years of actual work at the trade; proficiency in the use of tools and equipment; good physical condition; minimum age twenty-three.

Changes and Corrections in Classification Titles

<i>From</i>	<i>To</i>
Attendant, Ward	Attendant, Hospital
Clerk, Senior Operations	Clerk, Operations
Dispatcher, Routing	Dispatcher, Routing, III
Houseman (Chicago Illini Union)	Houseman
Manager, Food Service (Illini Union)	Manager, Food Service
Operator, Power House Relief	Operator, Power Plant Relief
Policeman	Policeman-Guard
Supervisor, Assistant Housing Maintenance	Inspector, Housing Maintenance

Changes in Classification Titles and Revision of Specifications

<i>From</i>	<i>Salary Range</i>	<i>To</i>	<i>Salary Range</i>
Assistant, Laboratory or Research Program	\$300-450	Assistant, Laboratory (or Research Program) Administrative	\$300-450**
Chef, Senior (U)	200-280	Chef II (U)	200-280
(C)	225-315	(C)	275-350
Chef, Junior (U)	175-250	Chef I (U)	175-250
		(C)	225-300
Clerk, Senior Payroll (U)	225-315	Clerk, Payroll, III	225-350
(C)	235-315		
Clerk, Junior Payroll (U)	150-200	Clerk, Payroll, II	185-260
(C)	175-250		
Clerk-Stenographer, Senior (U)	160-225	Clerk-Stenographer III (U)	185-250
(C)	200-280	(C)	200-280
Clerk-Stenographer, Junior (U)	140-175	Clerk-Stenographer II (U)	160-210
(C)	160-225	(C)	170-225
Clerk-Stenographer, Assistant	130-165	Clerk-Stenographer I	145-175
Clerk-Typist, Senior	160-225	Clerk-Typist III	175-235
Clerk-Typist, Junior (U)	140-175	Clerk-Typist II	150-200
(C)	150-200		
Clerk-Typist, Assistant	130-165	Clerk-Typist I	140-170
Operator, Junior Office Appliance	150-200	Operator, Office Appliance, II	150-200**
Operator, Assistant Office Appliance	130-165	Operator, Office Appliance, I	135-165
Operator, Assistant Radio	140-175	Operator, Radio	200-300
Operator, Tabulating Machine, Senior	225-350	Operator, Tabulating Machine, III (U)	225-350
		(C)	275-350*

* Change in title and salary range; no change in specification.

** Change in title and specification; no change in range.

<i>From</i>	<i>Salary Range</i>	<i>To</i>	<i>Salary Range</i>
Operator, Tabulating Machine, Junior.....	175-250	Operator, Tabulating Ma- chine, II (U).....	175-250
		(C).....	250-300*
Operator, Tabulating Machine, Assistant.....	140-175	Operator, Tabulating Ma- chine, I (U).....	150-200*
		(C).....	225-275*
Repairman, Instrument.....	225-315	Mechanic, Power Plant In- strument.....	Prevailing
Supervisor, Dining Room....	175-250†	Supervisor, Food Service....	175-250†**
Supervisor, Creamery.....	265-350	Operator, Creamery.....	265-350**

Laboratory (or Research Program) Administrative Assistant

DEFINITION: Under administrative supervision, to assist with the administration of a laboratory and/or research program, and to perform related work as required.

DUTIES BY EXAMPLE: To supervise the nontechnical aspects of research units, act for the administrator in matters of administrative detail; interview the public; assemble data and prepare administrative reports; assist in the preparation of budgets and control of expenditures; prepare the specifications for requisition of equipment and supplies; assist in the preparation of building alteration and maintenance schedules; inaugurate cost studies and install cost systems; exercise general supervision over office personnel; handle services for the research units; edit proposals, budgets, reports, and publicity stories; confer with, and assist, project heads in the performance of their functions; perform related studies and duties as assigned.

QUALIFICATIONS: Graduation from an accredited university or college with training in the physical sciences and/or business administration; at least two years of business experience; knowledge of administrative methods; integrity; tact; outstanding ability to deal harmoniously with the general public; supervisory ability; minimum age twenty-five.

Chef II

DEFINITION: Under general supervision, to be responsible for the planning, preparation and cooking of foods.

DUTIES BY EXAMPLE: To supervise the work of other employees and be responsible for the planning, preparation, cooking and baking of all types of foods, including meats, vegetables, bakery products and fruits in large quantities; assist with preparation of menus and perform related duties as assigned.

QUALIFICATIONS: Grade school education; high school graduation desirable; broad knowledge of food preparation; successful experience in food establishments; ability to pass food handler's examination; good physical condition; minimum age twenty-five.

Chef I

DEFINITION: Under general supervision, to have charge of the preparation of foods.

DUTIES BY EXAMPLE: To be responsible for the preparation of all types of foods, including the cooking and baking of meats, vegetables, bakery products and fruits in large quantities, and to perform related duties as assigned.

QUALIFICATIONS: Grade school education; high school graduation desirable; several years of experience in the preparation and cooking of food; knowledge and acceptance of good food standards; good physical condition; ability to pass food handler's examination; minimum age twenty-two.

Payroll Clerk III

DEFINITION: Under administrative supervision, to be responsible for the preparation of University payrolls and operation of payroll procedures.

DUTIES BY EXAMPLE: From appointments and notices of employment for staff and related data, to prepare and maintain payroll records; calculate withholding tax,

* Change in title and salary range; no change in specification.

** Change in title and specification; no change in range.

† Meals furnished while on duty without charge.

retirement deductions, and overtime compensation and incorporate into payrolls; verify complete payrolls; disburse pay checks; maintain complete files pertaining to payrolls; furnish University Retirement System with payroll information and reports; answer questions for University staff relating to pay; supervise work of Payroll Clerks I and II.

QUALIFICATIONS: High school graduation, with University training desirable; at least three years' experience in clerical work, two years of which must have been in University payroll work; typing ability; accuracy and aptitude in handling figures; tact and ability to meet people; thoroughness; thorough knowledge of University business and financial procedures; supervisory ability; minimum age twenty-one.

Payroll Clerk II

DEFINITION: Under supervision, to perform responsible work in connection with the preparation of University payrolls and in the maintenance of payroll records.

DUTIES BY EXAMPLE: Assist in the preparation and maintenance of payroll records; verify payrolls for accuracy; calculate withholding tax, retirement deductions, and overtime compensation; assist in making payments in advance for payroll date; maintain files for payroll authorizations, earnings records, time cards, and other related data.

QUALIFICATIONS: High school graduation; typing ability; accuracy and aptitude in handling figures; thoroughness; tact; ability to meet people; at least two years experience in clerical work, one of which must have been in payroll work; minimum age eighteen.

Clerk-Stenographer III

DEFINITION: Under general supervision, to be responsible for the performance of difficult stenographic and complex clerical work, involving the exercise of independent judgment and/or the supervision of clerical or stenographic staff of lower rank.

DUTIES BY EXAMPLE: To take and transcribe difficult dictation, including technical manuscripts, tabulations, statistical data and subject matter requiring exceptional skill and ability; transcribe similar materials from dictating machine; supervise the work of clerical staff of lower rank in the office; be responsible for files, payrolls, and general office routine; compile data for reports; arrange appointments and conferences; give out information as directed; compose routine correspondence; receive callers; operate office and/or duplicating machines as required; prepare materials for mailing; handle cash and other valuables; keep expenditure and income accounts; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training preferred; at least one year of responsible clerical, typing, and stenographic experience, preferably in a university or college; typing speed forty-five net words per minute; shorthand speed eighty net words per minute; minimum age twenty.

Clerk-Stenographer II

DEFINITION: Under direct supervision, but with some independence, to perform clerical, typing, and stenographic duties.

DUTIES BY EXAMPLE: To take and transcribe dictation; do typing of notes, manuscripts, records, requisitions, vouchers, reports and letters; transcribe from dictating machines; do typing of materials and do cutting of stencils which sometimes involve technical text, tabulations, or foreign languages; compile data and minor statistics; sort, classify, index, insert, and withdraw file letters, records, requisitions, invoices, and subject matter materials; operate office and/or duplicating machines as required; arrange appointments; receive callers; give out information as directed; perform related duties as assigned.

QUALIFICATIONS: High school graduation with special training in typing, shorthand, and clerical work or post-high school business training; one year of stenographic experience preferable; typing speed forty-five net words per minute; shorthand speed eighty net words per minute; minimum age eighteen.

Clerk-Stenographer I

DEFINITION: Under close supervision, to perform routine clerical, stenographic, and typing work.

DUTIES BY EXAMPLE: To take and transcribe dictation; do routine typing of letters, manuscripts, requisitions, vouchers, and forms; transcribe from dictating

machines; open, address, seal, and mail correspondence; file materials as directed; cut stencils; answer telephones; receive callers; give out information as instructed; operate office and/or duplicating machines as required; perform messenger service; perform related duties as assigned.

QUALIFICATIONS: High school graduation, with training in typing, shorthand, and clerical work; typing speed forty net words per minute; shorthand speed seventy net words per minute; minimum age sixteen.

Clerk-Typist III

DEFINITION: Under general supervision, to be responsible for the performance of difficult typing and complex clerical work involving the exercise of independent judgment and/or the supervision of a clerical staff of lower rank.

DUTIES BY EXAMPLE: To transcribe on the typewriter from dictating machines and to type difficult material including technical manuscripts, tabulations, statistical data and subject matter requiring exceptional skill and ability; supervise the work of clerical staff of lower rank in the office; be responsible for files, payrolls, and general office routine; compile data for reports; arrange appointments and conferences; give out information as directed; compose routine correspondence; receive callers; operate office and/or duplicating machines as required; prepare materials for mailing; handle cash and other valuables; keep expenditure and income accounts; perform related duties as assigned.

QUALIFICATIONS: High school graduation; business training preferred; at least one year of responsible clerical and typing experience, preferably in a university or college; typing speed forty-five net words per minute; minimum age twenty.

Clerk-Typist II

DEFINITION: Under direct supervision, but with some independence, to perform clerical and typing duties.

DUTIES BY EXAMPLE: To do typing of notes, manuscripts, records, requisitions, vouchers, reports, and letters; transcribe from dictating machines; do typing of materials and do cutting of stencils which sometimes involve technical text, tabulations, or foreign languages; compile data and minor statistics; sort, classify, index, insert, and withdraw file letters, records, requisitions, invoices, and subject matter material; operate office and/or duplicating machines as required; arrange appointments; receive callers; give out information as directed; perform related duties as assigned.

QUALIFICATIONS: High school graduation with special training in typing and clerical work, or post-high school business training; one year of experience in clerical work preferable; typing speed forty-five net words per minute; minimum age eighteen.

Clerk-Typist I

DEFINITION: Under close supervision, to perform routine clerical and typing work.

DUTIES BY EXAMPLE: To do routine typing of letters, manuscripts, requisitions, vouchers, and forms; transcribe from dictating machines; open, address, seal, and mail correspondence; file materials as directed; cut stencils; answer telephones; receive callers; give out information as instructed; operate office and/or duplicating machines as required; perform messenger service; perform related duties as assigned.

QUALIFICATIONS: High school graduation, with training in typing and clerical work; typing speed forty net words per minute; minimum age sixteen.

Office Appliance Operator II

DEFINITION: Under supervision, to perform work requiring knowledge and skill in the operation of business office machines and in related clerical work.

DUTIES BY EXAMPLE: To operate independently business office machines such as adding, comptometer and calculating, in making original computations or in verifying computations already made; check the accuracy of invoices, vouchers, and voucher schedules for arithmetic accuracy and compliance with departmental or divisional regulations; supervise, instruct, or advise new employees or clerical subordinates in office procedures and in machine operation; maintain necessary files; perform related duties as assigned.

QUALIFICATIONS: High school graduation; at least six months of experience in the operation of business office machines as required; tact; pleasing personality; good health; minimum age eighteen.

Office Appliance Operator I

DEFINITION: Under direct supervision, to perform routine clerical work, and to operate business office machines.

DUTIES BY EXAMPLE: To operate business office machines such as adding, comptometer, and calculating, in making original computations, or in verifying computations already made; enter data on tabulation sheets from questionnaires or other records; do miscellaneous clerical work such as simple posting, arranging, filing, and checking written materials; perform related duties as assigned.

QUALIFICATIONS: High school graduation; training in the operation of office machines as required preferable; minimum age sixteen.

Radio Operator

DEFINITION: Under the Chief Engineer of the Radio Station, to operate and to maintain radio broadcasting equipment.

DUTIES BY EXAMPLE: To operate studio broadcasting equipment; set up and operate remote broadcast equipment; set up and operate tape and disc recording equipment; repair and maintain all such equipment.

QUALIFICATIONS: High school graduation; training and experience in construction and operation of radio broadcasting equipment; mechanical aptitude; reliability; good physical condition; ability to use good judgment; minimum age twenty-one.

Power Plant Instrument Mechanic

DEFINITION: Under the supervision of the Instrument and Efficiency Engineer, to perform duties requiring a high degree of skill in the installation, maintenance, repair and calibration of various power plant instruments.

DUTIES BY EXAMPLE: To repair and adjust indicating, recording, integrating, regulating, and control instruments such as pressure, flow and combustion meters, gauges, and control devices; disconnect inaccurate or damaged instruments and make suitable replacement; disassemble instruments, examine mechanism, clean parts, replace worn or broken parts, assemble instruments, and check them on testing apparatus; calibrate instruments to coincide with established standard; to conduct scheduled inspections of all instruments and make minor adjustments to those not functioning properly; store, repair and maintain in proper operating condition, special testing apparatus such as Orsats, potentiometers, pitot tubes, thermocouples, etc.; to control parts storeroom; to assist power plant mechanics as assigned.

QUALIFICATIONS: High school education or equivalent; considerable experience and skill in the adjustment and maintenance of instruments; good physical condition; dependability; minimum age twenty.

Food Service Supervisor

DEFINITION: Under direction, to perform supervisory duties of a food service operation.

DUTIES BY EXAMPLE: To be in charge of a dining room; train and supervise dining room and kitchen employees; assist in the planning of menus; assist in food preparation; supervise serving of food; arrange work schedules; assist in planning and serving banquets and special functions; be responsible for the general appearance and operation of a dining room; perform related duties as assigned.

QUALIFICATIONS: High school graduation; university graduation in home economics, or experience in quantity food service preferable; minimum age twenty.

Creamery Operator

DEFINITION: Under direct supervision, to carry out assigned duties and responsibilities involved in the operation of a creamery.

DUTIES BY EXAMPLE: To perform the actual duties necessary to maintain creamery equipment in sanitary and good operating condition; operate the refrigeration plant; as directed, to make butter, cheese, and ice cream, pasteurize milk and cream, bottle milk, and keep appropriate plant records of these operations; operate equipment used in making standard tests of dairy products; operate and make indicated changes in adjustment or arrangement of special items of equipment employed in research studies; perform related duties as assigned.

QUALIFICATIONS: University graduation, with major in dairy technology preferred; educational qualifications may be offset by experience in dairy manufacturing substituted year for year up to a maximum of four years; minimum of two years of experience in the manufacture of dairy products during which there has been

substantial practice in the operation of refrigeration equipment, manufacture of butter, ice cream, cheese, pasteurization of milk and cream, and in the conduct of tests on these products; certification by University Health Officer as food handler; male; minimum age twenty-four.

Changes in Salary Ranges of Present Classifications

<i>Position</i>	<i>Previous Salary Range</i>	<i>New Salary Range</i>
Assistant, Editorial.....	\$175-250	\$200-280
Assistant, Junior Personnel.....	160-225	165-235
Assistant to Director of Nursing.....	265-350	280-360
Assistant to Director of Public Information.....	300-450	350-500
Attendant, Linen Room (C).....	160-225	175-250
Attendant, Supply (C).....	175-250	200-275
Bracemaker, Assistant.....	175-200	175-250
Business Manager, McKinley Hospital.....	265-350	275-400
Caretaker, Head Animal (C).....	225-300	275-350
Caretaker, Animal (U).....	175-225	225-275
(C).....	200-275	225-300
Cashier, Food Service (C).....	145-185	150-200
Clerk, Chief.....	225-315	.....
Level I.....	.....	200-315
Level II.....	.....	200-350
Level III.....	.....	200-425
Clerk, Receiving (U).....	150-200	165-235
Copyholder.....	140-175	Prevailing
Director of Nursing, Associate.....	300-450	350-500
Draftsman, Senior Engineering.....	275-400	350-500
Draftsman, Junior Engineering.....	200-280	265-350
Engineer, Aircraft Maintenance.....	350-500	400-650
Engineer, Civil.....	350-500	400-550
Engineer, Power Plant Mechanical.....	350-500	400-650
Engineer, Project.....	300-450	350-500
Engineer, Assistant Radio.....	175-250	225-315
Estimator.....	300-450	350-500
Examiner, Assistant.....	270-375	270-400
Examiner and Recorder, Assistant.....	270-375	270-400
Foreman, Aircraft Shop.....	275-400	300-450
Gardener, Grounds (C).....	Prevailing	250-325
Houseman (U).....	*	160-225
Kitchen Helper (Pier).....	130-175	Prevailing
Manager of Public Information, Assistant.....	225-315	275-400
Nurse, Head (C).....	225-290	225-315
Nurse, Assistant Head.....	210-270	225-290
Nurse, Staff (C).....	200-260	200-275
Nurse, Supervising.....	250-325	275-350
Operator, Blueprint Machine.....	150-225	175-250
Recorder, Assistant.....	270-375	270-400
Secretary (U).....	200-280	.....
(C).....	225-315	.....
Level I.....	.....	200-315
Level II.....	.....	200-350
Level III.....	.....	200-425
Statistician, Junior.....	175-250	200-280
Supervisor, Office.....	225-315	275-425
Superintendent of Print Shop, Assistant.....	300-450	Prevailing
Technician, Junior Electric Instrument and Measurement.....	225-300	250-320
Technician, Photographic.....	160-225	140-225
Visitor, Housing.....	160-225	165-235
Writer, Specifications.....	300-450	350-500

* Previously used in Chicago only.

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

CHANGES IN REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ENGINEERING

(6) The University Senate has approved a recommendation from the College of Engineering faculty for an increase in the admission requirements in mathematics from the present requirements of three units to four units, effective September 1, 1953. The new requirements would be: algebra, two units; plane geometry, one unit; solid geometry, one-half unit; and trigonometry, one-half unit.

Students who have only one unit in algebra and one unit in geometry, and who meet all other entrance requirements, may be admitted to the College on condition that the deficiencies be removed during the first year of residence. Students admitted under this provision can not expect to complete the requirements for the bachelor's degree in Engineering in eight semesters.

As an alternative to the above, students who do not submit four units in the specified subjects, and who meet all other entrance requirements, may be admitted to full standing by passing proficiency examinations which will indicate that their preparation is adequate for entrance to analytical geometry.

I concur.

On motion of Mr. Megran, these changes in admission requirements were approved.

DEGREE OF DOCTOR OF EDUCATION IN MUSIC EDUCATION

(7) The University Senate has approved a recommendation from the faculties of the College of Education and the School of Music, the Executive Faculty of the Graduate College concurring therein, that there be established a graduate program for a major in Music Education leading to the degree of Doctor of Education. This is not to be a new degree but a major field of specialization under the existing degree program.

I concur.

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

CHANGES IN THE CURRICULUM IN LAW

(8) The University Senate has approved the recommendation from the faculty of the College of Law that:

Beginning with September 1, 1952, all applicants for admission to the College of Law as candidates for the degree of Bachelor of Laws (LL.B.) shall have attained senior standing in a college of the University of Illinois or a college approved by the University, and have achieved a grade average of 3.5 in all college work taken. These are the present requirements for admission to the three-year program. These then become the requirements for admission of all students in the College of Law.

Beginning with September 1, 1952, all students who enter the College of Law as candidates for the degree of Bachelor of Laws (LL.B.) shall, as conditions to receiving that degree, have studied law in residence for a minimum period of six semesters and *the equivalent of* one eight-week summer term, and have obtained ninety-two hours of law credit with an average grade of at least 3.0 in all credits secured in law courses taken in this University. These changes increase the credit-hour requirement from eighty-four to ninety-two, and the residence requirement from six semesters to six semesters plus *the equivalent of* an eight-week summer term.

The present four-year curriculum in law be discontinued after October 15, 1951.

I concur.

On motion of Mr. Nickell, this recommendation was approved as amended by the insertion of the words "the equivalent of" as printed in italics above.

EDWARD L. RYERSON TRAVELING FELLOWSHIPS IN ARCHITECTURE AND LANDSCAPE ARCHITECTURE

(9) The University has a fund given to it by Mr. Edward L. Ryerson of Chicago for the awarding of the Edward L. Ryerson fellowships in Architecture and Landscape Architecture under conditions to be determined by the Board of Trustees. I submit for approval by the Board of Trustees, and with my concurrence, regulations drafted by the Departments of Architecture and Landscape Architecture governing awards of these fellowships. Copies of these regulations are hereby given to the Secretary of the Board for record.

On motion of Mr. Herrick, these regulations were approved.

FEES FOR EXAMINATIONS IN HIGH SCHOOL AND COLLEGE SUBJECTS

(10) The University offers each year four sets of examinations in high school and college subjects. They are given in Chicago. These examinations were established in 1917 on request of the Board of Law Examiners to provide prospective candidates for admission to the bar who are unable to attend accredited institutions a means of complying with the educational qualifications preliminary to the study of law as prescribed by the Supreme Court of Illinois. Fees are charged candidates taking these examinations to cover the cost.

The present rate charged for these examinations is \$2.50 per high school unit or college subject. Because of increased costs and a decline in the number of candidates taking the examinations, there has been a deficit in this operation during the current fiscal year. This will be offset by an assignment to the entrance examination account of funds from a balance from operations of previous years. However, to provide adequate income so that the examinations may continue to be self-supporting on an annual basis, the Director of Admissions and Records recommends that the charge be increased from the present \$2.50 to \$4.00 for each high school unit or college subject, this change to become effective September 1, 1951.

I concur.

On motion of Mr. Fornof, this change in fee was approved.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Fire protection equipment for Robert Allerton Park.....	\$ 6 600
2. Equipment for the Department of Bacteriology.....	5 000
3. Equipment and supplies for the College of Commerce and Business Administration.....	4 000
4. Repairs and costs of packing, boxing, and shipping in connection with the acquisition of a TV transmitter from the General Electric Company for the Division of Communications.....	9 500
5. Remodeling and equipment for the Department of Art.....	3 000
6. Calculating machines for the Department of Mathematics.....	3 500
7. Research equipment for the Department of Mining and Metallurgical Engineering, College of Engineering.....	19 000
8. Establishment of a service laboratory for metallography in the Department of Mining and Metallurgical Engineering.....	14 000
9. Equipment for the Department of Zoology.....	7 500
10. Bookstacks for the Library at the Chicago Undergraduate Division....	4 000

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

On motion of Mr. Johnston, these appropriations were made from the 1950-1951 General Reserve to the extent that funds are available therein and the remainder from the General Reserve for 1951-1952, all appropriations to be available until June 30, 1952. The vote on this motion was: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

CONTRACTS FOR CONSTRUCTION OF ADDITIONS TO STUDENT RESIDENCE HALLS AT URBANA

(12) The Board of Trustees authorized the employment of architects for the preparation of plans and specifications for the expansion of residence halls on the Urbana campus. The program has been developed in two phases:

Phase I (Based on bids received)

Construction of a dormitory type permanent residence hall for 288 men.....	\$615 000
Modernization in Busey Hall (for women).....	15 000
<i>Sub-total, Phase I</i>	\$ 630 000

Phase II (Estimated)

Construction of new unit providing food service for 1,000 men and housing for 96 men.....	767 500
Converting food service area in present men's halls to housing for 76 men.....	35 200
Modernization of Evans Hall (for women).....	10 000
Refinancing present Men's Residence Halls bonds.....	260 100
<i>Sub-total, Phase II</i>	1 072 800
<i>Total</i>	\$1 702 800

To proceed with the first phase will require an appropriation from the General Reserve of \$223,000. Combined with a previous appropriation of \$27,000 for architectural work, this sum will provide an equity of \$250,000. Funds are available for this appropriation. The remaining \$380,000 is to be borrowed by a revenue bond issue. The Comptroller has investigated the market and believes there will be no difficulty in selling such bonds when the money is needed.

Plans for the second phase are nearing completion and bids will be received on September 1, 1951. The entire program will require a bond issue of \$1,500,000, including refunding of the present indebtedness on the Men's Residence Halls of \$260,100. This will be presented to the Board when bids have been received.

In the meantime, it is desirable to proceed with the first phase.

A request has been filed with the National Production Agency for "Authority to Begin Construction" on the first phase. The architects believe that such authority can be obtained and the necessary materials procured.

The Director of the Physical Plant and the Comptroller recommend award of contracts to the lowest bidders as follows, subject to receipt of authority to begin construction:

General work—John Felmley Company, Urbana.....	\$331 900
Heating, ventilating, and plumbing work—W. T. Mahoney and Sons, Chicago.....	94 837
Electrical work—Leverenz Electric Company, Danville.....	49 877

It is also recommended that Sargent and Lundy, Engineers, Chicago, be engaged, as an addition to their present contract for engineering services on the utilities distribution system, to design the necessary steam service connections at an estimated cost of \$1,100.

I concur and recommend that: (1) the Comptroller and Secretary of the Board of Trustees be authorized to execute the contracts as recommended; (2) an appropriation of \$223,000 be made from the General Reserve; (3) the Comptroller be authorized to secure bids on the revenue bonds and report the same to the Board; (4) Chapman and Cutler be employed as attorneys for the bond issue.

On motion of Mrs. Watkins, these contracts were awarded and authority was given as recommended, and an appropriation of \$223,000 was made from the General Reserve for 1950-1951 to the extent that funds are available therein and the remainder from the General Reserve for 1951-1952, this appropriation to be available until June 30, 1952. The vote on this motion was: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

**CONTRACT WITH MEDICAL CENTER STEAM COMPANY FOR
OPERATION OF STEAM HEATING PLANT FOR
CHICAGO PROFESSIONAL COLLEGES**

(13) The University has a contract with the Medical Center Steam Company for the construction and operation of a central steam heating plant and distribution system to serve University buildings and those of other institutions in the Medical Center District.

In setting up the operation of the plant, the Medical Center Steam Company has encountered difficulties due to differences in the terms and conditions of employment of University personnel and employees in other power plants. In addition, wage rates proposed for the Medical Center Steam Company plant are higher than rates paid by the Commonwealth Edison Company and this would ultimately affect the latter's wage negotiations.

The Medical Center Steam Company has suggested that the University operate the plant. The Company will assume the responsibility for completion of the construction and for operation of the plant until all operating problems resulting from construction are solved. This arrangement would have the further advantage of simplifying the University's supervision of the operation and may strengthen the University's position in claiming tax exemption of the plant from property taxes.

The Director of the Physical Plant and the Comptroller recommend that a contract be entered into with the Medical Center Steam Company whereby the University will take over the operation and maintenance of the plant.

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

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

CONTRACT FOR ERECTION OF STORAGE BUILDING

(14) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$1,379 to Aluminum Sales Products, Champaign, the lowest bidder, for the erection of an aluminum storage building approximately 400 square feet in area including construction of a concrete floor. This building will be erected north of the Sanitary Engineering Laboratory and will be used by the Department of Civil Engineering for storage of equipment and supplies.

Funds are available in the current budget of the Physical Plant Department.

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

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

**CONTRACT FOR ENGINEERING SERVICES ON REMODELING
OF QUARTERS FOR PHYSICAL MEDICINE**

(15) The Director of the Physical Plant and the Comptroller recommend that the engineering firm of Samuel R. Lewis and Associates, Chicago, be employed to prepare plans and specifications for remodeling and air conditioning in the hydrotherapy pool quarters of the Department of Physical Medicine, College of Medicine, and for supervision of the remodeling work.

This firm has offered to provide the necessary engineering and supervisory services for a fee of 10 per cent of the contract price of the remodeling, but not to exceed \$2,000, 60 per cent of the fee to be paid when plans are accepted and the balance in installments proportional to payments to contractors during the course of the remodeling work. It is estimated that the preparation of plans and specifications will cost approximately \$1,500 and there will be no further payment under this contract unless remodeling is undertaken.

Funds are available in the Physical Plant Department budget.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with Samuel R. Lewis and Associates in accordance with the terms stated above.

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

LEASE OF QUARTERS IN LASALLE HOTEL FOR ILLINI CENTER

(16) The University leases quarters in the LaSalle Hotel for the Illini Center. The first lease was for two years ending June 30, 1949, with the right of the University

to renew for three successive two-year periods and with the right reserved by the lessor to require an adjustment in rental on the occasion of each renewal.

The rent paid during 1949-1950 was \$5,400 and during 1950-1951, \$6,000. The hotel requests a rental of \$6,900 per year for the period of 1951-1953. The present rental is \$2.00 per square foot and the proposed rental, \$2.30 per square foot. The rent is reasonable in comparison with other leases of space of that kind in Chicago.

I recommend that the Comptroller be authorized to extend this lease for two years ending June 30, 1953, at a rental of \$6,900 per year.

On motion of Mrs. Holt, extension of this lease on the terms recommended was authorized.

ADDITION TO CONTRACT FOR CONSTRUCTION OF PARKING LOT

(17) On November 24, 1950, the Board of Trustees approved an addition to the contract with the Champaign Asphalt Company for an entrance way from Goodwin Avenue to the Green Street parking lot. This entrance was through the property of 202 South Goodwin Avenue. Later it was determined that the house at this location should be removed and this has made it possible to construct parking spaces for thirty-eight cars. On January 23, 1951, the Board of Trustees made an appropriation for these additional parking facilities.

The Director of the Physical Plant and the Comptroller recommend an increase in the contract with the Champaign Asphalt Company in the amount of \$1,855.75 to provide for the additional work.

I concur.

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

GRANT FROM W. K. KELLOGG FOUNDATION

(18) The W. K. Kellogg Foundation of Battle Creek, Michigan, has approved a grant of \$245,350, payable to the University of Illinois in installments over a five-year period, in support of a project to strengthen educational broadcasting at the University of Illinois and at other universities which have educational radio stations. The proposal for this grant was submitted by Dean Wilbur Schramm on behalf of the National Association of Educational Broadcasters. Headquarters of the project will be at the University of Illinois which is the center of the NAEB tape network. This network serves as a clearing house for exchanges of recorded programs among educational broadcasting stations. It also will produce original programs for distribution.

The grant will make it possible for the University to buy much-needed equipment and will contribute substantially to the operating costs of the network. Funds will be available for employment of a project director and other personnel, for annual educational seminars (to be held at Robert Allerton Park), for fellowships and conferences, and for research on educational broadcasting.

Having accepted the grant, I request confirmation of this action.

On motion of Mr. Johnston, the action of the President was confirmed.

RELEASE OF POTENTIALLY PATENTABLE DISCOVERY

(19) Director Mark H. Hindsley of the University Bands has invented a device which can be incorporated into wind instruments for correcting intonation difficulties while the instruments are being played. He did this at his own expense and on his own time. In view of this, it is recommended that the discovery be released to him for patenting in his own right if he so desires.

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

OFFER OF GIFT OF TELEVISION TRANSMITTER FROM GENERAL ELECTRIC

(20) The General Electric Company has formally offered to donate to the University a high-channel television transmitter valued at \$90,000. This will require an expenditure of \$9,500 by the University for repairs, costs of packing and shipping. A special appropriation is being recommended separately for this.

Negotiations for this acquisition have been carried on by Dean William L.

Everitt of the College of Engineering and Dean Wilbur Schramm of the Division of Communications.

I recommend that this offer be accepted, with appropriate acknowledgment to the General Electric Company.

On motion of Mrs. Watkins, this offer was accepted.

ESTATE OF ALBERT BELLAMY

(21) On September 29, 1950, a report was rendered to the Board on the bequest of Mr. Albert Bellamy, a graduate of the University in 1881, who died January 13, 1948.

There has now been received from the Executor of the Estate an additional sum of \$5,099.21 as the final distribution, with the result that the total amount received by the University under such bequest is \$60,961.30.

The section of the will relating to the use of the bequest is not specific, merely providing that it is to be used "in assisting needy students to acquire an education."

The use of these funds has been considered by the Chairman of the Committee on Special Undergraduate Scholarships, the Comptroller, and the Assistant to the Legal Counsel, and it is the opinion of these officers that it is entirely proper and desirable that the principal of this bequest be held intact, to function as an endowment fund, and that the income be used for undergraduate scholarships, to be administered by the University committee established for this purpose. Such proposed use of the bequest has been presented to the Administrator *de bonis non* with the will annexed who is the son of the Executor appointed in the will and he states that from conversations with his father he knows the purposes of Mr. Bellamy in respect to this bequest and he believes the proposed use of the fund meets those purposes. Therefore, the Chairman of the Committee on Special Undergraduate Scholarships and the Comptroller recommend that the principal and income of this fund be held and used in this manner.

I concur.

On motion of Mr. Grange, the plan recommended for the use of these funds was approved.

PURCHASES

Purchases Authorized

(22) The following purchases were authorized by the President's Office on the recommendations of the Director of Purchases and the Comptroller.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 28-ft. dual wheel trailer to be used to exhibit seed displays in extension work	Agronomy	Platt Trailer Co., Inc., Elkhart, Ind.	\$2 110 67 f.o.b. Elkhart, Ind.
One 1951 panel truck, $\frac{1}{2}$ ton, complete with four-speed transmission, heater and defroster, directional turn indicators, extra auxiliary seat and spare tire, for Department of Geology field trips	Physical Plant	Sullivan Chevrolet Co., Champaign	1 589 36

Purchases Recommended

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

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
50 ft. 0.050" platinum 20% rhodium furnace wire	Ceramic Engineering	Baker & Co., Inc., Chicago	\$1 527 05 net f.o.b. Newark, N.J.
25 ft. 0.020" platinum C.P. thermocouple wire			
25 ft. 0.020" platinum 10% rhodium thermocouple wire			
Six each platinum 10% rhodium crucibles 30 c.c. capacity, standard form without lid			
Less trade-in allowance of 200 grams scrap platinum			
One fume hood, 7'2" long x 7'2 $\frac{1}{2}$ " high x 4'6" wide, with base made of carbon steel, superstructure of aluminum and table top of stainless steel	Chemistry	Walrus Manufacturing Co., Decatur	2 637 86 delivered and installed

Item	Department	Vendor	Cost
Two Korok silos 10' x 20' with roof, chute, ladder, and concrete foundation to be erected at Dairy Farm	Dairy Science	Independent Silo Co., Carlinville	2 305 64 delivered and erected
Brass and copper tubing, sheets, and rods	Physics	C. H. Besly & Co., Chicago	3 892 70 f.o.b. delivered
Three No. 52 Castle Safelites for Animal Hospital operating rooms	Animal Hospital, Chicago Professional Colleges	A. S. Aloe & Co., Chicago	1 093 95 f.o.b. delivered
600 (approximately) cases of Pyrex laboratory glassware to be used by the Chicago Colleges and Divisions in 1951-1952	Chicago Colleges and Divisions	Arthur S. LaPine & Co., Chicago Central Scientific Co., Chicago Chicago Apparatus Co., Chicago E. H. Sargent & Co., Chicago A. S. Aloe & Co., Chicago Schaar & Co., Chicago	2 000 00 2 000 00 2 000 00 2 000 00 2 000 00 2 000 00 (12 000 00)
One Monel metal washer, 42" x 36", delivered and set in on foundation in the Physical Plant Laundry, 835 S. Wolcott Street, less allowance on old (10-yr.) 42" x 36" Hoffman washer	Physical Plant, Chicago Professional Colleges	Troy Laundry Machinery Division, American Machine & Metals, Inc., East Moline	2 950 00 net delivered
Rental of musical recordings for broadcasting, including index and file cases, for two years beginning July 1, 1951	Radio Station	Muzak Corp., New York City, N.Y.	2 700 00 (payable 112.50 per month)
3,000 copies of <i>Miracle of Growth</i> to be bound in cloth	University Press	R. R. Donnelley & Sons, Chicago	1 899 00 f.o.b. Urbana
2,950 copies of Engineering Experiment Station Bulletin No. 396 <i>Studies of Slab and Beam Highway Bridges</i>	Engineering Experiment Station	Waverly Press, Inc., Baltimore, Md.	1 128 03 (esti- mate)
20,862 lbs. newsprint paper	Alumni Association	The News-Gazette, Champaign	1 911 38
Bituminous resurfacing of University Airport parking area	Institute of Aviation	Illiana Construction Co., Urbana	1 084 50
200 tablet arm chairs, metal frame with wood seat, back, and arm	Physical Plant	Blackwell Wielandy, St. Louis, Mo.	1 896 00 f.o.b. Urbana
85% magnesia pipe covering: 4320 ft. 1/2" 270 ft. 3" 720 ft. 4" 72 ft. 5" 48 ft. 6"	Physical Plant	Standard Asbestos Manu- facturing Co., Chicago	1 592 70 f.o.b. delivered
700 (approximately) uniforms for ground forces R.O.T.C. advanced students	Military	Associated Military Stores, Chicago	87 600 00 (approx- imate)
300 (approximately) uniforms for Air Force R.O.T.C. advanced students			
Contract for laundry service for various departments for two years beginning July 1, 1951	All departments requiring laundry service	Model Laundry, Champaign White Line Laundry, Champaign	40 000 00 (esti- mate)
Incandescent and fluorescent lamps to be ordered by the Urbana campus and Chicago branches during the year July 1, 1951, to June 30, 1952 (estimated on \$40,000 list value)	Physical Plant Storeroom	Tepper Electric Supply Co., Champaign (distributor of Champion lamps)	21 760 00 (esti- mate)
5,000 tons (approximate) screenings coal to be delivered to Abbott Power Plant from June 15 to July 31, 1951	Physical Plant	Bell & Zoller Coal Co., Chicago Republic Coal & Coke Co., Chicago	11 225 00 11 850 00 (23 075 00)
Binding of books and magazines for the University libraries at Urbana, Chicago Professional Colleges, and Chicago Undergraduate Division, for two years from July 1, 1951, to June 30, 1953	Library	Ernst Hertzberg & Sons, Chicago (Urbana libraries) Burgmeier Book Bindery, Inc., Chicago (Chicago libraries)	120 000 00 (esti- mate) 20 000 00 (esti- mate)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Cross driveway bucket elevator complete with truck and wagon hoist for ceiling installation	Wright Farms, DeKalb, Illinois	Evensen & Son, Shabbona	1 186 09 f.o.b. delivered
One heavy duty truck chassis and cab equal to International model L-180, complete with five-speed overdrive transmission, two-speed rear axle, extra braking capacity and extra cooling capacity	Dixon Springs Experiment Station	Cecil Broadway, Inc. (International), Golconda	3 090 60 delivered
Four automobiles, four-door sedans, complete with oil filter, oil bath air cleaner, right and left hand sun visors, and fresh air heater and defroster, less trade-in allowance for vehicles Nos. 233, 272, 406, and 407 (all 1950 four-door sedans)	Physical Plant	Dana Hudelson, Inc., Champaign	958 80 (net)
Comprehensive automobile fleet liability insurance effective July 1, 1951, for three years providing limits of \$25/50,000 bodily injury and \$5,000 property damage on the fleet of automobiles, trucks, buses, and motor-propelled equipment owned by the University and including hired and borrowed cars used in the pursuit of University business, with the three-year premium payable in equal annual installments and the University having the right to terminate the coverage at any time	Physical Plant	W. B. Hayes, Jr., Champaign, representing the National Union Fire Insurance Co.	10 003 38 (three-year premium)
40,000 copies of undergraduate catalog of the University of Illinois for 1951-1952 to be printed and bound	University Press	George Banta Publishing Co., Menasha, Wis.	18 295 53 (approximate)
50,000 reams, 8 $\frac{3}{4}$ x 10 $\frac{1}{4}$, 16 lb. basis, mimeograph bond paper to be delivered 12,500 reams per quarter during year ending June 30, 1952	Office Supply Store	Dwight Bros. Paper Co., Chicago	31 000 00 f.o.b. Urbana
Sewage sludge scraping mechanisms	Institute of Aviation	Yeomans Brothers Co., Chicago	2 122 00 f.o.b. delivered
Comminutor with control panel	Institute of Aviation	Chicago Pump Co., Chicago	1 301 00 f.o.b. Chicago
Sludge heater and auxiliary equipment	Institute of Aviation	Pacific Flush Tank Co., Chicago	6 350 00 f.o.b. factory with freight allowed
Square floating cover for sludge digester			
Rotary distributors			
Six one-ton air-conditioning units, 208 volts, one phase, 60 cycle for use in the Control Systems Laboratory	Physics	Frigidaire Sales Corp., Chicago	1 695 80 f.o.b. Urbana
Fire, extended coverage, vandalism and malicious mischief insurance subject to 80% co-insurance and including unearned premium coverage effective July 1, 1951, for five years in the amount of \$1,250,000 on the Student and Staff Apartment Building (first unit), Urbana, and on the contents thereof in the amount of \$50,000, with the term premium payable in annual installments and the University having the right to terminate the coverage at any time	Housing	Richard E. Hall, Chicago, representing the National Union Fire Insurance Co.	3 692 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fire, extended coverage, vandalism and malicious mischief insurance subject to 80% co-insurance and including unearned premium coverage effective July 1, 1951, for five years in the amount of \$850,000 on the Green Street apartment building (second unit of Student and Staff Apartments), Urbana, and on the contents thereof in the amount of \$40,000, with the term premium payable in annual installments and the University having the right to terminate the coverage at any time	Housing	Richard E. Hall, Chicago, representing the National Union Fire Insurance Co.	2 527 60

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

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period May 1 to 31, 1951.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Commonwealth Edison Company	Study of electrical fields for heating in reinforcing steel	\$4 400 00	May 17, 1951
Commonwealth Edison Company	Study of cathodic protection of surfaces in soils and solutions	8 320 00	May 17, 1951
Hiram Walker and Sons, Inc.	Study of distillers' by-products in poultry rations	1 400 00	May 17, 1951
Association of American Railroads	Study of edge condition of structural steel plates	3 000 00	May 9, 1951
State of Illinois	Study of prestressed reinforced concrete highway bridges	1 500 00	May 5, 1951
Eli Lilly and Company	Study of mumps vaccine in man	5 600 00	April 10, 1951
United States Navy	Instruction and supplies for 133 trainees	76 927 20	September 1, 1950
Veterans Administration	Postgraduate dental and medical course of less than thirty weeks	Rates per contract	July 1, 1950
State of Illinois Division of Vocational Rehabilitation	Certain physical restoration services for trainees of agency	Rates per contract	April 17, 1951

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Bosley Wrecking Company	Demolition of building at 821 South Winchester Avenue, Chicago	\$745 00	April 20, 1951

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Gulf Research and Development Company	Study of pyrethrum synergists	2 000 00	May 7, 1951
Monsanto Chemical Company	Study of chemicals and composition of matter for fungicidal properties	6 000 00	May 4, 1951
Reinforced Concrete Research Council	Study of reinforced concrete columns	8 000 00	April 27, 1951
Abbott Laboratories, Eli Lilly and Co., and Upjohn Company	Study of antibacterial substances other than penicillin	13 000 00	May 8, 1951
State of Illinois	Study of impact on highway bridges	10 000 00	May 18, 1951
State of Illinois	Study of reinforced concrete slabs	15 000 00	May 18, 1951
State of Illinois	Study of riveted and bolted structural joints	10 000 00	May 18, 1951
Veterans Administration	Multi-engine land course AVI-292 included in contract number V3028V-1233	250 00 per student per semester	April 16, 1951
United States Navy	N 6 ori 71 task order 6	40 800 00	April 3, 1951
United States Navy	N 6 ori 71 task order 5	9 500 00	March 19, 1951
United States Navy	N 6 ori 71 task order 1	650 000 00	April 3, 1951
United States Navy	N 6 ori 71 task order 4	35 000 00	March 21, 1951
United States Navy	N 6 ori 71 task order 15	120 000 00	April 18, 1951

Adjustments Made in Authorizations Issued Under Cost-Plus Standing Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric	Noyes Laboratory remodeling renovation and modernization	\$2 136 31	April 24, 1951
	Noyes Laboratory remodeling renovation and modernization	3 429 71	April 24, 1951
	Sub-total	(5 566 02)	
E. N. DeAtley	Noyes Laboratory remodeling renovation and modernization	4 392 40	April 21, 1951
	Noyes Laboratory remodeling renovation and modernization	4 853 35	April 21, 1951
	Noyes Laboratory remodeling renovation and modernization	4 800 76	April 21, 1951
	Special State—Noyes Laboratory safety improvements	382 77 ¹	May 4, 1951
	Changes in administrative offices	490 00	May 16, 1951
	Changes in administrative offices	162 74 ¹	May 25, 1951
	Sub-total	(13 991 00)	
E. M. Hays Plumbing and Heating Company	Noyes Laboratory remodeling renovation and modernization	2 926 41	April 24, 1951
	Noyes Laboratory remodeling renovation and modernization	2 330 09	April 24, 1951
	Sub-total	(5 256 50)	
Reliable Plumbing and Heating Company	601 East John Street remodeling	1 239 80	April 26, 1951
	Davenport House remodeling; Health Service remodeling	374 68 ¹	May 4, 1951
	Sub-total	(865 12)	
Schroeder's	Green Street Apartments	377 40	May 3, 1951
	708 South Mathews Avenue remodeling	239 04	May 12, 1951
	Radio Carbon Laboratory expansion	340 00	May 23, 1951
	Sub-total	(956 44)	
Clarence H. Siems	Green Street Apartments	476 55	May 10, 1951
	Harker Hall remodeling rooms 104, 106	1 209 68 ¹	May 23, 1951
	Sub-total	(733 13) ¹	
Square Deal Electric Company	Special State—Natural History fire protection	316 21	May 2, 1951
	Noyes Laboratory safety improvements	96 38 ¹	May 4, 1951
	708 South Mathews Avenue remodeling	499 53	May 12, 1951
	Green Street Apartments	36 39	May 14, 1951
	Natural History building remodeling renovation and ventilation	339 12	May 15, 1951
	Changes in administrative offices	347 47	May 22, 1951
	Radio Carbon Laboratory expansion	60 00	May 23, 1951
	Sub-total	(1 502 34)	

This report was received for record.

CONTRACT FOR PAINTING IN ILLINOIS NEUROPSYCHIATRIC INSTITUTE

(24) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$10,602 to William S. Alt and Son, Chicago, the lowest bidder, for washing and painting in the Illinois Neuropsychiatric Institute. This contract will cover all washing and painting of interiors and exterior painting of all metal except windows. This work will be paid for by the Department of Public Welfare.

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

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

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(25) 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:

¹ Deduct.

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
BERT WINFRIED ANSPON	DesPlaines, Illinois	North Carolina
MARION STANLEY CELMER	Chicago, Illinois	District of Columbia
ELDON EUGENE EBBESKOTTE	Mishawaka, Indiana	Indiana
EDWARD JOHN FOX	Bellevue, Washington	New York
CHARLES NORMAN GINOLI	West Peoria, Illinois	District of Columbia
RAYMOND FORREST GREENE	Princeville, Illinois	Alabama
ROBERT JAMES MAHER	Joliet, Illinois	District of Columbia
ROY BRISCOE MATTERN, JR.	Washington, D.C.	New York
PAUL JAMES MCCANN	Chicago, Illinois	North Dakota
FRANCES HELEN SADAUSKAS	Michigan City, Indiana	Indiana
ROBERT DAVID SALTIEL	Chicago, Illinois	District of Columbia
HERMAN J. TANSKE	Chicago, Illinois	North Carolina
CHESTER GRAHAM WESTON	Evanston, Illinois	Colorado
JAMES RUSSELL WHARTON	Cassopohs, Michigan	Indiana
CARL FOSTER WHITE	Lakewood, Ohio	Missouri

I concur.

On motion of Mrs. Holt, these certificates were awarded.

**CONTRACT FOR INSTALLATION OF AIR CONDITIONING IN
EXPERIMENTAL QUARTERS IN DENTISTRY, MEDICINE,
AND PHARMACY BUILDING**

(26) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$2,973 to the Narowetz Heating and Ventilating Company, Chicago, the lowest bidder, for installation of air-conditioning equipment in one of the rooms in the Dentistry, Medicine, and Pharmacy Building which is being remodeled for housing an experimental colony of mice being brought to the University by Dr. Arthur Kirschbaum who has recently been appointed Head of the Department of Anatomy. He is using this colony for important research work on cancer for which he has received outside grants of funds.

Funds are available in an appropriation made by the Board of Trustees for this remodeling.

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

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

LEAVE OF ABSENCE FOR DIRECTOR W. ELLISON CHALMERS

(27) Professor W. Ellison Chalmers, Director of the Institute of Labor and Industrial Relations, has been asked to serve on the staff of the Wage Stabilization Board in Washington and has requested leave of absence without pay. I have approved this leave for the period beginning June 20, 1951, through August 31, 1952, and request confirmation of my action.

I shall nominate an Acting Director later. In the meantime, Professor Milton Derber will act.

On motion of Mrs. Watkins, this leave was confirmed.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(28) President Stoddard reported on the status of faculty consideration of proposals for changes in the organization of the College of Commerce and Business Administration now before the Board of Trustees on which action by the Board was deferred when these proposals were presented on May 18, 1951. He stated that Acting Dean R. R. Hudelson of the College has requested more time for the study now under way and has suggested further postponement of a decision until the July meeting of the Board.

President Livingston presented a letter from Mr. Henry C. Hawes, Chairman of the College of Commerce and Business Administration Advisory Committee, stating that his Committee has been studying the reorganization recommended to the Board and has obtained information from the Acting Dean and members of the

Executive Committee of the College, but that it is unable to submit a report at this time. The Advisory Committee expects to have its report completed by the end of June.

Further consideration of this matter was postponed.

LETTERS FROM JOHN H. LYLE AND DONALD L. KEMMERER

President Livingston reported that he had received letters from Mr. John H. Lyle, Attorney, Chicago, Illinois, and one from Professor Donald L. Kemmerer of the Department of Economics relating to certain matters of Board of Trustees policy, and that he was referring these letters to the Committee on General Policy for appropriate consideration.

COMMITTEE ON NONACADEMIC PERSONNEL

Mr. Grange, for the Committee on Civil Service and Employees, offered the following amendment of the By-Laws of the Board:

As Chairman of the Committee on Civil Service and Employees, I propose that Article IV, Section 6, of the By-Laws be amended by striking from the list of regular or standing committees the words "Civil Service and Employees" and inserting in lieu thereof the words "Nonacademic Personnel."

On motion of Mr. Grange, this amendment was adopted by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

UNIVERSITY OF ILLINOIS LEGISLATION

The Secretary of the Board reported, as a matter of official information and record, that he has received certified copies of the following acts of the Sixty-seventh General Assembly of Illinois, making appropriations to the University:

SENATE BILL 399. "An Act to provide for the ordinary and contingent expenses of the University of Illinois." (Approved by the Governor.)

This is the appropriation for the operation of the University for the two years beginning July 1, 1951.

From the General Revenue Fund:

For Personal Services.....	\$46 430 359
For Travel.....	300 000
For Office Expense.....	400 000
For Contractual Services.....	3 000 000
For Commodities.....	5 285 000
For Equipment.....	2 000 000
For Employer's Contributions to the University Retirement System of Illinois.....	1 976 432
For Permanent Improvements.....	700 000
Total.....	(\$60 091 791)

From the University Income Fund:

For Personal Services.....	\$ 7 000 000
For Contractual Services.....	1 050 000
For Commodities.....	3 500 000
For Equipment.....	1 000 000
For Refunds.....	200 000
For Contingencies and Reserves.....	3 750 000
Total.....	(\$16 500 000)
Grand Total.....	\$76 591 791

SENATE BILL 400. "An Act making an appropriation for the construction of the East Dentistry-Medicine-Pharmacy Building at the University of Illinois." (Approved by the Governor.)

From the General Revenue Fund:

For the construction at Chicago of the East Dentistry-Medicine-Pharmacy Building, with fixed equipment installed, including plans and specifications, and all necessary costs and charges incident to the completion of the work.....	\$5 025 000
For equipment for the East Dentistry-Medicine-Pharmacy Building.....	200 000
For contingencies to cover expenditures for purposes for which the amount in either of the above items enumerated is, or becomes, insufficient.....	315 000
Total.....	(\$5 540 000)

The President of the University recommended that these funds be appropriated by the Board of Trustees for the purposes indicated. The funds appropriated for the construction of the East Dentistry-Medicine-Pharmacy Building are subject to release by the Governor.

On motion of Mr. Nickell, these funds were appropriated, as recommended, by the following vote: Aye, Mr. Fornof, Mr. Grange, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Stevenson.

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

- ALMY, GERTRUDE T., Research Assistant in History, in the Graduate College, three months beginning June 15, 1951, \$800 (5-22-51).
- ARON, KARL, Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$377.50 a month, supersedes (5-17-51).
- AYERS, ROBERT L., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$440 a month, supersedes (5-17-51).
- BEHR, L. C., To give instruction in Chemistry in the Summer Session of 1951, June 22-August 18, 1951, \$1000 for the period (5-31-51).
- BLOOM, LOUIS R., Research Assistant Professor of Electrical Engineering (S), one year beginning September 1, 1951, \$6000 (5-22-51).
- BRUNNER, ELTON J., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$405 a month, supersedes (5-17-51).
- BRYANT, FREDERICK W., Assistant in Ophthalmology (Rush), in the College of Medicine, one year beginning July 1, 1950, without salary (5-24-51).
- CAIRNS, STEWART S., Professor of Mathematics, in the Graduate College, on two-fifths time, three months beginning June 1, 1951, \$1400 (this is in addition to his present appointment) (5-17-51).
- CANNON, WALTON W., Research Associate in Electrical Engineering (S), one year beginning September 1, 1951, \$5000 (5-22-51).
- COLE, DOROTHY E. L., To give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1951, on five-sevenths time, June 22-August 18, 1951, \$429 for the period (5-31-51).
- DEARDORFF, DWIGHT L., To give instruction in Pharmacy, in the College of Pharmacy, in the Summer Session of 1950, two months beginning July 1, 1950, \$1450 for the period (6-5-51).
- DOWLING, HARRY F., Professor of Medicine and Head of the Department, in the College of Medicine, indefinite tenure beginning September 1, 1951, \$15,000 a year (5-18-51).
- DYE, WILLIAM S., JR., Clinical Instructor in Surgery, in the College of Medicine, three months beginning April 1, 1951, without salary (5-17-51).

- ERNST, EDWARD W., Research Associate in Electrical Engineering (S), on three-fourths time, one year beginning September 1, 1951, \$4875 (5-22-51).
- ETTER, JAMES E., Research Associate in Electrical Engineering (S), one year beginning September 1, 1951, \$5600 (5-22-51).
- GERSHBEIN, LEON L., Research Assistant Professor of Biochemistry, in the Department of Clinical Science, in the College of Medicine, on three-fourths time, one year beginning September 1, 1950, \$3600 (6-5-51).
- GRANT, CHARLOTTE L., Associate Professor of Health Education, in the Department of Physical Education for Women, indefinite tenure beginning September 1, 1951, to render service during each academic year, \$6500 a year (5-17-51).
- HAASE, ERNST, Consultant to Illinois Eye and Ear Infirmary, in the Department of Neurology and Neurological Surgery, in the College of Medicine, on one-fifth time, five months beginning April 1, 1951, \$125 a month; in addition to \$125 a month paid by the Department of Public Welfare, for which the University assumes no responsibility (5-17-51).
- HAMILTON, NORMAN T., Research Associate in Mathematics, in the Graduate College, one year beginning September 1, 1951, \$3000 (for the convenience of the University he will also be furnished with living quarters) (5-21-51).
- HAUCK, DAVID W., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$440 a month, supersedes (5-17-51).
- HEESCHEN, DAVID S., Research Assistant in Astronomy, in the Graduate College, two months beginning June 16, 1951, \$266.66 a month (5-22-51).
- HEWITT, JOHN M., Instructor in Radiology (Rush), in the College of Medicine, for one year beginning January 15, 1951, without salary, supersedes (5-17-51).
- HOLSHOUSER, DON F., Research Assistant Professor of Electrical Engineering (S), one year beginning September 1, 1951, \$6200 (5-22-51).
- JUDY, WILLIAM S., Instructor in Radiology, in the College of Medicine, for one year beginning January 1, 1951, without salary, supersedes (5-17-51).
- KLEINSCHMIDT, WILLIAM H., Clinical Assistant in Medicine, in the College of Medicine, four months beginning May 1, 1951, without salary (5-17-51).
- KOWALSKI, LEONARD F., Assistant in Surgery, in the College of Medicine, two months beginning May 1, 1951, without salary (5-17-51).
- LAMKIN, MRS. GLENNA, To give instruction in Home Economics in the Summer Session of 1951, on seven-tenths time, June 22-August 18, 1951, \$716 for the period (5-31-51).
- LARROWE, BOYD T., Research Assistant, Electronic Digital Computer, in the Graduate College, June 16-August 31, 1951, \$300 a month (5-24-51).
- LARSON, BRUCE L., Instructor in Dairy Biological Chemistry (Dairy Science), in the College of Agriculture, on one-half time, and in the Agricultural Experiment Station, on one-half time, two months beginning July 1, 1951, \$395.83 a month (5-10-51).
- MCILRATH, PATRICIA, To give instruction in the Department of Speech in the Summer Session of 1951, on one-half time, June 22-August 18, 1951, \$423 for the period, supersedes (5-31-51).
- NICKELS, WALTER A., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$367.50 a month, supersedes (5-17-51).
- NORBERG, RICHARD E., Research Associate in Physics (S), six months beginning March 1, 1951, \$6300 a year, supersedes (5-22-51).
- ORNDORFF, JOHN R., Clinical Instructor in Surgery, in the College of Medicine, four months beginning May 1, 1951, without salary (5-17-51).
- PIH, MRS. KATHERINE D., Microanalyst in Chemistry, four months beginning May 1, 1951, \$225 a month (5-31-51).
- RASMUSSEN, CAROL N., To give instruction in the Nursery School, in the Division of Special Services for War Veterans, in the Summer Session of 1951, on five-sevenths time, June 22-August 18, 1951, \$429 for the period (5-31-51).
- REESE, MRS. MARY C., Instructor in Social Welfare Administration, one year beginning September 1, 1951, to render service during the academic year, \$4200 (5-17-51).
- ROBERTSON, JAMES E., Research Assistant, Electronic Digital Computer, in the Graduate College, June 16-August 31, 1951, \$300 a month (5-24-51).
- ROGERS, RAMONA J., Research Assistant in the Bureau of Economic and Business Research, three months beginning June 15, 1951, \$250 a month, supersedes (5-26-51).

- RUSSEL, DARRELL A., Assistant in Soil Fertility, in the Department of Agronomy (S), three months beginning June 1, 1951, \$291.66 a month (5-14-51).
- SALOOM, JOSEPH A., Research Associate in Electrical Engineering (S), one year beginning September 1, 1951, \$5700 (5-22-51).
- SCHWETZ, MICHAEL J., Research Assistant in Psychology, in the Graduate College, May 1, 1951-August 31, 1952, \$350 a month, supersedes (5-18-51).
- SHAFER, P. R., To give instruction in Chemistry in the Summer Session of 1951, June 22-August 18, 1951, \$867 for the period (5-31-51).
- SHAHANI, KHEMCHAND MOTUMAL, Assistant in Food Technology (S), four months beginning May 1, 1951, \$320 a month (5-31-51).
- SMITH, ALBERT W., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$395 a month, supersedes (5-17-51).
- STILLWELL, GARDINER B., To give instruction in English in the Summer Session of 1951, June 22-August 18, 1951, \$978 for the period (5-31-51).
- STONECIPHER, JESSE W., Chief Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$550 a month, supersedes (5-17-51).
- TINSLEY, CLYDE H., Flight Instructor in the Institute of Aviation, four months beginning May 1, 1951, \$412.50 a month, supersedes (5-17-51).
- TUCKER, THOMAS C., Assistant in Soil Fertility, in the Department of Agronomy (S), three months beginning June 11, 1951, \$291.66 a month (5-17-51).
- ULLREY, DUANE E., Assistant in Animal Science (S), June 18-August 31, 1951, \$245 a month (5-22-51).
- WILSON, WILFRID, To give instruction in Mathematics in the Summer Session of 1951, June 22-August 18, 1951, \$934 for the period (5-31-51).
- WOZGIN, JULIA E., Clinical Assistant in Nursing, in the School of Nursing, three months beginning June 1, 1951, \$210 a month; for her convenience she will also be furnished with room and board valued at \$40 a month, supersedes (5-31-51).
- YANG, CHEN NING, Research Associate in Physics (C), two months beginning June 16, 1951, \$700 a month (5-14-51).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on May 21, 1951, except where otherwise indicated in parenthesis.)

Accountancy

OVERHOLTZER, RICHARD L., Fellow, nine months beginning September 16, 1951, \$700.

Agricultural Economics

COPPERSMITH, ROBERT L., Fellow, nine months beginning September 16, 1951, \$850.

HARRIS, JOHN T., Wright Fellow, nine months beginning September 16, 1951, \$850 (5-14-51).

Agricultural Education

HINDERLITER, HOBART R., Wright Fellow, nine months beginning September 16, 1951, \$700 (5-31-51).

Agronomy

KINGSBURY, CHARLES H., Fellow, nine months beginning September 16, 1951, \$850.

SCOTT, JOHN T., JR., Wright Fellow, September 16, 1951-January 31, 1952, \$350 (5-14-51).

Botany

HECK, WALTER W., Fellow, nine months beginning September 16, 1951, \$850.

Ceramic Engineering

GODEJAHN, GORDON C., Edward Orton Jr. Fellow, ten months beginning September 1, 1951, \$1000 (5-11-51).

Chemical Engineering

KRAEMER, HERBERT F., Ethyl Corporation Fellow, September 16, 1951-June 15, 1952, \$1200 (5-11-51).

Chemistry

MURDOCK, KEITH C., Fellow, nine months beginning September 16, 1951, \$850.

VEAZEY, THOMAS M., Fellow, nine months beginning September 16, 1951, \$850.

WAY, JOHN W., Minnesota Mining & Manufacturing Company Fellow, nine months beginning September 16, 1951, \$1200 (5-28-51).

Civil Engineering

MORRISON, HAROLD L., Fellow, nine months beginning September 16, 1951, \$700.

WAH, THEIN, Fellow, nine months beginning September 16, 1951, \$1000.

Dairy Science

FRIEDMAN, MISCHA E., Fellow, nine months beginning September 16, 1951, \$850.

Economics

RYBAR, RICHARD F., Fellow, nine months beginning September 16, 1951, \$850.

Education

BIRCH, SHIRLEY J., Fellow, nine months beginning September 16, 1951, \$700 (5-18-51).

HAMBRO, VILHELM CATA GRIEG, Fellow, nine months beginning September 16, 1951, \$850 (5-25-51).

LIEBERMAN, MYRON, Fellow, nine months beginning September 16, 1951, \$1000.

Electrical Engineering

SCHOWENGERDT, HENRY A., Fellow, nine months beginning September 16, 1951, \$700.

TANG, YAU-CHIEN, Fellow, nine months beginning September 16, 1951, \$1000.

WEIL, RAOUL B., Fellow, nine months beginning September 16, 1951, \$700.

English

BEATY, JEROME, Nonresident Fellow, one year beginning June 15, 1951, \$3000 (4-17-51).

Geography

HULL, WILLIAM R., Fellow, nine months beginning September 16, 1951, \$700.

Geology

AXFORD, RONALD S., Fellow, nine months beginning September 16, 1951, \$700.

SASS, DANIEL B., Fellow, nine months beginning September 16, 1951, \$850.

History

HOOD, JAMES F., Fellow, nine months beginning September 16, 1951, \$700.

Library Science

MICHALOVA, DAGMAR, Fellow, nine months beginning September 16, 1951, \$700.

Management

BARBOUR, WILSON, Fellow, nine months beginning September 16, 1951, \$700.

Mathematics

HASHISAKI, JOSEPH, Fellow, nine months beginning September 16, 1951, \$850.

RHEAMS, CHARLES, Fellow, nine months beginning September 16, 1951, \$850.

Mechanical Engineering

HUANG, TZU-CHUEN, Fellow, nine months beginning September 16, 1951, \$1000.

TAO, LIANG-NENG, Fellow, nine months beginning September 16, 1951, \$850.

Physicochemical Biology

SWAIN, JAMES B., Fellow, nine months beginning September 16, 1951, \$850.

Physics

HELLY, WALTER S., Fellow, nine months beginning September 16, 1951, \$850.

JOHNSON, RICHARD L., Fellow, nine months beginning September 16, 1951, \$700.

MARCUS, ALMA, Fellow, nine months beginning September 16, 1951, \$850.

Plant Pathology

BERAHA, LOUIS, Fellow, nine months beginning September 16, 1951, \$850.

Political Science

SHULL, GORDON, Fellow, nine months beginning September 16, 1951, \$700.

THORSON, LLOYD W., Fellow, February 1-June 15, 1952, \$350.

Social Sciences

PIERCE, GLADYS I., Fellow, nine months beginning September 16, 1951, \$700.

Social Welfare Administration

SPERGEL, IRVING A., Fellow, nine months beginning September 16, 1951, \$850.

Sociology and Anthropology

WAITZMAN, AVIVA S., Fellow in Sociology, nine months beginning September 16, 1951, \$700.

Spanish and Italian

JACKSON, W. RICHARD, JR., Fellow in Spanish, nine months beginning September 16, 1951, \$1000.

Zoology

MARTIN, NORMAN D., Fellow, nine months beginning September 16, 1951, \$850.

TORCH, REUBEN, Fellow, nine months beginning September 16, 1951, \$1000.

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

BECKSTROM, JANICE E., Assistant in Agricultural Economics (E) — resignation effective 7-1-51.

BENNE, KENNETH D., To give instruction in Education in the Summer Session of 1951 — declination effective 6-22-51.

BROMBERG, MRS. RUTH L., Instructor in Pediatrics, and Clinical Psychologist, in the College of Medicine — resignation effective 6-1-51.

BRONSON, BARBARA, Bibliographer, with the rank of Instructor, in the Library — resignation effective 6-16-51.

BROWN, ARNOLD L., JR., Assistant in Surgery (Rush), in the College of Medicine — resignation effective 4-1-51.

CAGLE, MRS. WINIFRED B., Assistant in Home Economics (C) — resignation effective 6-15-51.

DILLAVOU, ESSEL R., To give instruction in the Department of Business Organization and Operation in the Summer Session of 1951 — declination effective 6-22-51.

FAIST, PATRICIA K., Assistant Teacher in the Nursery School, in the Division of Special Services for War Veterans — resignation effective 9-1-51.

FALK, FELIX, Fellow in Chemistry — declination effective 9-16-51.

FITZGERALD, W. LYLE, Fellow in Agricultural Economics — resignation effective 5-1-51.

FOX, RICHARD C., Fellow in Chemistry — resignation effective 9-16-51.

GILMAN, CHARLES F., Fellow in French — resignation effective 9-16-51.

GRANT, CHARLOTTE L., Associate Professor of Health Education, in the Department of Physical Education for Women — declination effective 9-1-51.

GRAVES, DAN W., Acquisition Assistant, and Photographic Reproduction Laboratory Assistant, in the Library — resignation effective 6-1-51.

HARRIS, JOHN T., Wright Fellow in Agricultural Economics — declination effective 9-16-51.

HAUCK, DAVID W., Flight Instructor in the Institute of Aviation — resignation effective 6-24-51.

HEARN, MRS. JUNE M., Research Assistant in Chemistry — resignation effective 6-1-51.

HEARN, WALTER R., Upjohn Company Fellow in Chemistry — resignation effective 6-30-51.

JOHNSON, MRS. IDA B., Instructor in Home Economics (C) — resignation effective 8-31-51.

KENNADY, JOHN C., Roche Fellow in Pharmacology, in the College of Medicine — resignation effective 4-1-51.

- KINGSBURY, CHARLES H., Fellow in Agronomy — declination effective 9-16-51.
- KIRTS, ARTHUR L., Henry Strong Fellow in Civil Engineering — declination effective 9-16-51.
- KITSUSE, NELSON Y., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy — resignation effective 6-21-51.
- KNIERING, ROBERT F., Research Assistant in Medicine, in the College of Medicine — resignation effective 6-13-51.
- KNOX, ELLIS G., Assistant in Soil Physics, in the Department of Agronomy (S) — resignation effective 4-30-51.
- KROMREY, JOHN M., To give instruction in Physical Education for Men, in the Undergraduate Division in Chicago, in the Summer Session of 1951 — declination effective 6-25-51.
- MARTIN, ALICE M., Education, Philosophy, and Psychology Library Assistant — resignation effective 9-1-51.
- MCVOY, ROBERT J., Instructor in Ceramic Engineering (C) — resignation effective 8-31-51.
- MILLER, RICHARD P., Upjohn Company Fellow in Chemistry — resignation effective 6-30-51.
- MODESITT, GEORGE E., Fellow in Physics — resignation effective 9-16-51.
- NACHTMANN, FRANCIS W., To give instruction in French in the Summer Session of 1951 — declination effective 6-22-51.
- OLDFATHER, MARGARET, Assistant Professor of Library Science, and Catalog Librarian — resignation effective 8-1-51.
- PARSONS, MALCOLM B., Assistant Professor of Labor and Industrial Relations — declination effective 9-1-51.
- PEASLEY, MARY P., Library Assistant in the Undergraduate Library — resignation effective 6-1-51.
- PIGOTT, MILES T., Research Assistant in Physics (C) — resignation effective 7-1-51.
- RATHBONE, DONALD E., Fellow in Electrical Engineering — cancellation effective 9-16-51.
- SHERK, PETER M., Fellow in Physics — resignation effective May 1, 1951.
- SMITH, ALBERT W., Flight Instructor in the Institute of Aviation — resignation effective 6-24-51.
- STIEHL, R. THOMAS, Fellow in Chemistry — resignation effective 9-16-51.
- STOLZ, ARTHUR B., Instructor in Journalism — resignation effective 8-31-51 and Journalism Librarian — resignation effective 6-23-51.
- SUSINA, MRS. BETTY J., Registered Pharmacist in Hospital Pharmacy, in the College of Pharmacy — resignation effective 6-16-51.
- TEVNAN, JOHN E., Fellow in English — resignation effective 9-16-51.
- TITLEY, RICHARD J., Adjutant of the Armed Forces — resignation effective 5-31-51.
- VAN NORDEN, MRS. FLORENCE J., Instructor in Home Economics (C) — resignation effective 8-31-51.
- WOMELDORPH, RAYMOND C., Research Assistant in Ceramic Engineering (S) — resignation effective 7-1-51.

LEAVES OF ABSENCE

- AMADOR, LUIS V., Research Associate in Neurology and Neurological Surgery, in the College of Medicine — leave of absence, at the expense of the Rockefeller Foundation, three months beginning May 22, 1951, for a trip to Germany to secure scientific materials.
- CHALMERS, W. ELLISON, Professor of Economics, in the College of Commerce and Business Administration and in the Institute of Labor and Industrial Relations, and Director of the Institute of Labor and Industrial Relations — leave of absence, without salary, June 20, 1951-September 1, 1952, so that he may accept an assignment with the Wage Stabilization Board in Washington.
- CHERNOFF, HERMAN, Assistant Professor of Mathematics — leave of absence, without salary, for the first semester of 1951-1952, so that he may do some work at the Applied Mathematics and Statistics Laboratory at Stanford University, California.
- COLE, WARREN H., Professor of Surgery and Head of the Department in the College of Medicine, and Professor of Surgery and Surgeon-in-Chief of Operating Room

- in the University of Illinois Hospitals — leave of absence, with full pay April 12-July 1, 1951.
- HAEBERLIN, JOHN B., JR., Clinical Instructor in Dermatology, in the College of Medicine — leave of absence, with salary, April 12-May 17, 1951, on account of illness.
- JACOBS, HARRY J., Assistant in Accountancy, in the Department of Business Organization and Operation — leave of absence, without salary, April 16-June 15, 1951, for military service.
- MARCUS, PAUL M., Research Assistant Professor of Physics (C) — leave of absence, without salary, three months beginning July 15, 1951, for service to the Office of Naval Research.
- ODELL, RUSSELL T., Associate Professor of Soil Physics (Agronomy) (C) and (S) — leave of absence, without salary, July 1, 1951-March 15, 1952, to assist in a soil survey in east central Africa.
- OTTERSON, PEDER A., Assistant in the Institute of Aviation — leave of absence, without salary, three months beginning June 1, 1951, or until prior release from the Army, for military service.
- RUSSELL, JOSEPH A., Professor of Geography and Head of the Department — leave of absence, without salary, beginning September 1, 1951, and continuing until further notice, for military service.
- SMYTHE, DALLAS, Professor of Economics, and Research Professor, in the Institute of Communications Research — leave of absence, with salary, May 18-May 30, 1951, to render special technical assistance to the National Association of Educational Broadcasters.
- TIGHE, JOHN P., Instructor in Physical Education for Men, in the Undergraduate Division in Chicago — leave of absence, without salary, beginning September 1, 1951, and continuing until the end of the academic year, or until prior release from the Army, for military service.
- TYLMAN, STANLEY D., Professor of Crowns and Fixed Partial Dentures, and Head of the Department, in the College of Dentistry — leave of absence, with salary, one month beginning July 1, 1951.
- ZIROLI, NICOLA V., Assistant Professor of Art — leave of absence, with full salary, to the end of the present semester.

DEGREES CONFERRED IN JUNE, 1951

The Secretary presented for record the following list of degrees to be conferred at the Commencement Exercises on June 15 on candidates from the Chicago Professional Colleges and on June 17 on candidates from the colleges and schools at Urbana-Champaign.

Summary

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	115
Doctor of Education.....	3
Civil Engineer.....	1
Advanced Certificate in Education.....	1
Master of Education.....	36
Master of Social Work.....	22
Master of Arts.....	141
Master of Science.....	397
Master of Fine Arts.....	6
Master of Music.....	1
<i>Total, Graduate College.....</i>	<i>723</i>

Degrees in Law, conferred at Urbana:

Bachelor of Science.....	18
Bachelor of Laws.....	57
Doctor of Law.....	8
<i>Total, Law.....</i>	<i>83</i>

Baccalaureate Degrees, conferred at Urbana:	
Bachelor of Science, College of Agriculture	283
Bachelor of Science, College of Engineering	442
Bachelor of Arts, College of Liberal Arts and Sciences	353
Bachelor of Science, College of Liberal Arts and Sciences	327
Bachelor of Science, Library School	4
Bachelor of Science, College of Education	114
Bachelor of Science, College of Commerce and Business Administration	343
Bachelor of Science, School of Journalism and Communications	95
Bachelor of Science, College of Fine and Applied Arts	145
Bachelor of Fine Arts, College of Fine and Applied Arts	44
Bachelor of Music, College of Fine and Applied Arts	7
Bachelor of Science, School of Physical Education	72
Bachelor of Science, Division of Special Services for War Veterans	174
Bachelor of Science, College of Veterinary Medicine	23
<i>Total, Baccalaureate Degrees</i>	<i>2,426</i>
<i>Total, Degrees Conferred at Urbana</i>	<i>3,232</i>
Degrees in Dentistry, conferred in Chicago:	
Bachelor of Science in Dentistry	38
Doctor of Dental Surgery	62
<i>Total, Dentistry</i>	<i>100</i>
Degrees in Medicine, conferred in Chicago:	
Bachelor of Science in Medicine	139
Bachelor of Science in Occupational Therapy	12
Doctor of Medicine	163
<i>Total, Medicine</i>	<i>314</i>
Degrees in Nursing, conferred in Chicago:	
Diplomas in Nurse Training	(34)
Bachelor of Science in Nursing	I
Degrees in Pharmacy, conferred in Chicago:	
Bachelor of Science in Pharmacy	124
Degrees in the Graduate College, conferred in Chicago:	
Doctor of Philosophy	6
Master of Science	57
<i>Total, Graduate College</i>	<i>63</i>
<i>Total, Degrees Conferred in Chicago</i>	<i>602</i>
<i>Total, Urbana and Chicago</i>	<i>3,834</i>

Degrees Conferred June 17, 1951, at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

WILLIAM LOUIS CAMPFIELD, B.C.S., New York University, 1933; M.B.A., University of Minnesota, 1937

ROBERT MINOR JAMES, B.S., M.S., 1943, 1948

DOROTHY ALBIETZ LITHERLAND, B.S., M.S., 1945, 1946

In Agricultural Economics

GERALD ROBERT ABENHAUS, B.S., A.M., University of Nebraska, 1943, 1949

FREDERICK MALLORY SCHRADER, B.S., M.S., University of Saskatchewan, 1938, 1940

VINCENT IRVING WEST, B.S., M.S., 1946, 1947

In Agronomy

KUANG-LU CHENG, A.B., National Northwestern College of Agriculture, 1941; M.S., 1949

HENRY HULTMAN HADLEY, B.S., 1940; M.S., Texas Agricultural and Mechanical College, 1942

WILLIAM EARNEST KENNEDY, B.S., M.S., 1943, 1947
MAX MERLE MORTLAND, B.S., 1946; M.S., 1947, 1950
ALTO ELDO ROYER, B.S., M.S., Purdue University, 1941, 1947
PAUL SIMINOFF, B.S., Michigan State College, 1948; M.S., 1949

In Animal Nutrition

ROBERT OLAF NESHEIM, B.S., M.S., 1943, 1950
WILLIAM HARVEY PFANDER, B.S., University of Missouri, 1948; M.S., 1949

In Animal Science

PAUL BRUCE BROWN, B.S., Mississippi State College, 1932; M.S., 1947
VERLIN KENNETH JOHNSON, B.S., University of Nebraska, 1942; M.S., 1947
WILLIAM GARFIELD KAMMLADE, JR., B.S., M.S., 1948, 1949

In Bacteriology

WILLIAM FRANCIS DeLORENZO, B.S., M.S., 1943, 1947

In Botany

RICHARD KEITH BENJAMIN, B.S., M.S., 1947, 1949
FLORENCE ELIZABETH NEELY, A.B., M.S., State University of Iowa, 1942, 1944
JUSTIN HERMAN REINHART, A.B., Augustana College, 1947; M.S., University of
New Mexico, 1948

In Ceramic Engineering

JAMES HUESTON HEALY, B.S., M.S., 1944, 1949
HAROLD GENE SOWMAN, B.S., M.S., 1948, 1949

In Ceramics

VARTHAKAVI KRISHNA MOORTHY, B.Sc., M.Sc., Andhra University, 1944, 1946;
M.S., 1950

In Chemical Engineering

LLOYD GEORGE BLOSSER, B.S.E., University of Michigan, 1944
CHIA-YUNG CHEN, B.S., National Central University, 1943; M.S., 1949
WILLIAM PAUL HAGENBACH, B.S., M.S., University of Rochester, 1944, 1947

In Chemistry

ROBERT GRIMSHAW BANNISTER, B.S., Rose Polytechnic Institute, 1946; M.S., 1948
CHARLES HERBERT BENTON, B.S., University of Kansas, 1948
WILLIAM WESLEY BURR, JR., A.B., University of Nebraska, 1947; M.S., 1948
CHIA-CHEN CHU, B.S., University of Shanghai, 1944; M.S., 1949
HARRY NORMAN CRIPPS, B.S., Georgia School of Technology, 1946; B.S., University of Rochester, 1948
LEON WILLIAM CUNNINGHAM, JR., B.S., Alabama Polytechnic Institute, 1947; M.S., 1949
RICHARD LEE DALTON, A.B., Central College, 1948; M.S., 1949
WILLIAM DAVID EMMONS, B.S., University of Minnesota, 1947
RUDOLPH F. FISCHER, B.S., University of Wisconsin, 1948
EMIL WILLIAM GRIESHABER, B.S., University of Wisconsin, 1947; M.S., 1949
WILLIAM CURL HAMMANN, B.Chem., University of Minnesota, 1947
FRANK BRITT HAUSERMAN, B.S., University of Michigan, 1947; M.S., 1949
WALTER RUSSELL HEARN, A.B., Rice Institute, 1948
CARL STANLEY HORNBERGER, JR., A.B., North Central College, 1947
JENNIE CHING-I LIU, B.S., St. John's University, 1946; M.S., 1948
JOHN CLARK LORENZ, B.S., Carnegie Institute of Technology, 1948
FRANKLIN EDWIN MANGE, B.S., Massachusetts Institute of Technology, 1948
CAL YALE MEYERS, A.B., Cornell University, 1948; A.M., 1949
RICHARD PRESSLY MILLER, A.B., A.M., Miami University, 1947, 1948
FRANKLIN EDWARD MUMFORD, A.B., University of South Dakota, 1947
SEEMON HAYDEN PINES, B.S., Lehigh University, 1948; M.S., 1949
GLADYS HELEN QUINTY, B.S., 1946
KENNETH ARTHUR SCHOWALTER, B.S., Missouri School of Mines and Metallurgy, 1942; M.S., 1949

GEORGE PHILLIP SPERANZA, B.S., Southern Methodist University, 1948; M.S., 1949
IRVING ROBERT TANNENBAUM, B.S., M.S., Virginia Polytechnic Institute, 1946,
1947

VICTOR TULLIO, B.S., University of Pennsylvania, 1948
KATHARINE ROMMELL WEIDMAN, A.B., Cornell University, 1948; A.M., 1949
IRWIN MORTON WEINSTOCK, B.S., University of Oklahoma, 1947; M.S., 1948
OREN FRANCIS WILLIAMS, B.E., University of Toledo, 1943; M.S., 1947
CHARLES NATHAN WINNICK, B.S., Massachusetts Institute of Technology, 1948;
M.S., 1949
JOHN COLLINS WRIGHT, B.S., West Virginia Wesleyan College, 1948

In Civil Engineering

KAI-I DIAO, B.E., National Wu-Han University, 1941; M.S., 1948
DAH-HSUAN LEE, B.S., National Sun-Yat-Sen University, 1942; M.S., 1949
TIEN-UN LEE, B.S., Chiao-Tung University, 1940; M.S., 1948
MOSTAFA KHALIL KAMEL MOSTAFA, B.S.C., Fouad First University, 1941; M.S.,
1948
SAI-LUNG PAN, B.S., Hangchow Christian College, 1945; M.S., 1949
EMILIO ROSENBLUETH, C.E., University of Mexico, 1948; M.S., 1949
PAO-CHUN TUNG, B.S., St. John's University, 1945; M.S., 1948
TIEN HSING WU, B.S., St. John's University, 1947; M.S., 1948
HSUN-KUANG YUAN, B.S., St. John's University, 1945; M.S., 1948

In Dairy Science

WILLARD OMER NELSON, B.S., 1937; B.Ed., Northern Illinois State Teachers
College, 1941

In Economics

JOSEPH SHERIDAN BEGANDO, B.S., Kansas State Teachers College of Pittsburg,
1942; M.S., 1947
HARRY MITCHELL DIXON, B.S., 1940
JOHN SAGAN, JR., A.B., Ohio Wesleyan University, 1948; A.M., 1949
RICHARD CARRINGTON WILCOCK, A.B., Harvard College, 1942; M.B.A., Harvard
University, 1946

In Electrical Engineering

GEORGE JOHN CHAFARIS, B.S., University of Wisconsin, 1944; M.S., 1947
KOUAN FONG, B.S., National Central University, 1938; M.S., 1948
SORAB KHUSHRO GHANDHI, B.S., Benares Hindu University, 1947; M.S., 1948
JAMES SANFORD STEPHENSON KERR, B.A.Sc., University of British Columbia, 1948;
M.S., 1949
PAUL MARVIN KINTNER, B.S., University of Kentucky, 1941; M.S., 1948
CHESTER GODFREY LOB, B.E., Tulane University, 1946; M.S., 1949
TARIK OZKER, M.S., Technical University of Istanbul, 1943
JOSEPH ABRAHAM SALOOM, JR., B.S., M.S., 1948, 1949
ROBERT KEITH SAXE, B.S., Northeastern University, 1936; M.S., 1950
SHIH-PAI TUNG, B.C.E., Hangchow Christian College, 1942; B.E.E., National
Southwest Associated University, 1946

In English

GEORGE SCOUFFAS, A.B., Bates College, 1937; A.M., 1938

In Geography

J. EDWIN BECHT, B.S., Southern Illinois University, 1947; M.S., 1948

In Geology

JACK EDWARD HARRISON, A.B., DePauw University, 1948
HAYDN HERBERT MURRAY, B.S., M.S., 1948, 1950
ROBERT SIDNEY ROTH, A.B., Coe College, 1947; M.S., 1950
ROBERT HAROLD SHAVER, B.S., M.S., 1947, 1949

In German

MAX DUFNER, A.B., University of Missouri, 1942; A.M., 1947

In History

FRANKLIN DALLAS PARKER, A.B., Greenville College, 1939; A.M., 1949
 LOUIS UNFER, B.S., Northeast Missouri State Teachers College, 1920; M.S., 1929

In Horticulture

TORU ARISUMI, B.S., University of Hawaii, 1947; M.S., 1949
 CHARLES YESBRA ARNOLD, B.S., M.S., Ohio State University, 1939, 1945

In Mathematics

PAUL F. CONRAD, B.S., M.S., 1948, 1949
 BERNARD EUFINGER HOWARD, B.S., Massachusetts Institute of Technology, 1944; M.S., 1947
 JOHN RANKIN KINNEY, B.S., University of Idaho, 1939; M.S., University of Chicago, 1941
 GEORGE FRANCIS LEGER, JR., B.S., University of Pittsburgh, 1945; M.S., 1948
 WILLIAM ROLEN ORTON, JR., A.B., University of Arkansas, 1946; A.M., 1948

In Mechanical Engineering

CHENG SHIH, B.S., National Pei-Yang Engineering College, 1939; M.S., 1948

In Physics

JOHN SANBORN BLAIR, B.S., Yale University, 1943; M.S., 1949
 MARIUS COHN, B.Physics, University of Minnesota, 1941; M.S., 1946
 YIN-YUAN LI, B.S., National Southwest Associated University, 1943; M.S., University of Washington, 1948
 STUART PHINNEY LLOYD, B.S., University of Chicago, 1943; M.S., 1949
 JEHUDA OVADIA, A.B., Brooklyn College, 1944; M.S., 1947
 GEORGE WAYNE RODEBACK, B.S., University of Idaho, 1942; M.S., 1947
 PETER MORGAN SHERK, B.S., Purdue University, 1943; M.S., 1947
 SHI-SHU WU, B.S., National Tung-Chi University, 1944; M.S., 1948
 EDWARD JOHN ZIMMERMAN, A.B., University of Kansas, 1945; M.S., 1947

In Psychology

ERIC DREIKURS, B.S., M.S., 1946, 1948
 ROGER GENE STEWART, A.B., A.M., 1947, 1948

In Theoretical and Applied Mechanics

HARRY HERBERT HILTON, B.Aero.E., M.Aero.E., New York University, 1947, 1949
 KIN NEE TONG, B.S., Chiao-Tung University, 1945; M.M.E., Syracuse University, 1949

In Veterinary Pathology and Hygiene

PAUL DONALD BEAMER, D.V.M., Ohio State University, 1941; M.S., 1945
 ROGER PAUL LINK, D.V.M., Iowa State College, 1934; M.S., Kansas State College of Agriculture and Applied Science, 1938

In Zoology

THOMAS DE PINNA BAIR, A.B., DePauw University, 1946; A.M., Indiana University, 1947

Degree of Doctor of Education

MELVIN CHARLES BAKER, A.B., A.M., Ed.M., 1932, 1937, 1949
 THOMAS ARTHUR PHILLIPS, B.Ed., Southern Illinois University, 1938; M.S., Ed.M., 1941, 1947
 JOHN CURTIN ROBERTS, A.B., Illinois College, 1925; A.M., 1932

*Professional Degrees**Degree of Civil Engineer*

DON WALKER MCGLASHON, B.S., 1925

Advanced Certificate in Education

ANITA LOUISE DOWLER, B.Ed., Eastern Illinois State College, 1941; M.S., 1946

Degree of Master of Education

ANTONIO ALTAMAR, B.Ed., Universidad-Interamericana (Panama), 1944
 J. GILMAN ANDERSON, A.B., Indiana University, 1941
 RUDOLPH ROBERT BRODA, B.S., Washington University, 1950
 CHARLES ELTON BURLESON, B.S., Mississippi Southern College, 1939; M.S., 1950
 DONALD CHARLES CARMICHAEL, B.S., Eastern Illinois State College, 1949
 RAYMOND LEROY DEMOULIN, B.S., Eastern Illinois State College, 1950
 GORDON WESLEY FIELDER, JR., B.S., University of Kansas, 1940; M.S., 1941
 MARILYN LEADER FISCHER, A.B., Roosevelt College, 1950
 JAMES LYNN HANSON, B.S., Lawrence College, 1948
 JAMES VERNON HIGGINS, B.S., 1950
 JOHN FRANKLIN JENKINS, B.S., 1950
 CHARLES EDGAR JOHNSON, B.Ed., New York State Teachers College (Geneseo), 1947; A.M., University of California, 1948
 ERIC HENRY JOHNSON, B.Ed., Illinois State Normal University, 1939; M.S., 1944
 FOSTER KEAGLE, A.B., North Central College, 1929; A.M., New York University, 1934
 INA RUTH MILLER KLETTE, B.S., Eastern Illinois State College, 1949
 BETTY DENNIS KNAPP, B.S., Eastern Illinois State College, 1950
 CONSTANTINE GEORGE LALOPOULOS, Diploma, Teacher's College (Larissa, Greece), 1929; Diploma, Athens University, 1936, 1945
 JOE LEIBER, A.B., McKendree College, 1951
 DENVER G. D. LOGAN, B.S., Arkansas Polytechnic College, 1950
 DUNCAN MACLEOD, A.B., 1948
 ELIZABETH RUTH MITCHELL, A.B., Ohio University, 1949
 GLADYS LARSON PASEL, A.B., Syracuse University, 1926
 KHAIME RISKIN, B.S., Ed.M., University of California, 1949, 1950
 JOE LEE SAUPE, B.S., Missouri Valley College, 1950
 BOHUMIL FRANZ SCHUBERT, B.S., 1935
 WILLIAM KEITH SHAW, B.S., 1949
 SICILY ANN SMEDSVIK, B.S., Oregon State College, 1948; A.M., 1949
 ANGELA WATSON SPEED, A.B., Dillard University, 1949
 KEITH RAYMOND STONE, B.S., Drake University, 1950
 ELLIS C. SWADLEY, JR., B.S., A.M., Ball State Teachers College, 1946, 1948
 GLOVER EMERSON TULLY, B.S., A.M., University of Florida, 1936, 1938
 LOUIS WILLIAM WAPPEL, B.S., 1950
 ROBERT VERNON WATSON, B.S., Bradley University, 1950
 LAVERNE HARRY WENZELMAN, B.S., Illinois State Normal University, 1946
 THOMAS EMIL WOODSTRUP, B.S., Northern Illinois State Teachers College, 1949
 JAMES HENRY ZIMMERMAN, B.S., Illinois State Normal University, 1947

Degree of Master of Social Work

MARILYN MARIE ESSLINGER, B.S., University of South Carolina, 1949
 ALICE MARIE GORDON, A.B., 1949
 HILMA LAVERN HAWKINS, A.B., Illinois College, 1945
 BOB LAVERNE HENDERSON, A.B., Greenville College, 1949
 NATHAN ROBERT HORWITZ, A.B., University of Minnesota, 1949
 ALLAN MYRON HOSLER, A.B., North Central College, 1949
 ALICE CARLSON HOUGH, B.S., University of Chicago, 1932
 ADA BLOOMY KAHN, B.S., University of Minnesota, 1928
 DOROTHY KOOISTRA KAMSTRA, A.B., Calvin College, 1949
 DOROTHY ROGERS LIVINGSTON, B.S., George Williams College, 1944
 RUTH DRURY MACDONALD, B.S., Ohio State University, 1948
 RUTH PORTER MARTIN, A.B., Oberlin College, 1942
 MARY SHANNON MITCHELL, A.B., 1944
 JOSEPHINE OSTROM OUDYN, A.B., A.M., 1940, 1941
 CHARLES WENDELL PLAPP, B.Ed., Northern Illinois State Teachers College, 1938
 FAYE HUGHES PRICE, A.B., West Virginia State College, 1943
 LENA SEITZ ROBERTSON, B.S., Northeastern State College, 1932
 BARBARA ROSENBLUM, A.B., 1946
 PAUL RUBINSTEIN, B.S., 1949

MARJORIE ANN SAGRAVES, B.S., 1948
 HAROLD SIEGEL, B.S., George Williams College, 1949
 SOL WINER, A.B., 1942

Degree of Master of Arts

In Chemistry

STACY ALAN ASPEY, A.B., Reed College, 1950

In Economics

RICHARD E. BRUMBERG, Ph.B., University of Chicago, 1948
 GEORGE FRANKLIN CURRIE, A.B., Wilberforce University, 1949
 RUDOLF P. GEISLER, Diplom-Volkswirt, Erlangen University, 1950
 PAUL G. M. HERINCKX, Doctor in Law, Catholic University of Louvain, 1950
 LEWIS LANGDON HERNDON, A.B., Carleton College, 1950
 LAURENCE VERNON JOHNSON, A.B., College of William and Mary, 1950
 CAMPBELL R. MCCONNELL, A.B., Cornell College, 1950
 THOMAS EUGENE WENZLAU, A.B., Ohio Wesleyan University, 1950

In Education

OLIVIA ELIZABETH BANKS, A.B., Stowe Teachers College, 1946
 FRANCES POND BAULOS, A.B., Illinois College, 1948
 BERNICE AURELIA BOLAR, A.B., Stowe Teachers College, 1931
 JOSEPH VIRGIL BONEFESTE, A.B., 1948
 LAWRENCE RAYMOND BRINK, B.S., Northern Illinois State Teachers College, 1948
 ETHEL LOUISE CASSIDA, B.Ed., Eastern Illinois State College, 1943
 MARY CATHERINE COLE, B.S., Mundelein College, 1943
 FERNE SCHOMBURG CROUSE, B.S., 1949
 VERNA LOUISE FLESNER, A.B., 1948
 EILEEN WEILMUENSTER GRECO, A.B., 1939
 CHARLES CONRAD HOLT, B.S., Southeast Missouri State College, 1949
 CECIL DEAN KEITHLEY, B.S., 1941
 MARGARET ETHEL KINSELLA, B.Ed., Illinois State Normal University, 1948
 ANGELINE LUSINGER, A.B., State University of Iowa, 1929
 MELANIE BERNICE MADISON, A.B., Stowe Teachers College, 1934
 VELMA HARVEY MARR, B.Ed., Southern Illinois University, 1938
 KENNETH CHARLES MCALISTER, B.Ed., Illinois State Normal University, 1938
 GLADYS GONZALEZ MIRANDA, A.B., Lindenwood College, 1949
 DAVID FREDERICK MOERKE, A.B., Carthage College, 1949
 SARAH ROSE PHILLIPS, B.S., 1942
 CALVIN NATHANIEL POLLARD, A.B., 1950
 CHARLES EDGAR RAYBORN, A.B., Shurtleff College, 1947
 STEPHEN WALTER READ, A.B., 1948
 RONALD RODERICK RHOADES, B.S., Northern Illinois State Teachers College, 1950
 GEORGE CARL SCHOTTENHAMEL, A.B., North Central College, 1941; A.M., 1947
 LAVONNE SPIERS, B.S., Illinois State Normal University, 1943
 WILLIAM MAURICE TONKIN, A.B., 1949
 MARGARET O'NEAL ZWICK, A.B., 1936

In English

ROBERT WILLIAM BARZAK, A.B., Agricultural and Mechanical College of Texas, 1949
 JOHN JOSEPH CARROLL, A.B., 1950
 ALFRED KENDALL CARTER, A.B., 1949
 MARIBETH KNIGHT CONKIN, A.B., Culver-Stockton College, 1941
 ALVIN IRWIN DUST, A.B., 1950
 IRL ALBERT FERGUSON, B.Ed., Illinois State Normal University, 1938
 JOHN LEWIS FORBES, B.S., 1948
 RAY WILLIAM FRANTZ, JR., A.B., University of Nebraska, 1948; M.S., 1949
 FREDERICK WILLIAM JAUCH, A.B., 1946
 MARY VIRGINIA LAMSON, A.B., Greenville College, 1948

JAMES OTTIS MOORE, A.B., 1950
RAYMOND EARL O'NEILL, A.B., 1950
HENRY PANNUTO, JR., A.B., University of Colorado, 1949
SUSAN DEUEL SHATTUCK, A.B., 1930
JOHN HAZEL SMITH, A.B., 1949
RICHARD ARTHUR SMITH, B.S., 1950
CHARLOTTE MARY WARREN, A.B., Ball State Teachers College, 1944
NANCY LEE WHEELER, A.B., MacMurray College, 1950
ROGER EDWIN WIEHE, A.B., Yale University, 1950
ROBIN SCOTT WILSON, A.B., Ohio State University, 1950

In French

ALICE WELLS BERNABUCCI, A.B., Wittenberg College, 1936
FAYE IRENE DEWEY, B.S., Northwestern University, 1949
CHARLES FRANCIS GILMAN, A.B., George Washington University, 1948; M.S., 1949
JEANNE GORDEN, B.S., Southern Illinois University, 1950
ROBERTA ROBERTS HARRISON, A.B., 1949
RUTH HEINSHEIMER HOCHSCHILD, A.B., Bryn Mawr College, 1947; A.M., 1948
PATRICIA ANN LIBBY, A.B., University of New Hampshire, 1950

In Geography

FRANK PRESSLEY BARTLEY, JR., B.S., Pennsylvania State Teachers College (Slippery Rock), 1942
RONALD MURRAY BEVERIDGE, A.B., Harvard University, 1949
PAUL MARTIN LOUIS BRUER, A.B., University of Western Ontario, 1949
RICHARD MURRAY DOWLING, A.B., Syracuse University, 1950
LILLIAN CLAIRE FLEMMING, A.B., Wayne University, 1950
JOHN CARLTON HOFER, B.S., 1950
JAMES EDWARD PATTERSON, A.B., Michigan State College, 1942
KURT JULIUS ROTHSCHILD, B.S., Syracuse University, 1950
PHILIP JAMES VAN WINKLE, A.B., Southern Illinois University, 1949

In German

CARL WALTER HEIMRICH, A.B., University of Toronto, 1949
LEE BYRON JENNINGS, A.B., Ohio State University, 1949
JOAN NICOLL, A.B., Grinnell College, 1950
ROBERT LEROY STONE, B.S., 1950

In History

ROBERT HUHN JONES, A.B., 1950
ROLAND JOSEPH McSHANOG, B.S., 1950
JOSHUA OSWALD ROMAO, A.B., University of London, 1948; A.B., Olivet Nazarene College, 1949
ALLEN WILLIAM TRELEASE, A.B., 1950
JAMES WALTER WEAVER, A.B., State University of Iowa, 1949

In Italian

LENA PERRI, A.B., University of Akron, 1945; A.M., University of Michigan, 1948

In Labor and Industrial Relations

RUTH DORIS BENDER, A.B., 1949
MAURICE ELWELL DARE, B.S., 1949
DAVID ROY FLEBBE, A.B., University of Omaha, 1949
KENNETH ROBERT HOUGLAND, A.B., Park College, 1949
JAMES ROLAND RANSOM, A.B., Antioch College, 1950
JOHN LAWSON TUCKER, B.S., Purdue University, 1949
EDWARD VAUGHAN WOOD, A.B., 1949

In Mathematics

SAMUEL ELI BENESCH, A.B., Johns Hopkins University, 1950
JACOB FELDMAN, A.B., University of Pennsylvania, 1950

BEVERLY ANN MARSHALL, A.B., Rockford College, 1949
JOHN SHAVER MELIN, A.B., Amherst College, 1950
NORMAN BATES OWEN, A.B., Cornell University, 1950

In Philosophy

GLENN OTIS BROWN, JR., B.S., Southern Illinois University, 1949
FRANCIS THOMAS FICARRA, A.B., 1950
WILLIAM RANDOLPH HERMAN, A.B., Rutgers University, 1950
GEORGE HERBERT VROOMAN, A.B., 1949

In Political Science

HENRY BUCKNER, A.B., Eureka College, 1950
GERHARD KARL DAUB, University of Frankfurt
CHARLES JOHN GRAHAM, A.B., 1950
GLADYS MARION JOHNSON, Ph.B., University of Chicago, 1924
JAMES JOSEPH MANNING, B.S., 1949

In Psychology

CHARLES DOW GRIDER, B.S., 1950
MALCOLM MORRIS HELPER, B.S., 1949
JOAN HOROWITZ, A.B., Queens College, 1949
EDWARD ROBERT OSTRANDER, A.B., Syracuse University, 1950
DONALD MYRON PAULL, B.S., 1949; A.B., Roosevelt College, 1950

In Social Sciences

THEODORE ROBERT COX, A.B., Olivet Nazarene College, 1950
CHARLES CLARK SADDLER, JR., A.B., Oakland City College, 1948

In Sociology

SEVERYN TEN HAUT BRUYN, JR., B.S., 1950
JEREMIAH FAIN EPSTEIN, B.S., 1949
EDWARD PAUL HOPPER, A.B., Illinois College, 1937
LEONARD HILL STIDLEY, B.S., 1948

In Spanish

DORIS JACQUELINE PERSINGER, A.B., 1950
RICHARD WINSTON PRICE, A.B., 1949

In Speech

PHYLLIS RUTH ARNOLD, A.B., Augustana College, 1944
MAURICE MARTIN BALSON, B.S., 1950
MELBA BERNARD BARKER, A.B., Southern University, 1948
JAHALA FOOTE DEMOULIN, B.S., Eastern Illinois State College, 1950
MERREL DEAN DILLON, A.B., Beloit College, 1950
CHARLOTTE HEFFRON, A.B., Denison University, 1948
GEORGE HENRY KURTZROCK, A.B., University of Missouri, 1949
ROSELYN LEVINBERG, B.S., University of Wisconsin, 1950
JOHN ELLIS McMULLEN, A.B., Indiana University, 1949
CLAIR DEAN ROSKAM, A.B., Lewis and Clark College, 1950
ADAM JOHN SORTINI, B.S., Boston University, 1949

In Statistics

WILLIAM KELTS GREEN, B.S., 1950
EUGENE EARL HIXSON, B.S., 1950
ROBERT JAMES MALACH, B.S., 1949

In the Teaching of Social Studies

EDWARD HENRY FISCHER, A.B., 1950
RALPH ROBERT HUEBNER, B.S., 1950
JOSEPH WILLIAM JACQUES, A.B., Rutgers University, 1950
GORDON CLIFFORD JOHNSON, A.B., 1950

FAUSTINE CHILDRESS JONES, A.B., Agricultural, Mechanical, and Normal College
(Pine Bluff, Arkansas), 1948

GERTRUDE ANN KRAMER, A.B., 1950

ALFRED CHILSON STIMES, A.B., Beloit College, 1950

ERNEST REX THOMAS, A.B., Arizona State College, 1950

In the Teaching of Speech

JAMES STEPHEN BOST, A.B., 1947

JACK HERBERT PACEY, B.S., 1940

Degree of Master of Science

In Accountancy

ANGELO JOHN ALONGI, B.S., St. Louis University, 1949

BOB OLIVER BROWN, B.S., Omaha University, 1950

LUCIUS ARCHIE WILLIAMS, JR., B.S., 1948

In Aeronautical Engineering

JOE FRANCIS BANCHE, B.S., 1949

WALTER LEROY BEDENKOP, JR., B.S., 1949

JOSEPH THOMAS EICHELBERGER, B.S., University of Maryland, 1949

CHARLES WILLIAM HURTER, B.S., 1949

VERNON FLOYD VAN HEYNINGEN, B.S., 1949

In Agricultural Economics

ROBERT ABNER BLACK, A.B., Brooklyn College, 1949

WILLIAM RUSSELL BONE, B.S., 1947

KEITH DEXTER, B.S., University of Nottingham, 1948

PAUL JACOB FERREE, B.S., 1948

WARREN FRANKLIN GOODELL, A.B., Harvard College, 1921

THOMAS JOSEPH KUBAJAK, B.S., Michigan State College, 1950

HILARY WINFRED MOORE, B.Sc., California State Polytechnic College, 1949

DUNCAN RIDLER, B.S., London School of Economics, 1949

CHARLES MARVIN SCHAEVE, B.S., 1950

CLARENCE P. SCHUMAIER, B.S., 1950

CLARENCE EUGENE SIMPSON, B.S., 1950

RALPH LAWRENCE STROCK, B.S., Pennsylvania State College, 1940

JAMES SAMUEL WEHRLY, B.S., 1949

LAWRENCE TATE WITHERSPOON, B.S., 1949

In Agricultural Engineering

JOE TODD CLAYTON, B.S., University of Tennessee, 1949

PHILIP AARON SMITH, B.S., 1942

JAMES HARVEY THOMAS, B.S., University of Georgia, 1949

In Agronomy

JOHN DAVID ALEXANDER, B.S., 1947

CHARLES BLAIR ALLEN, B.S., 1950

CHARLES EDWIN AUSTIN, B.S., 1950

JUSTIN ROBERT FUELLEMAN, B.S., 1950

JOSEPH EVERETT HUBBARD, B.S., 1939

LORIN KEITH JUMP, B.S., 1951

MAUNG PE, B.Sc., University of Rangoon, 1949

GEORGE BENJAMIN RUBY, B.S., 1950

ARTHUR GLEN SMILEY, B.S., 1943

EVERETT JAMES SMILEY, B.S., 1948

WESLEY CRAIN WILCOX, B.S., 1950

In Animal Nutrition

KENNETH WILLIAM KEANE, B.S., Murray State College, 1944

In Animal Science

EDWARD CLYDE MILLER, JR., B.S., Murray State College, 1944

In Architectural Engineering

LEROY MYRON COHEN, B.S., 1950
GUNDUZ SAIT GUNGEN, B.S., 1950

In Architecture

SAMUEL GERALD FOOTLIK, B.S., 1950
HELMUTH GEORG REISCHER, B.S., Technische Hochschule, 1948
ALPASLAN REYHAN, B.S., 1950

In Bacteriology

RALPH NATHAN BRANSKY, B.S., 1950
ALLAN MCCULLOCH CAMPBELL, B.S., University of California, 1950
SHIRLEY JEAN NICE, B.S., Monmouth College, 1949
NAPOLEON JAMES PINCKNEY, A.B., Morris Brown College, 1947
RICHARD LAVERNE RAYMOND, B.S., 1947
JORDAN MAYNARD RHODES, B.S., Roosevelt College, 1950
BERNICE LAFFER TORCH, A.B., 1948

In Biological Science

JACOB CALVIN LOCKERT, A.B., North Central College, 1950
ALTON M. MUN, B.S., University of Southern California, 1949
JOHN DONALD PECARIC, B.S., University of Minnesota, 1950

In Botany

JAMES FRANKLIN COATES, B.S., Culver-Stockton College, 1939
FRANKLIN CHARLES LANE, B.S., Wheaton College, 1949
ROBERT WILLIAM LICHTWARDT, A.B., Oberlin College, 1949
GEORGE WILLIAM ZISKA, JR., A.B., University of North Carolina, 1947

In Ceramic Engineering

RICHARD MERLE FULRATH, B.S., 1950
ROBERT HOWARD HERRON, B.S., 1950
STANLEY FRANCIS PASPY, JR., B.S., 1949

In Ceramics

LACHHMAN SINGH CHEEMA, B.S., Panjab University, 1944; M.S., Forman Christian College, 1945

In Chemical Engineering

EDWARD HARRY BOLLINGER, B.S., Rose Polytechnic Institute, 1949
HAROLD BLACK CLARK, B.S., Pennsylvania State College, 1950
JEROME FREILING, B.Ch.E., College of the City of New York, 1950

In Chemistry

ROBERT HEWARD DOREMUS, B.S., University of Colorado, 1950
GLENN FULLER, B.S., Stanford University, 1950
THOMAS STUART JONES, B.S., 1950
EUGENE ALFRED KRAIMAN, B.S., University of Pennsylvania (Towne Scientific School), 1950
ROBERT GLENN LANGE, B.S., 1950
JOHN EARL MCCORKLE, A.B., University of Nebraska, 1947
MARIKA PIKRAMENOU, Diploma, University of Athens, 1940
ISKI SAGMANLI, A.B., Bryn Mawr College, 1950
EDWARD DAVID WEIL, B.S., University of Pennsylvania, 1950
GEORGE BUCKMASTER WHITFIELD, JR., A.B., Cornell College, 1946
HENRY FREEMAN ZOBEL, B.S., 1950

In City Planning

JOHN WILLIAM AULT, B.L.A., Ohio State University, 1950
THOMAS ELDON MOORE, B.S., 1950
EDWIN JAMES MOSES, B.S., Syracuse University, 1941

In Civil Engineering

SUAT ALI ATAY, B.S., 1950
FRANK XAVIER BLECHINGER, B.S., South Dakota State College, 1949
JOHN HENRY BOND, JR., B.S., Lehigh University, 1950
ERWIN RUDOLPH BRETSCHER, B.S., University of Missouri, 1937
SHELDON CHERRY, B.S., University of Manitoba, 1949
EUGENE JOSEPH DAILY, B.S., Missouri School of Mines, 1936
THOMAS ARNOLD DUWELIUS, B.S., Rose Polytechnic Institute, 1947
WILLIAM JOEL HALL, B.S., University of Kansas, 1948
ARTHUR JOHN MILLER, B.S., 1950
CECIL ULRIC MOORE, JR., B.E., Vanderbilt University, 1948
JOHN EARL SCHMITT, B.S., 1947
FERDINAND JAMEEL TAWEEL, Diploma, Engineering College of Baghdad, 1947
NAI-CHEN YANG, Diploma, Soochow Technical Institute, 1949

In Clinical Psychology

GENEVIEVE E. AUER, A.B., 1936
ESTHER LEVINE BLUMENTHAL, A.B., Roosevelt College, 1947
LEROY HIRSCHFELD BLUMENTHAL, A.B., New York University, 1948
WILLIAM HAMILTON BURNS, A.B., 1949
JAMES FRANKLIN CARRUTH, B.S., 1948
VINCENT GLAUDIN, JR., B.S., 1949
PRISCILLA GATES POWELL, A.B., 1948
ALLEN RASKIN, A.B., Syracuse University, 1949
LEWIS SCHWARTZ, A.B., 1949
FRANCES MARIE SEIBERT, A.B., Marygrove College, 1935
VICTOR MILTON ZIKE, A.B., Simpson College, 1948
WILLIAM AUGUST ZIMMERMAN, A.B., Roosevelt College, 1947

In Dairy Science

ELLIOTT MAURICE CRAINE, A.B., 1949
SHELDON CARL HOWERTER, B.S., 1949

In Economics

WALLACE LOGAN DICKS, B.S., 1950
ARTHUR TENNANT JONES, B.S., 1950
ARCHIE JOHN NICHOLS, B.S., 1948
HAROLD DOW SWAIN, JR., B.S., United States Military Academy, 1945

In Education

CLARENCE ROLAND ALDERSON, B.S., University of Florida, 1949
JOHN ARTHUR ALGEE, B.S., Southern Illinois University, 1947
DAVID RAY ANDERSON, B.S., 1936
CLYDE WARREN BAULOS, A.B., Illinois College, 1948
GALE KENITH BLAKESLEE, B.S., 1931
BURTON RA BLOCK, B.S., Northern Illinois State Teachers College, 1944
ROBERT JOSEPH BRIGHAM, B.S., Northern Illinois State Teachers College, 1949
MURVIN HAZEL BROWN, B.S., Southern Illinois University, 1946
GLADYS EUNICE BUNNEY, B.Ed., Illinois State Normal University, 1939
LOUIS LAFAYETTE CAGLE, B.S., 1950
JOSEPH FRANCIS CALEK, B.S., Illinois Institute of Technology, 1950
ALICE LACKEY CANEDY, A.B., 1946
WILLIAM RANDOLPH CANTRALL, A.B., 1949
CLIFTON CLAY CAPP, B.S., 1949
RALPH NEWTON CLARK, JR., B.S., 1942
CHARLES ELRIE DIAL, B.S., 1950
EUGERE JOSEPH DOE, JR., Ph.B., University of Chicago, 1947; B.S., 1950
WILLIAM HUDSON DOWNEY, B.S., 1949
ROBERT L. EVANS, B.S., Northern Illinois State Teachers College, 1950
MARTHA GRACE EWING, B.S., Illinois State Normal University, 1944
CLYDE EMERY FRY, B.S., 1927

CATHERINE GARVEY, B.S., Northwestern University, 1948
 DONALD VICTOR GROTE, B.S., Eastern Illinois State College, 1944
 PAUL BYRON HALE, B.S., Southern Illinois University, 1947
 MILTON SAMUEL HAMBALAK, B.S., 1950
 JAMES THEODORE HARRISON, B.S., 1938
 ARTHUR HENDERSON, B.S., Illinois State Normal University, 1947
 ENID SUNWALL HENNINGER, B.S., 1949
 DONALD RAYMOND HERRICK, B.S., 1949
 GENEVEVE McCLURE HOOD, B.S., University of Cincinnati, 1930
 KATHRYN ARMENTA JONES, B.S., 1945
 ALBERT PHILLIP KAUFMAN, B.S., 1947
 JULIEN EMILE KINZER, B.S., 1948
 PAUL WALTER KRATZ, JR., B.S., 1950
 MARY IMOGENE LIFFICK, B.Ed., Eastern Illinois State College, 1940
 MARJORIE DACUS LOGAN, B.S., Oklahoma Agricultural and Mechanical College, 1947
 RICHARD MORGAN LOWE, B.S., 1948
 ANNA KILMER MAHAFFEY, B.S., 1949
 JOHN CLEOPHUS MAHAFFEY, B.S., 1949
 WILLIAM CLARENCE MANN, B.S., 1950
 WILLIAM ALBERT MEADER, B.S., 1950
 JACK WILLIAM MORRISON, B.S., Indiana State Teachers College, 1948
 FRANK ROBERT MORSE, B.S., Eastern Illinois State College, 1947
 DONALD ANTHONY NAUDZIUS, B.S., 1950
 CORLISS LEE NORTON, B.S., Illinois State Normal University, 1947
 LENELL NORTON, B.Ed., Southern Illinois University, 1941
 RAYMOND HAROLD PAGE, B.Ed., Western Illinois State College, 1943
 DON AUSTIN PORTER, B.S., 1948
 LEWIS MARTIN ROBINSON, A.B., 1948
 ROBERT LESTER ROHLFING, B.S., 1940
 MELVIN OTTO ROTH, B.S., Northern Illinois State Teachers College, 1949
 JAMES GLENN SHELTON, B.S., 1947
 PAUL EVERETT SMITH, B.S., 1948
 HAROLD EDWARD TURNER, A.B., Carthage College, 1950
 JAMES EARL VIPOND, B.S., Monmouth College, 1949
 FRANK OLIVER VOLLE, B.S., 1950
 FRANK H. WALKER, B.S., LL.B., 1932, 1934
 RAYMOND HENRY WALKER, B.Ed., Western Illinois State College, 1938
 HERMAN JOHN WALSER, B.S., 1934
 HELEN LOUISE WELLES, B.S., 1948
 HELEN CAROLYN WHITE, A.B., Stowe Teachers College, 1942
 FRANCES ELIZABETH WILSON, B.S., James Millikin University, 1932
 JEWELLE ORR WININGS, B.Mus., James Millikin University, 1948
 ROXIE PAULINE WITTS, B.Ed., Illinois State Normal University, 1941

In the Education of the Deaf

BETTY LOU PEACOCK, A.B., State University of Iowa, 1950

In the Education of Mentally Handicapped Children

MARGARET SMALE LAW, A.B., Miami University, 1949
 JEANNINE AGNES REICHEL, B.S., 1950

In Electrical Engineering

RAYMOND W. W. BOOTH, B.S., Alabama Polytechnic Institute, 1950
 BRAXTON STANFIELD BURT, B.S., North Carolina State College of Agriculture and Engineering, 1936
 WILLIAM JOSEPH CADDEN, B.S., 1948
 LOUIS ORVILLE CARROLL, B.S., 1934
 RICHARD WARREN CASTOR, B.S., 1950
 EDWARD LESTER CURTIS, B.S., 1950
 ARTHUR JACKSON DAVIS, B.S., 1950

WILLIAM FOLEY DEBOICE, B.S., 1950
 VERNON JOHN FOWLER, B.S., Milwaukee School of Engineering, 1949
 JAY DOYLE GOOCH, B.S., University of Missouri, 1944
 ARMANDO ENRIQUE GUIA-MONASTERIO, B.S., 1950
 EARL JAMES HAJIC, B.S., 1950
 CHARLES HERMAN ALBERT HEITZBERG, B.S., Missouri School of Mines and Metallurgy, 1949
 JOSEPH ALDRICH HOLLY, B.S., 1950
 NICK HOLONYAK, JR., B.S., 1950
 WILLIAM DIBRELL JONES, B.S., The Citadel, 1937
 GEORGE PETE KEFALAS, B.S., 1950
 BOYD THURSTON LARROWE, B.S., University of Kansas, 1950
 JAMES TYRE LITTLEFIELD, B.S., Alabama Polytechnic Institute, 1950
 RICHARD THOMAS LOEWE, B.S., 1950
 JOSEPH LOOS, JR., B.S., 1950
 WESLEY JOHN MARSTON, B.S., South Dakota State College, 1950
 DONALD CHARLES MARTIN, B.S., 1950
 JAMES WILLARD McNABB, B.S., 1950
 ROBERT WAYNE MOWERY, B.S., 1943
 KENNETH JACOB POWERS, B.S., University of New Mexico, 1945
 RICHARD CARR PRICE, B.S., 1950
 OWEN THORNTON REEVES, B.S., United States Military Academy, 1944
 KEITH LAVERN SANDERS, JR., B.S., 1950
 ROY OSCAR SATHER, B.S., Wayne University, 1940
 EDWARD WILLIAM SCHWARZ, B.S., 1950
 CHARLES HELM SINEX, B.S., Agricultural and Mechanical College of Texas, 1935
 ROBERT STERLING SMITH, B.S., Rose Polytechnic Institute, 1949
 KENNETH MANLEY SNAPP, B.S., 1949
 WILLIAM MARK SUNLIN, B.S., 1948
 LAEL BRENT TAPLIN, B.S., Oregon State College, 1948
 NORMAN HAROLD TARNOFF, B.S., 1948
 ROBERT LAYTON THING, B.S., 1943
 ARTHUR THEODORE TIEDEMANN, B.S., 1946
 ROBERT ALLAN TORKILDSEN, B.E.E., University of Louisville, 1947
 MARSHALL WALLER, B.S., United States Military Academy, 1942; B.S., Massachusetts Institute of Technology, 1946
 DAVID SEAVEY WOODS, B.S., United States Military Academy, 1941
 CHUNG HSUAN YAO, B.S., TaTung University, 1946

In Entomology

VICTOR JACK BROOKES, B.S., University of Michigan, 1950
 LUCIAN PERCY GARRETT, JR., B.S., 1948
 BRUCE CONOVER MACDONALD, B.S., 1949
 ARTHUR PEEBLES MORRIS, A.B., University of Tennessee, 1948
 ABDEL SALAM MAHMOUD SHALABY, B.S., Fouad First University, 1949
 DAN LESLIE SHANKLAND, B.S., Colorado State College of Agriculture and Mechanical Arts, 1948

In Food Technology

JAMES MCKITRICK BLAIR, B.S., 1948

In Geography

GEORGE FRANKLIN BEATTY, B.S., Ball State Teachers College, 1949
 LESTER WOODROW CLUTTER, B.S., 1948
 THOMAS WILLIAM SCOTT, B.S., Harvard College, 1942
 MELVIN DEVERE SHOLL, B.S., 1950
 FREDERICK THEODORE WITZIG, B.S., Bradley University, 1949

In Geology

THOMAS CHARLES BUSCHBACH, B.S., 1950
 WILLIAM DAVIS JOHNS, JR., A.B., College of Wooster, 1947
 JAMES FREDERICK MCDIVITT, B.Sc., University of Western Ontario, 1949

RAYMOND WALLACE RALL, B.S., 1950
DONELSON ANTHONY ROBERTSON, B.S., Centenary College, 1949
ROBERT BROWN SCOTT, B.S., University of Redlands, 1949
FREDERICK ENLOW WILLIAMS, A.B., College of Wooster, 1941

In Home Economics

VIRGINIA RUTH CHARLES, A.B., Western College, 1938
ELIZABETH KAI-LI DIAO, B.S., West China Union University, 1949
MARJORIE VIRGINIA GUTHRIE, B.S., 1946
CHRISTINA MARIAN LAMBERT, B.S., MacMurray College, 1934
THERESA JULIA WALKOWIAK, B.S., University of Massachusetts, 1949

In Home Economics Education

LUCILLE HOWARD BRANTLEY, B.S., Fontbonne College, 1949
ROSALIE ADELE HALL, A.B., 1948
GRACE BROWN KELLEY, A.B., Greenville College, 1928
MARY JANE PRENDERGAST, B.S., 1944
JANE NEELEY SNOW, B.S., Western Kentucky State Teachers College, 1944

In Horticulture

MARGARET MARNE FLEMING, B.Ed., Wisconsin State Teachers College (White-water), 1940

In Journalism

MARILYN MURRAY FULRATH, B.S., 1947
DONALD GOODMAN HILEMAN, B.S., 1949
WARREN MATTIX, B.S., 1949
JEANNE MIRIAM ROBERTSON, A.B., 1950

In Library Science

JOHN C. ALLEN, B.S., B.S., Syracuse University, 1939, 1942
LE MOYNE W. ANDERSON, A.B., B.S.(L.S.), University of Minnesota, 1948
MARIE CARMODY ARTHUR, B.S., Purdue University, 1949
MARIAN RUTH AULBACH, A.B., Harris Teachers College, 1948
RUTH MAXINE BATMAN, B.S., 1950
ANN PATRICIA CALLAHAN, A.B., Washington University, 1947
DAYTON WAYNE CANADAY, A.B., Illinois College, 1948
PAUL TSING HSIEN CHEN, A.B., University of Nanking, 1926; B.S.(L.S.), 1938; A.M., Drew University, 1939
ALICE MILDRED COOPER, B.Ed., Eastern Illinois State College, 1943; B.S.(L.S.), 1947
MARY FRANCES CORBITT, B.S., Illinois State Normal University, 1949
BETTY MARY ELLEN CROFT, A.B., A.M., 1947, 1948
ROBERT FREDRIC DELZELL, A.B., Drury College, 1940; B.S., Washington University, 1950
DONALD CHARLES DICKINSON, A.B., New York State Teachers College, 1949
HUBERT LOUIS FISHER, B.S., Illinois State Normal University, 1950
BETTY JEAN HANCOCK, B.S., Indiana University, 1941
RUTH AMY HARNACK, A.B., University of Minnesota, 1946
MADELINE GENA HARRISON, A.B., Fisk University, 1940; B.S.(L.S.), North Carolina College, 1942
ROBERT JAMES HAVLIK, B.S., Illinois Institute of Technology, 1950
WILLIAM VERNON JACKSON, A.B., Northwestern University, 1945; A.M., Harvard University, 1948
ELSIE KAREN KIVI, B.S., University of Minnesota, 1941
DOROTHY EDITH KREMEN, B.S., University of Chicago, 1946
ISAAC THOMAS LITTLETON, A.B., University of North Carolina, 1943; A.M., University of Tennessee, 1950
MYRA LYTLE, A.B., B.S.(L.S.), 1941, 1943
JAMES BLAKELY MCFERRIN, A.B., Erskine College, 1942; B.S.(L.S.), 1948
EVELYN RAYLENE MENTER, A.B., Texas State College for Women, 1944
DORIS HENRIETTA METHVIN, A.B., University of Tennessee, 1945

HELEN SOFFER MOORE, B.S., 1949
DOROTHY JOANNA NAUJOKS, A.B., Ohio State University, 1949
VIRGINIA WHITEFORD PALMER, A.B., Smith College, 1950
PAULINE DAWN PITTS, A.B., Southeastern State College (Durant, Oklahoma), 1930; A.B.(L.S.), University of Oklahoma, 1936
FRANK ROWLAND SACCO, A.B., Hofstra College, 1949
RUTH LOIS SCHAEFER, A.B., North Texas State College, 1943; A.M., Northwestern University, 1947
ROSEMARY SEVERANCE, A.B., Michigan State College, 1948
ALBERT STROBL, A.B., University of Wisconsin, 1945
ROBERT LOUIS TALMADGE, A.B., University of Kansas, 1941; B.S.(L.S.), 1946
MARGARET MORGAN TAYLOR, B.S., University of Alabama, 1948
JAMES RUSSELL TOLMAN, B.S., Utah State Agricultural College, 1949
MARTHA HUTCHISON WELCH, A.B., University of Alabama, 1945
HENSLEY CHARLES WOODBRIDGE, A.B., College of William and Mary, 1943; A.M., Harvard University, 1946; Ph.D., 1950
JAMES CURTIS ZIPPRICH, A.B., Oberlin College, 1949

In Management

SHIH-CHEN CHEN, A.B., Hangchow University, 1934
KENNETH BERNARD MOREY, B.S.E., University of Michigan, 1945

In Marketing

WILLIAM HOMER EBERT, B.S., Ohio State University, 1949

In Mathematics

FREDERICK WINTHROP BALLANTINE, B.S., University of Washington, 1948
CHARLES WILLIAM BOSTICK, B.S., Massachusetts Institute of Technology, 1950
LENORA MADELINE CROWLEY, B.S., 1937
GEORGE LOUIS KVITEK, B.S., M.S., 1949, 1950
CHING-YUNG HU LI, B.S., National Szechwan University, 1941
GORDON DUANE MOCK, B.S., 1950
JAMES SANFORD MORISON, B.S., University of Chicago, 1950
BERNARD ALLEN SMITH, B.S., 1949
ROBERT MILES TURNER, B.S., 1950
RICHARD PENNER WIEBE, B.S., 1949

In Mechanical Engineering

HAROLD OSCAR BARTHEL, B.S., 1950
EARL JOSEPH BECK, JR., B.S., University of Washington, 1946
MARCO AURELIO BETANCOURT, C.E., Escuela Nal de Minas, 1949
TSENG KAN CHOW, B.Sc., National Tangshan Engineering College, 1947; B.S., Montana State College, 1950
PAUL JAMES GRIFFITHS, B.S., 1945
RICHARD JOSEPH HABERSKI, B.S., University of Michigan, 1950
JOHN WILLIAM HOLL, B.S., 1949
JAMES MICHAEL JARVIS, B.S., Derby Technology College, 1942
GERALD LEE JENKINS, B.S., 1946
SABAT JOSEPH, B.S., Agricultural and Mechanical College of Texas, 1950
LEONARD KENDY, B.S., Bradley University, 1950
JOSEPH S. LEA, B.M.E., College of the City of New York, 1945
ROBERT RICHARD MALONE, B.S., 1950
MARTIN SEYMOUR OSMAN, B.S., Massachusetts Institute of Technology, 1950
ROBERT HENRY PAGE, B.S., Ohio University, 1949
GEORGE FREDERICK SCHRADER, JR., B.S., 1947
FRANCIS CARL SCHWENK, B.S., Pennsylvania State College, 1949
ELDON JOHN SEAGRIST, B.S., 1943
DONALD ROBERT SHANER, B.S., 1950
ROBERT LOUIS WEHE, B.S., University of Kansas, 1947
LAURENCE BERNARD ZYLSTRA, B.S., University of Washington, 1950

In Mining and Metallurgical Engineering

EDWARD BERNARD GEMPLER, B.S., 1949

In Music Education

LADDY BERNARD BARRON, B.Mus., Illinois Wesleyan University, 1950
BURTON RICHARD BATES, B.Mus., Illinois Wesleyan University, 1946
DEVERNE ALFRED COLEMAN, B.S., Northern Illinois State Teachers College, 1950
DOROTHY ANN PEARCE, B.Mus.Ed., Northwestern University, 1948
MARTIN LESTER ROSENWASSER, B.Mus., Roosevelt College, 1950
WILBER DEAN SIMMONS, B.S., 1949
ROBERT ANDREW SNYDER, B.S., 1950
WESLEY QUAYLE STELZRIEDE, B.S., 1950
DAVID WALTER TUCKER, B.S., 1950
JANET LOUISE VAN MATRE, B.S., 1949

In Physical Education

WILLIAM ARTHUR ADAMS, B.S., Monmouth College, 1947
PAUL DANIEL FRY, A.B., Manchester College, 1939
ARTHUR LANGDON GLAD, B.S., Eastern Illinois State College, 1949
KENNETH LAVERNE KLETTE, B.S., Eastern Illinois State College, 1949
CHARLES JOSEPH KRISTUFEK, B.S., 1949
ROBERT CLIFFORD MEARS, B.S., 1949
PAUL KIYOSHI NAKAMURA, B.Ed., University of Hawaii, 1950
JOHN EDWARD RADOSZA, B.S., Northern Illinois State Teachers College, 1949
CARL ROBINSON, B.S., Colorado University, 1950
MARTIN WOLFSON, B.S., Wittenberg College, 1950

In Physical Sciences

KARL EARL PLUMLEE, B.S., Southern Illinois University, 1948

In Physics

GEORGE SEVERT BAKER, B.S., Purdue University, 1950
CLAUDE BEAUMONT, Baccalaureate Lycée de Nice, 1945
WILLIAM JOHN BERRON, B.S., 1950
JOHN PERRY CEDARHOLM, B.S., 1950
JOHN DANIEL GABBE, A.B., New York University, 1950
RICHARD ROBB HAKE, B.S., University of Colorado, 1950
JACOB MEYER HAMMER, B.S., New York University, 1950
WALTER HELLY, A.B., Cornell University, 1950
JAMES JOSEPH JACKSON, B.S., Yale University, 1950
JOHN KAUFMANN, B.S., 1950
ORA MORLIER KROMHOUT, A.B., Tulane University, 1945
WILLIAM ZACHERY LEMNIOS, B.S., Massachusetts Institute of Technology, 1949
DON BERNETT LICHTENBERG, A.B., New York University, 1950
WILLIAM SCOTT McDONALD, B.S., Illinois Institute of Technology, 1950
WILLIAM MARSHALL MYERS, B.S., California Institute of Technology, 1949
LENO STEPHANO PEDROTTI, B.S., Illinois State Normal University, 1949
HERBERT RABIN, B.S., University of Wisconsin, 1950
NED SHAURER RASOR, B.S., Ohio State University, 1948
DAVID REINER, B.S., Massachusetts Institute of Technology, 1950
WILLIAM HAYMOND ROBINSON, B.S., Oklahoma Baptist University, 1950
ALAN HUGH SCHOEN, B.S., Yale University, 1945
JOSEPH BAILEY SERRETT, B.S., Tulane University, 1950
CARL TATSUO TOMIZUKA, B.S., Tokyo University, 1945
DONALD JOHN TRAPP, B.S., Yale University, 1950
JAMES ADOLPH WEINMAN, B.S., Illinois Institute of Technology, 1950

In Physiology

JOSEPH VINCENT LEWIS CATALANO, A.B., 1949

In Sanitary Engineering

DEWARD MELVIN MARTIN, B.S., University of Virginia, 1949
 GEORGE DERR RUSSELL, B.S., Washington University, 1949

In Speech Correction

MARILYN WILLIAMS ROCHESTER, B.S., Washington University, 1944

In the Teaching of Biological Sciences and General Science

CHARLES LORING BURGER, JR., B.S., 1950
 MILTON DUSTIN DIRST, B.S., Aurora College, 1949
 ROBERT THOMAS SCHOPP, B.S., 1950
 JOHN MILTON WALKER, B.S., Eastern Illinois State College, 1949

In the Teaching of Mathematics

GORDON GOLDMAN, B.S., Roosevelt College, 1950
 HUGH GERALD MANTON, B.Ed., Duquesne University, 1950
 IRENE PATRICIA MONAHAN, B.S., New Jersey College for Women, 1950
 CHARLES RUSSELL STEGMEIR, B.S., 1950

In Theoretical and Applied Mechanics

GENE LEE ARMSTRONG, B.S., 1948
 DON ORR BRUSH, B.S., 1949

In Veterinary Pathology and Hygiene

OLIVER DAVIES GRACE, D.V.M., Colorado State College of Agriculture and
 Mechanic Arts, 1940

In Zoology

GEORGE FREDERICK BOYER, B.S., University of New Brunswick, 1938
 GEORGE GAROIAN, A.B., Washington University, 1949
 CAROL JEANNE HALLOIN, B.S., Wheaton College, 1948
 NATHAN KRAUT, B.S., University of Connecticut, 1947
 DAVID LEE AUGUST LANGEARTEL, A.B., 1950
 JAMES FREDERIC OPSAHL, A.B., University of California, 1949
 KEEN ALEXANDER RAFFERTY, JR., B.S., University of New Mexico, 1950
 DEANE BRUCE WESTLAND, A.B., Franklin College, 1949

Degree of Master of Fine Arts*In Art History*

GEORGE EHRLICH, B.S., 1949

In Painting

WILLIAM CHARLES COLLINS, B.F.A., Rhode Island School of Design, 1949
 ROY ARNOLD GINSTROM, B.F.A., University of Georgia, 1949
 CHRIS KARRAS, B.F.A., 1949
 KEITH DALE KITTS, B.F.A., Cleveland Institute of Art, 1949
 RICHARD FLANDERS SMITH, B.F.A., Yale University, 1948

Degree of Master of Music

DARRELL KEITH McCARTY, B.S., B.Mus., 1950

COLLEGE OF LAW**Degree of Bachelor of Science***In Law*

HAROLD GRIFFITH BAKER, JR.	DONNA RAE KLINGBIEL, with High
RALPH DERRY GLENN	Honors
HENRY GREEN	ANNA BERNICE KUIZIN
JAMES DAVID HASSED	WILLIAM JOHN MEYER, JR.

GERALD WAYNE MOODY
CHARLES BLAINE MYERS
IVER MARTIN NELSON, JR.
JAMES L. PEACOCK
RALPH STEWART PEARMAN
MAURICE PHILIP RAIZES

KEITH EDWARD ROBERTS
FREDERICK MILLS SELKREGG, JR.
DONALD FRANKLIN STORM
DAVID BURFORD STUTSMAN
HERBERT EUGENE TRENNING

Degree of Bachelor of Laws

RICHARD LEROY ACKMAN, B.S., 1949
JOSEPH HOWARD BARNETT, B.S., 1950
NEAL SAUL BRESKIN, B.S., 1950
FREDERICK ROBERT BRISTOL, B.S., 1950
PERRY GUS CALLAS, B.S., 1950
ROBERT HENRY CHRISTENSEN, A.B.,
1949
WILLIAM FRANCIS COSTIGAN, B.S., 1950
DONALD EDWARD ERSKINE, B.S., 1949
ALBERT VICTOR FEDERLE, JR., A.B.,
Fordham University, 1948
WALTER WILLIAM FINKE, JR., B.S.,
1950
JULES SANFORD GERSHON, A.B., 1949
BERNARD GOLDSTEIN, A.B., 1949
FREDERICK SHEPHERD GREEN, B.S.,
1949
GENE ARTHUR GROPP, B.S., 1950
PHILIP ALLEN GROVE, B.S., 1949
MICHAEL MICHAELSON GROZIAK, B.S.,
1950
ROGER EUGENE HAUGHEY
DOUGLAS WYMORE HELM, B.S., 1949
MILTON MOORE HELM, B.S., 1947
RAYMOND PAUL HERNACKI, B.S., 1948
THOMAS DONOVAN HITCH, B.S., 1950
CHARLES RICHARD JELLIFFE, B.S., 1950
ALVIN KAPLAN, B.S., 1949
TYRUS LYNN KAUFMAN, A.B., 1949
WILLIAM GEORGE KILLIAN, B.S., 1950
KERMIT LYNN KNETSCH, B.S., 1948
HOWARD DELMAR KOONTZ, B.S., 1949
CONRAD ADOLPH KREZ, B.S., 1949
LAWRENCE LAWLESS, B.S., 1950
WILLIAM BREWSTER LAWRENCE
JOHN WILLIAM LISTON, Ph.B., Illinois
Wesleyan University, 1949

MERLE MATTENSON, B.S., 1950
RICHARD CHARLES MCCARTHY, B.S.,
1949
DONALD LAWRENCE MERLIE, B.S., 1950
DONALD WALTER MORTHLAND
EDWARD JOSEPH MURPHY, B.S., 1949
WILLIAM JAMES NEMANICH, B.S., 1949
GODFREY JAMES NEMEC, A.B., Univer-
sity of Pennsylvania, 1948
ROBERT CHARLES NICKELS, B.S., 1949
ALLEN ELSWORTH OVERAKER, B.S., 1950
RICHARD STEWART PHILLIPS, B.S., 1950
GEORGE KINCAID PILKENTON, B.S., 1949
LEWIS DELBERT POLLARD
MARION JOHN RAMZA, A.B., 1949
JOHN THOMAS ROACH, A.B., Illinois
College, 1949
JACQUES WILLIAM SCOTT, B.S., Eastern
Illinois State College, 1947
EDWARD WILLIAM SIEBERT
THOMAS STANLEY SLY, B.S., James
Millikin University, 1947
JOSEPH PEARL SMITH, JR., B.S., 1949
WALDEMAR CLEMENS SPOMER, B.S.,
University of Nebraska, 1940
KENNETH MAYER SPUNGEN, A.B., 1950
HARRISON STREETER, B.S., 1949
VINCENT EDWARD THOMPSON, A.B.,
1949
CHARLES RICHARD TURNBOW, B.S., 1947
ROBERT LEROY WELLS, B.S., New York
University, 1944; B.S., 1948
THOMAS DALE WESTFALL, A.B., James
Millikin University, 1950
RICHARD HUGH WILLIAMS, B.S., 1950

Degree of Doctor of Law

JOHN FRANKLIN BELT, B.S., 1949
GEORGE EDWARD HILL, B.S., 1947
PHILIP BOICE JOHNSON, B.S., 1949
ARTHUR RAY KIEFER, B.S., 1948; with
Honors
DALE WILLIAM MARKWALDER, B.S.,
1950

PRENTICE HENRY MARSHALL, B.S.,
1949; with High Honors
JOHN FRANCIS MCKENZIE, B.S., 1950
JAMES LAWRENCE MORRISON, A.B.,
James Millikin University, 1950

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JAMES WEGER ALLISON
JOHN WESELY ALMBURG
ROBERT BRYCE ANDERSON

DONALD GILBERT ARENDS
WILLIAM GEORGE ARENDS
GLENN IRWIN ASH

GEORGE DEAN ATTEBERRY
 JAMES ROSS BAIRD, JR.
 RICHARD WILLIAM BANNON
 DONALD CARL BARRETT
 RICHARD DALE BAST
 MARION DALE BATEMAN
 DALE HARRY BAXTER
 HAROLD LEE BEAN
 ROBERT EDWARD BEAR, with High
 Honors
 JOHN HOWARD BINGHAM
 BYRON LOUIS BODDY, with Honors
 WILLIAM WATEROUS BOKMAN
 WAYNE ALLEN BOUSLOG
 EUGENE MAXWELL BUSHONG
 DAVID ELMER CASH
 ELDON RAY CHAPMAN, with Honors
 WALLACE ARTHUR CLARK
 FORREY BALCH CLAY, with High
 Honors
 JAMES HAROLD CLOYD
 ROBERT DEAN COLEMAN
 LLOYD WILLIAM CORZINE
 JAMES DOUGLAS COTTRELL, with
 Honors
 WEBSTER RANDALL CROWLEY, JR.
 HARTFORD DANA CRYDER, with Honors
 MERRILL GENE CULVER
 CARL FRANKLIN CURTIS
 SYLVIA ELAINE DAVIS
 ORVILLE WALLACE DICKHAUT, with
 High Honors
 WILLIAM ELLIS DIMOND, with Honors
 JOHN KENNETH DOTY
 JOHN PATRICK DRISCOLL
 ROBERT MORTON EDWARDS
 ROBERT DEAN ELBERT, with Honors
 QUINTIN KING ELLIOTT
 JAMES WARREN ELLIS, JR.
 HOWARD WILLIAM IVAN FABER
 CHARLES R. FINLEY, with Highest
 Honors
 LAYO NEIL FLICK
 HENRY EARL FLITZ
 HARVEY MAX FRANK
 DAVID LEWIS FRIEDMAN
 GERALD GENE FULLER, with High
 Honors
 MYRON POWELL GAITHER
 CHARLES LEON GALBRAITH
 RICHARD RYAN GALE
 GERALD LEE GANSCHOW
 JOHN FORREST GARRISON
 EDWARD LAURENCE GILBERT
 THOMAS HERBERT GORDON
 ROBERT WALLACE GRAHAM
 WILLIAM FLOYD GRIFFITHS
 LLOYD GRISHAM
 ARTHUR AUGUST GROSENHEIDER
 JAMES WILLIAM GUILINGER
 DUANE VERYLE HAAS
 ROBERT WILLIAM HAGENOW
 GEORGE ALEXANDER HARCUS, JR.

WILLIAM JOSEPH HARVEY
 ROBERT LESLIE HENNINGER
 THOMAS HENRY HILL
 HOBART ROSS HINDERLITER, with
 Highest Honors
 WILLIAM RUSSELL HOBSON
 ROBERT WAYNE HOFFMAN
 FREDRICK JOHN HOLHUBNER, with High
 Honors
 HAROLD ARTHUR HOLZ
 CHARLES ROBERT HULL
 DELBERT EVERETT JACKSON
 WILLIAM HENRY JACKSON
 ALLAN JACOBSON
 ROBERT EUGENE JONES, with High
 Honors
 FRED EDWARD JUSTUS, JR., with
 Honors
 ROBERT GREGORY KANTAK
 DALE ROBERT KEEN
 JAMES ROY KELLEY
 FRED WILLIS KERR, with Highest
 Honors
 HAROLD LEON KIMMEL
 BOYD BERTON KNUFFEL
 ANTHONY JOSEPH KROUPA
 ROBINSON DIEHL LAHMAN
 JOHN RAYMOND LAUER
 LAWRENCE WILES LEFEVRE
 ROBERT NOBIS LOITZ
 CHARLES MARSHALL, with Highest
 Honors
 JOHN ROBERT MARTENSON
 ROY LEE MASHANEY
 BEVERLY BURTON MCCORD, with
 Honors
 WALLACE RAY METZ
 RONALD HARMON MEYER
 DONALD ATCHISON MILES
 DEAN JOSEPH MILLER
 LOY MILFRED MILLER
 RALPH JOSEPH MOENS
 ROGER CLARENCE MOHRMAN, with
 Honors
 WILLIAM DELMER MURPHY, JR.
 OLLIE BUTLER MYERS, JR., with
 Highest Honors
 PHILLIP WILLIAM MYERS
 CHARLES EDWARD NELSON
 DAVID MARTIN NELSON
 FRANCIS ERNEST NELSON, with Honors
 MARVIN DALE NORDMEYER, with High
 Honors
 CHARLES WILLIAM OGLE
 JAMES LESLIE O'HARA, with Honors
 MERRILL WILLIAM GEORGE OTTWEIN,
 with Highest Honors
 DEAN FREDRICH PAULSMYER
 DONALD RICHARD PELLIKAN
 RICHARD NEAL PICARD
 ARTHUR GEORGE PILLE, with Highest
 Honors
 MYRON LYNNELL POWELL

GEORGE FREDERICK PROBANDT
 FRANK JOHN RANDALL, JR.
 ROSCOE RANDELL
 NELS PETER RASMUSSEN
 HARRY THOMAS REARDON, JR.
 LEROY JESSE REEDER, JR.
 DANIEL GUNDER REESE
 CHARLES LOREN RHYKERD
 LAUREL EDWARD RICHTER, with High
 Honors
 STAYTON CLARENCE ROEHM
 DONALD LYON ROSEBERRY, with Honors
 DAVID LEROY SCHAFER
 LOUIS WILLIAM SCHIERMAN, with
 Honors
 EDGAR MARVIN SCHLEEF
 WALTER JAMES SCHLICHTING, with
 High Honors
 LELAND GENE SCHMALING
 ROBERT BENJAMIN SCHOENE
 DONALD LAVERNE SCHRIEFER
 PAUL GUSTAVE SCHULZ, JR.
 JOSEPH PEYTON SCHWERER
 ROBERT AUGUSTINE SCOTT, with Honors
 MYRL VANCE SEITZINGER
 AARON EUGENE SELL
 CHARLES KEITH SHECKLER
 FREDERIC JEAN SIEBENMANN
 RUDOLPH RICHARD SIIRA
 ROGER CAROL SIMMS
 LOWELL CURTIS SIMS
 RALPH MATHERS SLOMAN, with Honors
 HOWARD HAMILTON SMITH, with
 Highest Honors
 NORTON EUGENE SMITH

HERBERT SAGE STEFFENS
 JAMES WILLIAM STEWART
 GEORGE WILLIAM STONE
 JAMES RAY STOFFER
 JAMES DALE STUCKEY, with Honors
 GERALD STARNER STUFF
 JOHN BURTON SWISHER
 DONALD RAY TATE
 JOHN BLAIR THACKERAY
 WAYNE FRANCIS THOMPSON, with High
 Honors
 FRED CARL THORP
 ROBERT FREDERICK TIMM, JR.
 ALBERT DALE TOWLER, with Honors
 PAUL LARUE TROVILLION, JR., with
 Honors
 RALPH WILBERT TWENHAFEL
 CHARLES CANDLER VIAL
 GERALD WILLARD WAGONER
 ROLLA DALE WALKER
 DEANE ARLIN WEIHMEIR
 WARREN KEITH WESSELS
 GERALD AUSTIN WHITE, with Honors
 WAYNE LEE WHITEHEAD, with High
 Honors
 WILLIAM FRANKLIN WHITESIDE, with
 Honors
 STANLEY MEADE WHITLOCK, with High
 Honors
 RALPH EMERSON WILLIAMS
 ROBERT LASWELL WILLIAMS
 DWIGHT EUGENE YOCKEY, with Honors
 WILLIAM HAVILAND YOUNG, JR.
 KENNETH NEIL ZIMMERMAN
 WALTER EDWARD ZUSCHLAG

In Dairy Technology

DAVID HAROLD BRAZELTON
 MARTINIANO TIMBOL FLORO, JR.
 JOHN KARL HOOVER, with Honors
 LESTER RAYMOND JOHNSON

JAMES LOWELL KENNEDY
 JAMES ALFRED ERNEST SCHMITT
 ALVIN ARTHUR SCHUMACHER
 RICHARD DANIEL SVOBODA

In Floriculture

JAN WALLACE ABERNATHIE
 JOSEPH BRAUN BANNON
 JAMES CAMPOBELLO
 DONN DOLBY, with High Honors
 JACK JOSEPH FRIED
 JUANITA JUNE GILBERT
 WILLIAM T. HENDERSON, with Honors
 JAMES INGELS
 ROBERT ANTON KOPECKY
 SAMUEL RICHARD KUTCH
 MELVIN HERBERT LETCHINGER

ALICE MAY MACHOTKA, with Highest
 Honors
 ROY JOHN MUCHNA, with Honors
 JACK RUSSELL MULHOLLAND, with
 High Honors
 VIRGINIA NEVILLE SAUPE
 JOAN LOUISE SIBBITT, with High
 Honors
 WILLIAM EDWARD STEINBRECHER, JR.
 WILLIAM LYLE STIELOW
 JOHN WILLIAM WIENKE, with Honors

In Food Technology

GEORGE NORMAN BOOKWALTER
 GENE LEE KESSINGER

HENRY CHARLES VACKETTA

In Home Economics

ROBERTA SMITH ARCHER
 ROSEMARY ANN ARCHIBALD, with
 High Honors

CATHERINE ARONDELLI BAUMANN
 JOY MARTHA BISKI
 MARY EVONNE BUESCHER

JOANNE LOMAX CERLING, with Honors
 PATRICIA MARIE CONNELL, with Honors
 IRIS JEAN COX
 LOIS IVONNE CRAWFORD, with High Honors
 PATRICIA ANN CROWLEY
 ANNABEL LEE ETHERTON
 EMILY JEANE FISHER, with High Honors
 PATRICIA ANN FORBES, with High Honors
 MARY ALICE FREIS
 BETTY JEANNE GLAWE
 WILMA HENRIETTA LOUISE GRAESSER
 SARAH GRISWOLD
 MARY ELLEN HALL
 MARY LOUISE HAMMER
 MARY ALICE HANCOCK, with Honors
 BARBARA MARY ANNE HUMPHREY
 NORMA PHYLIS JENNINGS
 CORA ROBERTA JOHNSON
 EVELYN LOIS JONES
 LOIS ESTHER KEEBLER
 MARILYN JOAN KETTELKAMP
 MARY KATHRYN ARMSTRONG KIMBLE
 JO ANNE KORITZ
 GLORIA NANETTE KRAMER, with Honors

ELIZABETH ANNE KUSTNER
 AUDREY LENORE LANGE
 BERNETHEA A. MATHEWS, with High Honors
 JOAN THERESA McDONALD
 JOYCE WILSON McLAUGHLIN
 BETTY MARIE MITCHELL
 GENEVIEVE BERNICE NEWLIN
 DELORES LOUISE PARROTT
 HELEN T. RUIZ
 JUANITA ANN SCHULZE
 MABEL RUNKEL SOUTHARD
 FRANCES ELIZABETH STERLING
 LUCILLE MANDEL STUENKEL
 NAOMI ANN SWANSON
 CAROLYN JEAN THEURER
 GENEVIEVE BISCHOFF THOMPSON
 CHARLOTTE EMMA VOGT
 MARTHA JEAN WEBSTER
 CLAIRE ARLENE WILDEMAN, with High Honors
 EVALYN SMITH WILKINSON
 KATHRYN MURIEL WOLTER
 CHARLENE MAY WOODSON, with High Honors
 GWENDOLYN LOUISE WRIGHT

In Home Economics Education

MARILYN JOAN AUGSPURGER
 DOROTHY GRACE BAITY
 BERNICE MAURER BAMMANN
 ALICE JANE BULL, with Honors
 MARGARET JEAN BURRIDGE
 CAROL JUNE BUTLER
 DOROTHY LEE DORMIRE, with Honors
 PATRICIA LOUISE FEASTER, with Honors
 CAROL CHRISTINE FRIES, with Highest Honors
 DOROTHY EDNA GIESE, with Honors
 MARGIE LOUISE GROVES
 MARY EMILY HAUBER, with Highest Honors
 LOUISE MARGARET HODAM, with High Honors

DELORES MAY JANAK
 PATRICIA ANN LANGFORD
 DOROTHY JUNE MCKINLEY, with High Honors
 SHIRLEY ANN MILLER, with Honors
 PATRICIA EHMAN PRICE, with Highest Honors
 MARY ELIZABETH SERVEN, with High Honors
 ROSEMARY HELEN SHEPHERD
 BARBARA LUCILLE SHISSLER
 NELLIE MARIE TURNER
 MAIRIAM ROSALEA WERNOWSKY
 MARIAN ALICIA WIRTZ
 NANCY LOUISE WRIGHT, with Honors

In Restaurant Management

VIDA JUNE KERSCH, with Honors

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

JAMES HERBERT ADAMS
 MITCHELL LAWRENCE BARNETT
 GERALD MITCHELL CAMPBELL, JR.
 JOHN LEROY CLURE
 GUY EDWARD DICKEY
 JOSEPH SYLVESTER DOCK
 SEYMOUR FOGELSON

DAVID WILLIAM GOSSE
 DONALD GEORGE HENDRICKS
 JACK EDWARD JENSEN
 FRANCIS WILLIAM JOYCE
 ALAN BERNARD KEHLET
 WERNER WILLIAM MEYER
 FELIX OU

BOBBY GENE SMITH
JOSEPH MICHAEL SOLA
HENRY JEROME STACHOWSKI
ROBERT KING TINDER

HARVEY ARVID WALLSKOG, with
Honors
JAMES CUTTER WATSON
RICHARD ELLIS WHALEY

In Agricultural Engineering

ELVIN LAMAR CARLSON
DAVID ELMER CASH
JERE GEORGE CASTOR
JOHN DEAN FITZGERALD
LEONARD YETTER HARDY
WAYNE EVERETT HARTMAN, with
High Honors

ROBERT LEE KNIGHT
PAUL WILLIAM KOCH
HOWARD DARRELL KRAFT
LAWRENCE LOVELL WATSON

In Ceramic Engineering

RAYMOND JOSEPH BROWN, with Honors
BLAKE FREDERICK CARTER
JOHN CHERRY HALL
RICHARD NEWMAN HUDD
ALFRED MORENA
LAWRENCE ERIC NORDQUIST
RAYMOND WILLIAM PARKER
ROBERT HAROLD ROSENDALE

CHARLES KRUMBACH RUSSELL, with
High Honors
ROBERT WILLIAM SCHAEER
ERVIN WILLIAM SCHUETZ
ANDREW WILLIAM STATHIS
ROY EVERETT THOMPSON
CHARLES DELANO WAGNER

In Civil Engineering

ROY AARON
DON EARL ANDERSON
WILLIAM FREDRICK ANDERSON
FRANK HENRY ANDREJASICH
LAWRENCE COPLAND AUBY
EARL THOMAS BALKUM
GEORGE MILTON BAYER
GORDON CHARLES BEHNKE
ERICK BURTON LEROY BERGSTROM
JOHN HENRY BLECK
JAMES BAYNARD BOULDEN
LOUIS BOWMAN, JR.
DONALD FRANK BROCKROGGE
RICHARD LEE BROWN
ANTHONY LEWIS CALCATERRA
ALBERT MELVIN CARSON
EDWARD MARTIN CERNY
HENRY WILFRED CHAN
NEIL MARTIN DENBO
ROBERT CLAYTON DOWNS
JOHN JOSEPH FICK
WILLIAM JOHN FLATHAU
JAMES BERNARD FOSS
RICHARD JOSEPH GAWLAK
JAMES FRANCIS GEORGE, with
Honors
EDWARD R. GREIFZU, with
High Honors
ARTHUR RICHARD GRIMM, JR.
RALPH CRANE HAHN
GERALD EDWARD HANN
WILLIAM DEAN HARTWELL
HARRY OSCAR HEFTER
MARION ELZIE HENLEY
ROBERT RICH HENSS
HARWOOD OXLEY HERLOCKER
LYMAN EUGENE HOADLEY

RONALD ANTHONY HOEFLE, with
Honors
WILLIAM DEE HOLMES, with Honors
ELMER CHARLES HONATH, JR.
DONALD EUGENE HOUSER
HAROLD POLAND HULETT
ROBERT CLARENCE KING
HAROLD LEROY KOENIG
STEPHEN THOMAS KOSTECKE
ORLANDO ARTHUR KRUEGER
FRED FRANCIS KWASNIK
JOHN LANGAS
HAROLD ALBERT LARSON
HARRY DANIEL LEROY
NORMAN MARTIN LUCAS
LEWIS MACDONALD
JOHN EARL MARKS, with Honors
JOHN LAWRENCE MATAYA
KENNETH DAVID MENDELSON
DEAN CHARLES MERCHANT
WAYNE VICTOR MILLER
CONSUELO WRIGHT MINNICH
ROBERT HAROLD MITCHELL, with
Honors
WILLIAM HOWARD MOLUF
ARTHUR LEONARD MURPHREE, JR.
RAYMOND RICHARD OHLGREN
ROBERT LEE OLANDER
JOHN WILLIAM PARISH
ROBERT HARLIN PATCH
JERRY ALLYN PATTERSON, with
Honors
ROBERT CHARLES PETERSON, with
Honors
ROY HERMAN PETERSON, JR., with
Honors
JOHN WALTER RATZKI

DONALD WILLIAM REILLY
 HARRY DWIGHT RIMBEY
 PLEASANT HARVEY ROBNETT
 JAMES JOSEPH ROEMER
 LEONARD MANUEL SANKSTONE
 PAUL BILLY SAYAD
 JAMES EDWARD SCHAFER, with Honors
 PAUL WILLIAM SHULDINER, with
 High Honors
 GLENN ALLEN SHUNNESON
 EDWARD ROBERT SIMONSON
 JAMES STANLEY STEIN
 CHARLES VINCENT SULLIVAN
 ANDREW GRANT SUTHERLAND

CHARLES CLEMENTS SWENSEN
 LAVERNE HOWARD TARR
 ALLEN SOLOMON TORBECK
 WALTER JOHN TUDOR
 GEORGE ISAMU UJIYE
 DONALD MCKINLEY UNDERWOOD
 NICK ROBERT VIRGILIO
 RICHARD ARTHUR VOGEL, with Honors
 CARL ROBERT WAHLEN
 GEORGE CRAWFORD WALLACE, with
 Honors
 MICHAEL PERRY WHITTINGTON
 JOHN HERMAN WOOD
 GEORGE ZEVKOVICH

In Electrical Engineering

DONN HARDING ABBOTT
 JOSEPH ABRAHAM
 JAMES EDWARD AMS, with Honors
 GORDON WAYNE ANDERSON
 HENRY TETSUO AOYAMA
 HARRY ROBERT ASCHAN
 RONALD FRANCIS ASSELL
 RICHARD JOHN AUGUSTINE
 SPENCER ERNEST AVEY
 PHILIP ANTHONY BAIN
 FRANK JOHN BARTUSEK, Jr.
 EDWARD FRANCIS BELL
 CURTIS BEECHER BENDELL
 CARL GENE BLANYER, with High
 Honors
 CECIL PERRY BOAZ, Jr.
 EVERARD BOOK
 BRUNO ALBERT BORKOWSKI
 NORMAN MARSHALL CAMPBELL
 WALLACE LYLE CARR
 JAMES VINCENT CHAMBERS
 WILLIAM PERCY CHAPMAN, Jr., with
 High Honors
 JOHN MARTIN CHAPP
 LEONARD CHEVLIN
 ROBERT BRADLEY CHIN
 JOHN W. CLAPP
 JAMES DENNIS CLEARY, with Honors
 STEPHEN MILLER COOK
 MICHAEL FRANCIS COSGROVE
 THOMAS CLAYTON DAHLIN
 RICHARD JOHN DIDIER, with Honors
 JOHN WALTER DOERING
 JOHN WILLIAM DOERING
 DWAYNE DORMAN DRAHER
 STEPHEN LEE EAKMAN
 JAMES HOWARD ENRIGHT
 RICHARD REDMOND FAULLIN
 MARVIN JACK FENTON
 RAYMOND CONSTANTINE FIGLEWICZ
 JOHN FIJOLEK
 LAWRENCE THOMAS FILEK
 JOHN MUSE FIRTIK
 ROBERT RALPH FRENCH
 MICHAEL LAWRENCE GARBACZ

ULRICH ALOYSIUS GELLER
 SAUL GLASSER
 LOUIS DOYLE GOLDEN
 JOHN RALPH HANSON
 PAUL EDMUND HARRIS
 JOAN LEE HESSLER
 MYRON ELLSWORTH HINEBAUGH
 WENDELL DWIGHT HITCH
 WILLIAM WALLACE HUPPERT
 ANDREW SHELTON HUSON
 KEIJI IKO
 TERRY ALBERT JACKSON
 JAMES TRIPLETT JOHNSON, with Honors
 MARTIN RAGNER JOHNSON, with
 Honors
 WARREN CARL JOHNSON
 ROBERT HURLEY JOHNSTON
 DONALD RICHARD JONES
 VERNON CHARLES KAMM, with Honors
 WILLIAM KECK
 JEROME DANIEL KENNEDY
 RALPH EUGENE KLAUTSCH, with
 Honors
 VERNON LEO LANGDON
 GRANT FRED LAWRENCE
 ALFRED EUGENE LEAVITT
 GENE HOWARD LEICHTNER
 JAMES RAYMOND LIES
 NORMAN LEWIS MACDONALD
 RONALD JEROME MACKIN
 YOSHIO MATSUDA
 ARMAND JOSEPH MATTAUSCH
 THOMAS GERALD MCCULLOUGH, with
 High Honors
 ROBERT AKIN MCDARIS
 ALAN LOUIS MCWHORTER, with
 High Honors
 CARL ALBERT MENNECKE
 DAVID CARL MENZEL
 LAWRENCE ALLEN MERRIFIELD
 WILLIAM EARL MICHEL, with Honors
 THEO ELMER MIKITA
 ARTHUR WESLEY MILLER
 DONALD ERWIN MINOW
 JOHN ANTHONY MORREAL

EUGENE ALBERT MUELLER, with
High Honors
WILLIAM ERNEST MUELLER
JOHN GREGORY NABOROWSKI
CHARLES ALEXANDER NAEF
LOUIS PAUL NEMETH, JR.
GLENN ASHWELL OLIVER, with Honors
JOHN CLAYTON OPENSHAW
FRED ROBERT ORE
JOHN NICKOLAS OSTER
ANTHON JO PETERSEN
GERALD EMIL PETERSON
WILLIS ELLSWORTH PETERSON
DONALD RAY PHILLIPS, with Honors
HARRY EDWARD QUINN
GUS FREDERICK RANZENBERGER
JAMES FREDERICK REINHARDT
GENE RHODES
BILL DEWITT RICHARDS
JOHN RUBINELLI
RONALD RAY SCHMIDT
HOWARD LAWRENCE SIMON

DON FRANCIS SMITH
LEROY JOSEPH SMITH
ROBERT JOHN SOLEM
EDGAR HERMAN STELTER
PAUL GEORGE SYTSMA
RICHARD DALE TATMAN
RICHARD GENE TIFFANY
ROGER ROUNTREE TRAPP
WILLIAM TUINENGA
WILLIAM JAMES ULLRICH
PAUL ANDREW VANCE, JR., with
High Honors
LLOYD ARTHUR WARD
ALFRED CORNELIUS WARRICK
HARRY ROSS WEAVER, with Honors
ELMER DONALD WEGNER
GEORGE ROGER WILLIAMS
EDWARD A. WOLFF, with Honors
RAYMOND EDWARD WOZNIAK
KENNETH JOHN YOUNG
ALDO ZANONA

In Engineering Physics

HARLAN EUGENE ANDERSON
ROBERT LEE COHOON
RICHARD LEE JOHNSON, with Honors
HOWARD RALPH PADGITT
RICHARD DALE PADGITT

JOHN KENNETH ROBE, with Honors
HOBART CARLYLE RODERICK
WILLIAM COULBOURN SMITH
JACK DONALD ULLMAN
CHARLES ROBERT WALTER

In General Engineering

JOHN CARL ANDERSON
SHELDON PAUL BEHN
RICHARD VICTOR BROUILLETTE
MILTON FREDERICK BRUNNER
NORMAN EDWARD CARRUTHERS
WALTER EDWARD DEUCHLER, JR., with
High Honors
KARL HERBERT ERICKSON
LAWRENCE EDWARD KAISER

ALBERT FRED KIAUP, with Honors
EARL ROULEFORD MCKINNEY, JR.
GERALD EDWIN MELAHN
JEFFERSON FREDERICK NEWTON
RICHARD WILLIAM OSBORNE
CHARLES ALBERT PIPENHAGEN, JR.
JOHN ARTHUR THOMPSON
LYNN DOUGLAS THOMPSON
DANIEL EDWARD WRIGHT

In Mechanical Engineering

ARTHUR FREDERICK ADAMS, JR.
ARTHUR PAUL AHRENDT, with High
Honors
WILLIAM ARTHUR ANDERSON
DOYLE BEARDEN
WALLACE JOSEPH BECK
WILLIAM HENRY BECK
RICHARD WILLIAM BEILFUSS
THOMAS ROCKWELL BERGH
FRANK HERBERT BERMIER, JR.
IGNATIUS MARION BIENIAS
ROBERT SEARCY BILLS
WILLIAM EDWARD BINGMAN, with
Honors
ANGELO JOSEPH BISINELLA
RICHARD MALCOLM BORCHERDING
JAMES THOMAS BRADBURN
LLOYD JEROME BRENNA
JOSEPH JOHN BREXA
GORDON ERNEST BRIGGS

THOMAS KESTER BROWN
ADOLPH FERDINAND BRUX
GORDON EDWARD CHICOINE, with
High Honors
RICHARD CHORONZY
SANTIAGO SALGADO CLAUDIO, JR.
PHILLIP MARTIN DANIELS
MICHEL SCIPIO DELCAMP
WALTER JOSEPH DEROO
PHILIP GEORGE DOLBOW
CHARLES JAMES DONNELLY
ANDREW RAYMOND DURIK
WALLACE CARL EBERHARDT
HOWARD ANDREW ENGH
JULIAN THEODORE ENGLEHARDT, JR.
ROBERT JAMES ENROTH
PATRICK CULLEN FAHEY, with Honors
SEYMOUR JACOB FEINBERG
WILLIAM RICHARD FENZAN
JEAN ROBERT FORTIER

ROBERT GORDON FOX
 GEORGE LAMM FRANDSEN
 JOE FUJIMOTO
 DANIEL MCINTYRE GAUGER
 EVERT WAYNE GAUMER
 MITCHELL E. GNAT
 WALTER PETER GOBELL, JR.
 ERWIN JOSE GOLDFARB
 PAUL DOUGLAS GREEN
 CHARLES OWEN GUNDERSON
 ALAN MONTGOMERY HALLENE, with
 High Honors
 FRED WILLARD HANEY, JR.
 WALTER PAUL HANSEN, with High
 Honors
 ARTHUR ERNEST HEINS, JR.
 ROGER THOMAS HENRY
 WILLIAM FRANK HERDRICH
 ORIN NEAL HERTZMANN, with Honors
 FRANK WAYNE HOEHN
 JOHN CLARENCE HOEM
 PAUL GLEN HOLLERBACH
 HAROLD KEITH HURRELBRINK
 KAY DUANE JEFFERSON
 ROY KENNETH JOHANSON
 PAUL EDWIN JOHNSON
 WALLACE STANLEY JOHNSON
 RALPH EDWARD JUCHCINSKI
 DAVID TORU KATAGIRI
 WILLIAM JOHN KELLAR
 ROBERT WILLIAM KENNY
 CHARLES HENRY KERRIGAN
 JOHN EDWARD KEYSER
 GORDON LE ROY KNUDSON
 WALTER KOCOLOWSKI
 DONALD ALLEN KORTE
 PETER CLEMENS KOSTOFF, with Honors
 OTTO KOZENY, JR.
 JOHN KREYDICH
 BERNARD LATAKAS
 ROBERT LEONARD LESSIN
 JAMES LITTLE, JR., with Honors
 JAMES EMMETT LOOS, with High
 Honors
 GORDON EUGENE LYKKEBAK
 ROBERT LINDSAY MANN
 JACOB CHRIST MARICH
 JULIUS FRANCIS MARQUARDT
 JAMES THOMAS MARSDEN
 ROBERT KENNETH McDONALD
 JOHN PATRICK MCKUNE

ROBERT HARRY McMAHON
 WILLIAM LAWRENCE McNULTY
 RICHARD BERNARD MICK
 WAYNE BENNETT MITTEN, JR.
 SEATON MOON, JR., with High Honors
 NELS GUNNAR OHLSON
 RICHARD ALLEN PALMER
 GEORGE FREDRICK PARSONS
 ERNEST NEYLANDER PEARSON
 CHARLES DANIEL PEFFER
 GORDON CARL PESCHKE
 HAROLD EDWARD PFEIFER
 WALTER FRANKLIN PFISTER
 FRANCIS JOSEPH PINTAK
 RICHARD ARTHUR POWERS
 JOHN DURKEE PRATT
 OTTIS JOSEPH PRESSON
 JAMES RICHARD PRICE, with High
 Honors
 RALPH JAMES RENFRO
 THEODORE RICHARDS
 GILBERT RISKE, with Honors
 WALTER THEOBALD RITTER, JR.
 JOHN LEO RIZZOLI
 DONALD ARTHUR RUSSELL
 ROBERT LOUIS SANER
 ROCCO ANTHONY SANNICANDRO
 JOHN WILLIAM SHUGART, with Honors
 DONALD WEBB SMITH, with Honors
 GARLAND YOUNG SMITH
 WILLIAM ELLIOTT SPRES
 LAURENCE WILLIAM SPUNGEN
 DONALD DEWEY STROHBECK, with
 High Honors
 RALPH FRED SWANSON
 VICTOR EUGENE SWENSON
 HENRY JOSEPH SWINGER
 JOSEPH FRANCIS SZEKELY
 ALBERT EDWARD THOMPSON
 EDWARD JAMES TOMENENDAL, JR.
 MERLE MITCHEL WATSON
 BERNARD ALOYSIUS WEBER, JR.
 JOSEPH JOHN WEILER
 JAMES EDWARD WHELAN
 ARNE HOLMFRID WIEDERMANN, with
 Honors
 CLEMENT LE ROY WOEST
 BRUNO WROBLEWSKI
 LEONARD WALTER WYKOWSKI
 ROBERT EARL WYLIE
 LAWRENCE JOHN ZMUDA

In Metallurgical Engineering

JACK VINCENT BOESIGER
 BRUCE WOODBURN CAPEK, with
 High Honors
 LAWRENCE FISKE ANTON HUEBNER
 GERALD KENNETH KACHINSKAS
 DONALD LESLIE MACLEARY
 ROBERT MENDES NECHELES

MARVIN ARTHUR POHLMAN
 CHARLES ROBERT SCHRUHL
 EUGENE JOHN SCHWETZ
 KENNETH DONALD SHIMMIN, with
 Honors
 JAY RICHARD STURM
 WILLIAM JOHN UNTERBERG

In Mining Engineering

RONALD WILLIAM BEHM
CHARLES DAVID DOBSON
STANLEY JOHN JACHIM

THOMAS P. KERR
DONALD FRANCIS MCCARTHY
JAMES WILLIAM SNARR

In Sanitary Engineering

FRANK EDWARD BLAKE, JR., with Honors

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

ETHEL MARY ALAYU
DAVID EDGARDO AMADO
ESTELLE GLORIA ANDERSON, with
Honors in Speech
VERA ROSE ANTIMONIK
PAUL JULES ARONSON
JOHN CLARK AUTHER
HAROLD ALBERT BAKER
PATRICIA MARION BAKER, with Honors
in Political Science
STEPHEN ANTHONY BASCHNONGA
SHIRLIE MCILVAIN BEACH, with High
Honors in Spanish
THERON RONALD BEESON
WILLIAM JEAN BEESON
DOLORES ARON BENDINER
CAROL ANN BERGE
LAWRENCE IVAN BERKOVE
STELLA BEZANSKY, with High Honors
in Sociology
ELINOR JEANETTE BLACK
CLIFFORD HUBERT BLAKE, with Highest
Honors in Economics
IRVING BENJAMIN BLOOM
MARION FRIEDA BOESE
LENORE BOGOLUB, with Honors in
Psychology
SCOTT EDWARD BOHON, with Highest
Honors in History
HELEN BONK
MAURICE EUGENE BOZARTH
JEANNE BRESEE, with High Honors in
History
JOYCE ANN BRESEE, with High Honors
in Speech
RALPH OWEN BRIEN
LAZZEROW BROWN, JR.
RUSSELL THEODORE BROWN
RICHARD HARTLINE BUFORD
NANCY CAROL BURNETT, with High
Honors in Spanish
WILLIS LOWELL BUSCH
ANN CAPEN
JOSEPH YUSUF KAHN CASSIM
CHARLOTTE ALLEN CHARTERS
THOMAS WAI NAM CHUN, with Honors
in Political Science
WALTER HENRY CLARKE

ROSELYN LILLIAN COHEN
RACHEL MAE CONVERSE
MARTHA JEAN CORBETT
STANLEY ROBERT CRAINE
BARBARA CRAYS
RICHARD FRANCIS CUMMINGS, with
High Honors in Psychology
ARTHUR CORNELIUS DAUGHERTY, JR.
DOROTHY LEE DAVIDSON
FRANK JOHN DERANGO
OTIS DAVEE DESSAUER
WILLIAM WELDON DEWITT
EVELYN DEXTER
MARYHELEN ANNE DIETRICH
WILMA ANN DIVINE
KHIDIR HUSAIN DIZDI
WILLIAM DEAN DUENSING
NORMA ISABEL DYCK
DOROTHY ANNE EDMUNDS
JEAN LENORE EISLER
BETTY RUTH ENGLISH
GUNNAR KENNETH ERICKSON
BURTON ERHARD ERICSON
GERALD DALE FARWELL
ROSALIE HUNT FAY
RICHARD PAINTER FELTON
JOHN FIJOLEK
JERROL LEE FLOOD
LORRAINE MARY FOSTER
WILLIAM GRAHAM FRANKLIN
DONALD JORDAN FRIEDMAN
SARA FUNK
JAMES LOGAN GARDNER
MARY MCPHEETERS GARDNER
HARRY VICTOR GELBOIM
ETTA JOAN GEORGE
ROBERT WILLIAM GILCREST
GEORGE EDWIN GINOS
HERMINE GERALDINE GOLD
JOAN ELAINE GOLD
CHARLES MARTIN GORMAN
JOHN WILLIAM GOTHARD
JOHN RAMSDELL GRABLE, JR.
DAVID PAUL GRACE, with Honors in
Psychology
ALBERT EDWARD GRANGE
IRWIN LLOYD GREEN
ANNETTE ISABEL GROSSMAN

SHIRLEY JEAN GROVE
 GEORGE GUGICH, JR.
 CLIFFORD DEAN GUTHRIE
 AILEEN MARGARET HAGAN, with
 Honors in Economics
 DONALD ERNEST HALL
 MIROSLAV JOHN HANAK, with Highest
 Honors in Political Science
 SHIRLEY ELLIS HANCOCK
 EVELYN HANDWERKER
 JAMES FLOYD HARDESTY
 WILLIAM HERBERT HARNER
 PHILIP PERCIVAL HARRIS, JR.
 RICHARD ODUM HART
 NANCY ANN HARVEY
 GEORGIA PELIAS HATZIS
 MAURICE A. HECKMAN
 BETTY LOU HEMBROUGH
 WILLIAM PETER HERZSTOCK
 BETTY ANNE HOLLINGSWORTH
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GEORGIA ANN SIMON, with Honors in
 Education

In the Education of Mentally Handicapped Children

PHYLLIS JOANNE CRUTHERS
 BARBARA SUE HANDELMAN
 BETTY LOU LEPP

EVELYN JEAN RAPPEPORT, with Honors
 in Education
 JOAN STONE

In Industrial Education

THOMAS ROBERT CHUBB
 ALFRED HAMM
 RICHARD LAWRENCE MOORE

WILLIAM CARL SCHNEIDER
 WILLARD FRANCIS SIVILLE
 CHARLES ALLEN SMITH

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

RALPH EUGENE ABBOTT
 WILLIAM SAMUEL ALDERSON
 LYLE INCEMAR ANUNDSON
 CHARLES EDWARD ARNETT, with
 Honors
 LOUIS DELBERT AUDI, with Honors
 MARVIN BEN AXELROD
 ELBERT MORTON BLAISDELL, with
 Honors
 RICHARD HENRY BLESSMAN
 JOSE NOEL BORROMEO
 ROGER WAYNE BOYLL
 JAMES RICHARD CAIN
 EUGENE JOSEPH CHERVINKO
 CHARLES ROBERT CHODORA
 WILLIAM LEE CLARK
 DONALD HOYER CLOONEY
 AARON COHEN, with High Honors
 ARTHUR ALLEN COOKSEY, with High
 Honors
 VERNE EVANS DAEHLER, with Honors
 JAMES A. DAVLIN
 ROBERT FRANK DRULEY
 JOHN ALBERT DUNGAN
 JOHN WILLIAM EICHMAN
 RALPH FISHMAN
 EDWIN ARTHUR FOLEY
 LAWRENCE SHERMAN FORDHAM, with
 Honors
 THOMAS FRANK FUSSELL, with Honors
 RAYMOND GADDEY, JR.
 ROBERT EDWARD GARRELS
 PAUL EDWARD GLAVIN
 HARRY RICHARD GOLDNER

SEYMOUR NORMAN GORDON
 JOHN WILLIAM GORMAN
 ARTHUR IRWIN GOULD, with Honors
 LAWRENCE WILBUR HAMILTON, with
 High Honors
 HARRIETT MARTHA HAUSER
 GERALDINE CLARE HENNEBERRY
 ALICE GILLETTE HICKEY
 KENNETH RALPH HOOVER
 ALBERT EARL HUNZIKER
 JAMES HERBERT HURT, JR.
 EARL WYLLYS HYMES
 RICHARD GEORGE EDWARD JAHN, with
 Honors
 DONALD J. JASINSKI
 LEONARD ARTHUR JORDAN
 WILLIAM ERNEST JUULL
 GEORGE PAUL KAPPA
 EARL JOSEPH KEATING
 VIRGIL ALEX KNIGHT
 PETER GUST KOUMAS
 OSCAR MARVIN KRIEGMAN
 HAROLD BREESE LAWLER
 DONALD CLARK LEHMAN
 HOMER GRANT LEMKE
 WALTER LEONARD LEWICKI
 CHARLES EARL LEWIS, with Honors
 JOSEPH MAISTO, JR.
 ROBERT WILLIAM MALLOW
 JAMES WILLIAM MALOTTKI
 WILLIAM RAYMOND METTE, JR.
 RICHARD LOUIS MILLER
 RUSSELL EUGENE MILLER
 ANGELENE M. SOLLIDAY MITCHEM

GUNVALD MOEN
 CLAIREEN LAVERN MOLZAN, with
 Honors
 NORMAN PAUL NALEFSKI, with High
 Honors
 EUGENE CONRAD NICK, with Honors
 WAYNE HARLAN OBRECHT, with High
 Honors
 ETHEL LOUISE ROGERS OLER
 WILLIAM HARVEY OWENS
 GUY COBURN PACKARD
 RICHARD CHARLES PAINE, with High
 Honors
 ALBERT EDWARD PETERS, with Honors
 ANDREW WARREN PETERS
 DONALD WILLIAM PIERSOL, Jr.
 JAMES ORVILLE POTTER
 JOHN CHARLES PRINCE
 GEORGE CHARLES RIEDLE
 SHELDON ROTH
 KALMAN ROSENBAUM
 JERRY THOMAS RUDMAN

RICHARD ALLEN SANDLOW
 PAUL PHILIP SCHROER, with Honors
 HARRY OTIS SEITZINGER
 CHARLES EARL SEXAUER, with Honors
 LEON DEVERE SHELDAHL
 DEAN ALLEN SMITH
 ROY BERNT SOVE
 SIDNEY MARVIN STAFFORD
 JOHN FRANCIS STENGEL, with Honors
 MORTON ALVIN STERNBERG
 JAMES MILTON STUART
 JACK RICHARD STUEBE
 RAY FRANCIS SZYMONIAK
 ROBERT WILBUR MARTIN TRARES
 CASIMIR THOMAS TROYANOWSKI
 WILBUR JAMES WALCK
 CHARLES ARTHUR WALKER, Jr.
 ROBERT FREDERICK WANK
 TIBOR WEISBERGER
 BARRY ROBERT WILK
 ELMER CHARLES WILKENING
 JOHN ALDEN WOODY

In Accountancy and Management

ROBERT HEMPEL AHLQUIST, with
 Honors in Accountancy

CHARLES JAMES SECONDINO

In Accountancy and Marketing

HERBERT MORRIS MASS

In Banking and Finance

CHARLES EDWARD BREBNER
 JAMES MILTON CORWIN
 BRUCE EDWARD DEAN
 THOMAS CHANNING DIEFFENBACHER

THEODORE KELZ
 WILLIAM EDWARD LAPRISE
 EDWARD JOHN MICHALICKA

In Commerce and Law

LESLIE RALPH BISHOP
 ROBERT LEWIS COLE
 JOHN ARTHUR CROOK
 EARL ALVIN GLICK
 RICHARD HARRY HOLSCHER
 WILLIAM BRUCE HOLWICK
 ALFRED GENE MCWHORTER

RICHARD WAYNE PATERSON, with
 Honors
 JAMES ARTHUR REGAS
 SAM JOSEPH ROMEO
 JORDAN HOWARD SOBEL, with Honors
 JOHN STEWART STORM
 RAYMOND ALOYSIUS ZADENETZ

In Commercial Teaching

ANITA JEANNE BAGGOTT, with Honors
 DONALD JESS BROWN
 SCOTT WHEELOCK BROWN
 MARGARET LOUISE COPENHAVER
 MARILYN JO KATER
 MARY JOAN KNIGHT
 JOANNE LAGER

DONALD PARKER LITTLE
 MARION GENE MALEVITIS
 ALLAN PAUL NELSON
 PETE SALAZAR, Jr.
 PAUL WILLIS SUTHERLAND
 MARILYN ARLINE SWARTSWALTER

In Economics

ROBERT FRANK BARTIK
 SHIRLEY EVELYN HALL
 FRANK HUNT, III
 GEORGE S. JACOVER
 HENRY JOHN JOSTOCK, Jr.

WILLIAM ROBERT MOORE
 DONALD GENE PETERS
 CHARLES JOHN PURSLEY
 PAUL VORNLE

In Economics and Management

ALEXANDER THOMAS BOWER, with Honors

WILBERT JEROME KOKES

*In General Business**In Industrial Administration*

JAMES RICHARD BOWES
 GLEN EARL BROLANDER
 ARTHUR ROBERT ERNEST
 JOHN AUGUST FLOBERG
 JOHN HOMER HILF, JR.
 MARVIN OTTO JOHNSON
 ARTHUR HERMAN KOBIALKA, with
 Honors
 EDWIN ALLAN KUHN
 CHARLES FISHER LONGAKER
 YVONNE MOE OBRECHT

EDWARD JOHN PARRY
 HAROLD PASTRON
 CHARLES PATRICK REITSCH
 HAROLD ALLEN RODBRO
 DAVID PEERS ROGERS
 NATHAN ROTHENBERG, with Honors
 ROLAND NORMAN SCHWEITZER, with
 Honors
 GEORGE MCKENZIE SMITH, JR.
 LYLE HOWARD SMITH
 DONALD EDWARD SUNDERLIN

In Management

CLIFFORD LEON BABCOCK
 ALVIN EDWARD BARWIG
 WILLIAM ROBERT BEARD, with Honors
 ROBERT FRANCIS BERGLAND
 WILLIAM HOWARD BRAUER
 MAURICE RACE BUDDEMEIER
 ROBERT WARREN CAIN
 MORRIS CLINTON CANNON, with Honors
 CAMERON CARLEY
 ROBERT EARL CUNNIFF
 JAMES CALVIN DEETJEN
 DAVID EISEN
 HOWARD BURTON FRANKLIN
 ROBERT DANIEL HIBBEN
 MARY JEAN HOURAN
 HERBERT DON HUFFMAN
 MILTON JACK JAFFE
 ROBERT LEE JOHNSON
 JAY WILES KENAGA
 WILLIAM JOHN KORBER
 ALLEN VERLE MADARY
 HARRY BOEL MADSEN
 IRVIN LEON MAREK
 VICTOR JOHN MARTELLO
 PAUL LOUIS MEUNIER
 EDMUND ROBERT MEYER, JR.

PAUL EDWIN NEAL
 CHARLES ROY O'NEAL
 DONALD FREDERICK OTT
 JOHN SANFORD PARKER
 THOMAS LAWRENCE PHALIN
 JOHN JOSEPH POWERS
 JACK LOUIS RIEKE
 JAMES WESLEY SCHMIDT
 JACK NICKEY SHAFFER
 WILLIAM FREDERICK SIEMER
 FLOYD KEITH SIRON
 JOHN EDWARD SMALLMAN
 KENT FIELDEN SPENCER
 NAOMI STREETER
 DONALD CHARLES THIEMANN
 LOWELL DEVERE TWITCHELL
 FLORENCE YVONNE URE, with Honors
 STEVE VUKADINOVICH
 HERMAN GUSTAV WAARICH, JR.
 SIDNEY ELLIOTT WALTERS
 BURTON ALLEN WEISBROD, with High
 Honors
 GARLAND FRANCIS WILSON
 WALTER STANLEY YOCIUS
 JOSEPH F. ZVER

In Management and Marketing

OAKLEIGH RANDLE ADKINS, JR.
 ANGELO BARRA
 ROBERT LEOPOLD BECK
 DANIEL CAREY
 EDMUND JOSEPH CONNESS
 GARLAND WESTON CRAFT
 LAWRENCE WILLIAM FISHERKELLER
 ALBERT EDWARD FRANK
 RICHARD C. GAMSU
 MARVIN MAYNARD GERSTEIN
 HARRY E. HALLSTROM
 DONALD MELVIN HOUP
 CARL WILLIAM JOHNSON, JR.
 HUBERT JUNGE, with Honors
 IRENE CONSTANCE KAZMIERSKI
 GEORGE WILLIAM LEMEN
 ALAN PHILIP LEVIN
 ROBERT DONALD LUSTGARTEN
 ELIZABETH ANN MASTERMAN

JOHN DAVID McDONALD
 WILLIAM JAMES NELSON
 JOHN RALPH PALANDECH
 ROBERT DAVID PEARLMAN
 VICTOR RONALD PEARSON
 DONALD CHARLES PISONI
 DOUGLAS EUGENE REED
 GEORGE JOHN REUSS
 LYLE KENT RHEA
 THOMAS WALTER ROE
 THOMAS JOHN ROGERS
 HARRY HANSON SCHOCH, III
 WILLIAM WAGY SHAW
 MARTIN KAROP SIMONIAN
 JEROME JOSEPH SLAVIK, JR.
 EDWARD STREETER
 ARTHUR JOHN WILLIAMSON
 LEONARD SOLOMON WORTH

In Marketing

HAROLD FRANCIS ARMSTRONG
 SHIRLEY LEE BARTELS
 ANDRE DUVAL BAYLE
 WILLIAM EDWARD BERNARDI
 MARTIN GEORGE BERUTTI
 CARL JOHN BOEHME
 RICHARD JOHN BOWERS
 EDWIN BENNETT BRADLEY
 MARIE ERNSTINE BRUEGGEMANN
 JERRY PAUL BURCH
 WILLIAM CHARLES BURT
 CHARLES WARREN BUSBEY
 PATRICIA MARION CAVAN
 EDWARD JOSEPH CHATT
 ROBERT LAWRENCE COHN
 JAMES EDWARD COLLINS, JR.
 THOMAS PETER DUDDY
 JEROME JERRY EPSTEIN
 SIDNEY BERNARD FISCHBURG
 JOHN BURTON FORSELL
 DONALD ROGERS FOSTER
 GEORGE RUDOLPH FOSTER
 JAY LEWIS FRANKEL, with High Honors
 CHARLES THAYER FRENCH
 THOMAS CHARLES GARRISON
 JASPER CALVIN GOIN, JR.
 DAVID ARTHUR GOLDSTEIN
 SIDNEY VICTOR GOTTLIEB
 ROBERT MILTON GREEN
 RUTH FLORA GULDER
 JAMES ALEXANDER HAGER
 CHARLES EARL HANNA
 JOHN MICHAEL HENRY
 JOHN ALBERT HEUER
 RICHARD WALTER HEURICH
 IRION SIMMONS HEYMAN, JR.
 ALLEN BERNHARD HOROWITZ
 ROBERT LESTER HURCKES

ANTHONY JOSEPH JANUS
 GERALD THOMAS JENKINSON
 JAMES OLIVER JOHNSON
 ROBERT HOWARD JOSEPH
 WILLIAM WAYNE KAHLE
 WARREN LOUIS KAMMERER, JR.
 LEONARD KRAVETS
 ROBERT GEORGE LIND
 ALEX LOPOTKO
 LYNN EDWARD LYNCH
 HELEN LUCILLE MALOTT
 MAX MILBURN MATTHEWS
 HALE ALDEN NEWCOMER
 MARILYN JEAN OWENS
 MICHAEL LOUIS POMPILIO
 CARL FREDRICK RADKE
 MARSHALL ARNOLD RAFF
 DON REDEL REISNER
 LYLE EUGENE ROBBINS
 JOHN BAKER ROCKWELL
 GEORGE WILLARD RUMBYRT
 JOSEPH KERMIT SCHULMAN
 LLOYD B. SCHULSTAD
 JEROME SHYMAN
 RODNEY GARNSEY SPARR
 RICHARD BYRON STEVENS
 JACK EVERETT STORY
 WILLIAM HILLIARD THOMAS
 ROBERT EARL ULRICH
 FRED MATHAS VANCE, JR.
 MARTIN MERLE VIGON
 EDWARD JOHN WALDHANS
 HOWARD NICHOLS WEDELSTAEDT
 RICHARD DAHLEEN WENTLAND
 RICHARD SCHREYER WILLIAMS, with High Honors
 RICHARD AUGUST WULFERT
 EDWARD ZIGMAN
 ROBERT JOHN ZIMA

In Public Affairs

ROGER ALLEN HACK
 HAROLD EUGENE KIELER

DICKINSON GEORGE WILTZ

In Secretarial Training

ROSELYN MARIE BENZEL
 DORIS BOLATTO BUCK
 FRANCINE GLORIA COHEN
 LYNN EUGENE DELAND

ELIZABETH SCHICK DUNN
 ROSEMARY HELEN FINGER
 BEVERLY JEANNINE FORDYCE
 PATRICIA ANN FRISON, with Honors

SCHOOL OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

SEYMOUR ADELMAN
 BETTY ADLER, II
 HOWARD ALPER
 DANIEL HESS BAER
 NORMAN WOLF BARNETT, with Honors
 MARILYN MAE BERGER

SAMUEL BERGER
 GUSTAVE THURE BERGLUND
 ROSALINE THERESA BIASON
 RICHARD BURNETT BRADSHAW
 BARBARA JEAN BUNN
 WILLIAM LYMAN BUNTING, JR.

BRUCE ALEXANDER CAMPBELL
 PAUL MILNE CARLSON
 ROBERT ANGELO CATALDO
 FRANCES MAY CAWTHON
 DON LELAND CHENOWETH
 GERALDINE HAMILTON CHRISTOFF
 BARBARA JEAN CHRYSLER
 EDWARD EUGENE CLARK, Jr., with
 Honors
 CAROLYN RUTH COHEN
 SAMUEL COHN
 SHELDON COHN
 JOHN FRANKLIN CONLEE, with Honors
 JOHN FRANCIS COX
 LEONARD NORMAN DAVIS
 SEYMOUR MORTON DORDICK
 PAUL WARREN DOUGLASS
 JOYCE COLLEEN DREW
 LAURENCE ALBERT DWYER
 DONALD VALENTINE ERICKSON
 EVAN ARLIN EVANS
 MARTHA ANN FELSENTHAL
 JAMES ALBERT FELT
 ROBERT WILLIAM FLORZAK
 JOAN MARY GERMANO
 NORMA JEAN GETZ
 ROBERT KEITH GILSON
 BURTON WILLIAM GOODMAN
 FRANCIS XAVIER GORNY
 BERNARD HOWARD GOULD
 JOYCE HELEN GREENBAUM
 CAROLYN ANN GREENE
 SANFORD GREENWALD
 JOANNE DAUGHERTY HAYES
 JVANNE JEANNE HENRY
 EDMUND ROBERT HERCER
 MARILYN RYDER HERSHEY, with
 Honors
 ARTHUR EMIL CARL HINTZ
 FREDERICK WILLIAM IRVING
 ESTHER ANN JARVIS, with Honors
 JAMES ARMIN JENSEN
 WILLIAM EVERETT LARRABEE

PAUL LARSEN
 EWALD JOSEPH LARSON
 JOHN DAVID LEONARD
 BARBARA ILENE LISENBY
 MILTON SELWYN MALTZ
 SHIRLEY MARIAN MARGOLIN
 JOHN HARRISON McDERMOTT
 NORMA IDA MEAD
 SHIRLEY RUTH MILBRANDT
 SHELDON ALFRED MIX
 WILLIAM HOWE MORGAN, with
 Honors
 MARY ANN MORRIS, with Honors
 BURTON SEELY MORWOOD
 HARRIETT ANN PARSONS
 CORA ELIZABETH PATTARSON
 MARVIN PERSKY
 SALLY PAUL PIERCE
 BARBARA SUSANNE PLANCK
 THOMAS ANTHONY RACE
 FREDERICK MATTHEW RAPP
 JOAN BRABANT REEVE, with Honors
 PATRICIA ANNE RILEY
 NORMA PAULINE RUMERY
 ROBERTA ANN RYAN
 ALAN LYLE SCHRADER
 JOHN RICHARD SCHREFFERMAN
 LOUISE SCHULTZ, with Honors
 DAVID LEE SEIDEL
 ISADORE SHRENSKY
 BEVERLY ANN SMITH
 MARVIN PHILIP SOSIN
 WILLIAM EDWARD SPIVEY
 BARBARA ANN TAYLOR, with Honors
 DOROTHY ANN TEXTOR
 NANCY ANNE TURNEY
 MARY SUSAN TWOMEY
 MYRON DALE WALDEN
 JAMES HERMAN WEISS
 JOAN DELORES WESTGOR
 ROMAYNE CLARE WICKLUND
 JOSEPH A. WYNN
 WILLIAM ROBERT YATES

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

ALBIN FRED ANDERSON
 ARNOLD ARTHUR BITTERMAN
 THOMAS FRANK BLECK
 GUSTAV BRAUN
 ARTHUR L. BROMLEY
 MARVIN JACK CANTOR, with High
 Honors
 ROBERT LOUIS CARRIEL, with Honors
 GEORGE ROBERT COOK, with High
 Honors
 ROBERT JAMES COWLING, with Honors
 BRIAN JOHN CRUMLISH

RUSSELL ARTHUR DANKERT
 WILLIAM EGGER, Jr., with High
 Honors
 EARL LAYTON FLANAGAN
 FRED JOSEPH GAGGIOLI, with Honors
 CHARLES THOMAS HAND
 DAVID EUGENE HARVEY
 MICHAEL PETER JABLONICKY
 WILLIAM ROBERT JOHNSON, with
 Honors
 ROBERT STIRLING JONES
 HERBERT JAMES KOOPMAN

FRANK WILLIAM KURZ, JR.
 HAROLD FLETCHER LANKTON
 JAMES ROBERT LATHAN, with Honors
 DANIEL EDWARD LENOBLE
 SEYMOUR LEPP
 JAMES ALVIN LINDER, with Highest
 Honors
 EDWARD HODGE MATTHEI, with High
 Honors
 JAMES C. MAY
 CHARLES JAMES McDONALD
 HENRY JAMES MISZKOWICZ
 DONALD HALLETT MORE
 ROLLIN VERNON MOSHER
 KENNETH CONRAD NASLUND, with
 Honors
 WILLIAM BARRON NEWLIN, with
 Honors
 WESTING EARL PENCE
 ROBERT JOHNSTON PIPER
 ZORACK RABIN
 ROYAL JOSEPH RASMUSSEN, with
 Honors

ELVIN BERNARD RILEY
 MARVIN ROTHMAN, with High Honors
 JOHN ROY SCAGGS
 DAVID HENRY SCHOENROCK
 ERNEST RALPH SEYMOUR
 RONALD SIMON
 VITO SPADAVECCHIO
 THOMAS JUNIOR SPENCER
 GLEN LELAND STEIGER
 CONRAD RONALD STERLING
 HAROLD EDWARD STORM
 ELTON ROBERT SWANK
 WILLIAM HAROLD TANNER
 HARVEY TEITELBAUM
 TORWALD HAROLD TORGENSEN, with
 Honors
 ANDREW VERKADE
 JOHN RAYMOND WALLERIUS
 HOWARD BAILEY WEINER
 VIRGIL CORNWELL WIKOFF
 GEORGE JOHN WILLIAMS
 FRANK COOLIDGE ZANCANELLA
 JAMES JOHN ZERANTE

In Architecture

SEYMOUR ALTMAN, with High Honors
 FREDERICK REED BATES, with High
 Honors
 ELEANOR MARIAN BELING
 DONALD FORREST BENSON, with Honors
 DONALD HILL BERGSTROM
 LLOYD CHARLES BOYCE
 RALPH WILLIAM CLAYTON, JR.
 WALLACE BROWN CLELAND
 THOMAS HARDING DANIELS
 PAUL MCKNIGHT DEELEY
 WILLIS CLARENCE DELANEY
 DONALD THOMAS DENNIS
 SAMUEL BERTON DENTON, with Honors
 JOHN WILLIAM DIMMICH
 FRANCIS EDWARD ELLIOTT
 DONALD MAGNUS ENGSTROM, with
 Honors
 FRANK CARL FALESCH
 SEYMORE GUY FISHMAN
 ERWIN JOHN FOX
 BERNARD GARB
 DONALD ELROY GUNNERSON, with
 Honors
 ALBERT ALEXANDER HALE, with Honors
 SHELDON LEROY HILL, with Honors
 DWIGHT GORDON HUNT
 RACHEL BARLOW JAMES
 BRUCE HUBBARD JOHNSON
 TARIK SULEYMAN KAYNOR
 JOHN PHILLIP KIBBE, with Honors
 JOHN MORROW KING
 WESLEY ROBERT KING
 NORMAN ALFRED KOGLIN
 EMIL WALTER KORENIC

GEORGE WILLIAM KRUMDIECK
 ROBERT LEONARD LARUE
 GEORGE MICHAEL LASLO
 JOSEPH DENNIS LECHNIAK
 GEORGE JOHN LESONDAK
 CLARENCE DONALD MAY
 ROGER JAMES MCKEAGUE
 GEORGE MAURICE MEGGINSON
 DONALD HARDIN MILLER
 WILLIAM CHRISTIAN MOE
 LEE GUY NELSON
 LAWRENCE JAMES O'DONNELL
 HELEN VICTORIA OLSON
 RAYMOND ANTHONY PIGOZZI
 HARLAN ALBERT PRATT
 WILBUR GEORGE QUAM
 ELVIN BERNARD RILEY
 JOHN ARNOLD ROESER
 DONALD PORTER RYDER
 ROBERT MARSHALL SIMMS
 WILLIAM TRUMAN SPOONER
 EDWARD WILLIAM SWEETNAM, JR.
 JACK HARRY SWING
 RAYMOND SIDNEY THOMPSON
 CHESTER JOSEPH TOBOLSKI
 CARL RICHARD WAGNER, with High
 Honors
 RICHARD HOWARD WELDON
 LEONARD SIGURD WICKLUND
 GEORGE CECIL WINTEROWD, with
 Highest Honors
 HAROLD CAMPBELL YOUNG, with High
 Honors
 RUSSELL PAUL ZIEGLER

In Landscape Operation

JAMES PAPE CARIS
CHARLES WARD HARRIS, with Honors

DONALD ROY LINTON, with Honors

In Music Education

BETTY CHARLENE ABRAHAM, with High Honors
GWENDOLYN ANNE BORN
KARIN MARGARET CLAFFORD
MARTHA JANE CONN, with Honors
CARMEN MARIE COVEY
JOSEPH SAMUEL CURATILO
NELDA JANE ELLIOTT, with High Honors
JANET RUTH FULTS
JOHN FRANKLIN GUSE, with Honors

JAMES HORNIMAN HOBBS
MARGERY ANN IVERS
EDWARD JAMES JONES
FRANCES LOUISE KENDRICK, with High Honors
GWEN ELIZABETH NEUBAUER
VIRGINIA LOUISE PLAYER
DONALD ARWIN RAHN, with Honors
PAUL JOSEPH SCHARFENBERG
ROBERT GENE WALLACE
IRA JAMES WHITE

Degree of Bachelor of Fine Arts*In Advertising Design*

ROCHELLE PORTMAN BERKUN
RONALD ALLAN BERNSTEIN
BETTY RAE DAVISON, with Honors
JOHN ROBERT FULTON

GEORGE O'NEIL HOLMES
RICA OLIVE KAHN, with Honors
GEORGE FRANCIS MODE

In Art Education

WILLA CATHERINE BOWEN
ELAINE BRAMS, with Honors
MARY FRANCES CARTER
HARLAN KNOWLTON CORRIE

AUDREY JUNE LAVERNE LARSON, with Highest Honors
PATRICIA TAUGNER LASLO
BERNARD MELTZER, with High Honors
PATRICIA JANE RISLEY

In Industrial Design

WALTER HAYES BAILEY
RALPH MORTON LAZAR
RAYMOND ALVIN LEININGER, with Honors
PAUL GENE MATHES, with Honors
HERBERT ELI PERRY

GEORGE EDWARD SCHAEFER
DANIEL STOOKEY
ARMOUR HARDING TITUS, JR.
JOHN CRAIG VINGREN
EDWARD JOSEPH WALSKY

In Landscape Architecture

DONOVAN LYLE ATEN, with Honors
GEORGE CHASE BELTZ
LAWRENCE WILLIAM CRALLEY, JR.
JEAN VIOLET FREYERMUTH

RICHARD ARNOLD GÜCKER
CHARLES WARD HARRIS, with Honors
WILLIAM ROBERT KLATT
CARROLL MICHAEL TABAKA

In Painting

ROBERT SEYMOUR ALEXANDER
ANGELO CANGIAMILA
MARILYN CHRISTIAN CONRAD, with Highest Honors
JULIETTE BEATRICE DEAN
BERNICE WOODRUFF KARRAS, with High Honors

ROY PAUL MADSEN, with Honors
ROBERT ERNST MARX, with Honors
ROBERT MIZRAHI
DANIEL NACHTMANN
ROLAND GENE TRAVIS
ROBERT JOHN WILBERT, with Honors

Degree of Bachelor of Music

ROBERT LEE BANKERT
RICHARD LAWRENCE BOUCHARD, with High Honors
MARY LOUISE DAY, with High Honors
JANET RUTH FULTS

DOROTHY RUTH LUNDGREN, with High Honors
MARGARET OPHA MILES, with High Honors
BARBARA JEAN PARKS, with Highest Honors

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

NATALIE FARGESON ABERMAN	JOANNE MCCARTY
IRWIN AUGUST, with Honors	JUANITA FEDOSKY MEUNIER, with
PATRICIA ANN BARACKMAN	Honors
THEODORE CHARTON BEACH, with	BETTY CHANEY MEYER
Honors	CHESTER JOHN MICHNA
LEONARD WILLIAM BURT	DONALD CLAUSE MILLER
WILLIAM GEORGE CHANDLER	ROBERT HAWLEY MILNE
KATHRYN CABLE CRAMPTON	HAROLD STEWART MORRIS
DONALD OAKLEY ELLIS	JOAN LOIS MORTTRUD
JENNORA RUTH FISHER	RICHARD ARTHUR MUELLER
JACK GALUS	JOHN WILFRED MURRAY
ROBERT EDWARD HALL, with Honors	CHARLES FRED OLANDER, Jr.
JANE ELLA HERZBERGER	MARTHA MARY PATTERSON
WILLIAM JOSEPH HOFFMAN	PRISCILLA JOAN PEARSON
BETTY JEAN HOSKINS	MARIA CECILIA PELLIZZARI
LORENE GLADYS HUEBER	AGNES ANN RADICH
ARLIE JAMES HUGHES	JOHN RICHARD RADOSEVICH
MARY ETTA EDWARDS HUSMANN	ROBERT EUGENE RICE
PATRICIA LOUISE HYDE	JOSEPH NEALE ROBERTS
MARJORIE BERNICE IVES	CARL JOSEPH SAHLIN
GERALD PAGE JOHNSON	DOLORES MAE SCHWABE
ROBERT EDWARD KELLY	OSCAR SIEGEL, with Honors
JOSEPH WALTER KEMPA	JERRY SLACK, Jr.
BARBARA JEANNE ANN KIRCHER	DONALD IRWIN SMITH
GERALDINE LOU KNETSCH	EUGENE JOHN SPANNENBERG
CAROLYN JEANNE KRAYBILL	DONALD JAMES SUNDERLAGE
LOIS M. KRUGER	ROBERT EUGENE TAYLOR
JOAN BEVERLY LANDERS	JAMES MURRAY THOMSON
JOHN THURMAN LEACH	WILLIAM JOHN VOHASKA
JAMES HERBERT LOHMAR	JOHN ALBERT WALKER
MARIO MARCHISIO	RICHARD JOSEPH WANDERSKI
IRIS JOAN MARCUS	WALTER WILLIAM WINKLER
JOHN JOSEPH MCCARTHY	EDWARD JAMES ZINKER
JOSEPH JOHN PATRICK MCCARTHY	

In Recreation

CHARLES WILLIAM CURTIS	DONALD FRANCIS LAMBERT
FRANCIS JOSEPH DOLAN	GEORGE KYLE MALCHEFF
ROBERT STANFIELD HINKLE	J. ARCH MARKLE
WILLIAM GERALD JASINEK, with	
Honors	

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

PHILIP ANDREW ABROMOVICH	JAMES LEE BROWN
CHARLES LYNNE ADAMS	STANLEY CONRAD BURKE
DANIEL JOSEPH AFELD	CHARLES EDWARD BUTTERFIELD, Jr.
PAUL SAMUEL ALLEN	ROBERT ANTON CECNER
HARRY CHILTON BALDWIN, Jr.	STANLEY ALCIDE CHANGNON, Jr., with
WALTER GERALD BEAN	Honors
PHILLIP KEMPER BENOLIEL	JOSEPH FRANK CHLUP
BRUCE E. BIRDSALL	RICHARD MITCHELL CLOHECY
FRANK WALTER BORTA	HUBERT J. COLLINS, Jr.
JOHN BOWLES, III	GERALD DAVID CRIPE
MONROE BRASLEY	ROBERT BLAIN CROCKER
CLAIRE EUGENE BROWN	PAUL HOWARD CROFT, Jr.

GERALD PHILIP CROHN
 HUBER DALE CUNNINGHAM
 KENNETH ROBERT DARRE
 JOHN H. DAVIS
 JOHN WILLIAM DECKER, JR.
 ALBERT PHILIP DIETRICH
 RICHARD LEROY DILL
 WILLIAM EDWARD DILLMAN
 JOSEPH JOHN DOERING
 CORNELIUS FRANCIS DORE, JR.
 FRANK JACKMAN DRAPER
 JOHN BROWN DROSTE
 JOHN NOTLEY EDWARDS
 CHARLES FREDERICK EMMERT
 JAMES HOWARD EVANS
 ROBERT HENRY EYLER
 ANTHONY FAZIO
 EUGENE MICHAEL FEDOR
 JOSEPH FARLEY FITZGERALD
 WILLIAM GERALD FITZGERALD
 JOHN JOSEPH FLYNN
 JAMES HAROLD FRANCIS, JR., with
 Honors
 JOHN WILLIAM FRANK, JR.
 CARL ROY FRIBERG, JR.
 RALPH VERNON FROEHLING
 ROBERT VICTOR GLASS
 JACK ALLEN GLOGER
 JAY GLADSTONE GORE
 JOHN RAINEY GRIFFIN
 JOSEPH JOHN GRIGALASKI
 ROBERT LEWIS HALL
 EDWARD DONALD HALLETT, with
 Honors
 JASON ALOYSIUS HANDEL
 ROGER PAGE HANSEN
 JERRAL TALBOT HARPER
 ROBERT GUTHMANN HARRIS
 JACK THEODORE HARROUN
 ARLIN PHILIP HARTMAN
 ROBERT MAURICE HASCH
 SCOTT GARNER HASLER
 JOHN M. HASSED
 ANTHONY JEROME HEBEL
 PAUL HERZ, JR.
 JOHN GORDON HILL
 LAURENCE CRAWFORD HILL
 HOMER WENDELL HISER
 ROBERT JOSEPH HOLMGREN
 EMANUEL HOROWITZ
 ROLAND JOSEPH INGOLD
 MICHAEL JOSEPH INGRASSIA
 ROBERT IVANCEVICH
 GORDON FLOYD JOHNSON
 CHARLES HARRY JUISTER
 JAMES SHERLOCK KAREL
 JOHN RUDOLPH KARNER
 CLYDE ALBERT KAUTZ
 THOMAS TAYLOR KING
 CHARLES JOHN KINSEY
 KURT EDWARD KLEINDIENST, JR.
 LEE EDWIN KNOWLES

ROGER ROY LARSON
 JOHN ANDREW LASKO
 JAMES HERBERT LAWRENCE
 ROY DONALD LOCKART
 WILLIAM CLARENCE LYTHBERG
 OLIVER DAVIS MANN, JR.
 PETER CHRISTOPHER MCCAUGHEY
 JAMES LESLIE McDONALD
 WILLIAM LALLY McDONALD, JR.
 ROBERT KEITH MCGINNIS
 HARRY HALBERT MCGRAUGH
 KENNETH DALE McLAUGHLIN
 DAN HOWARD McNEAL
 JOSEPH MELILL
 RONALD STUART MENSEN
 JAMES RICHARD METCALF
 ROBERT CLIFTON MILES
 CARL BERNARD MILLER
 KAREL MONTOR
 JAMES LESTER MOORE, JR.
 FRANK ANTHONY MORELLI
 CYRUS LIFSCHUTZ MORTON
 JAMES ELDON MOSES
 JOHN ROBERT MURPHY
 ROBERT FRANK NAVIGATO
 WILLIAM GALLOWAY NIXON
 MERLE LINCOLN OAKLEY
 ROBERT ANTHONY OWENS
 CHRIST NICHOLAS PAGAKIS
 ROBERT LOUIS PAUS
 STEPHANO GUST PELAFAS
 EDWARD CHRISTIAN PETERSEN, JR.
 HAROLD JOHN PETERSON
 JOHN EDWARD PETERSON
 JOHN BENJAMIN PFLAUM
 ROBERT KENNETH POWELL
 PHILIP RAY PRITCHARD
 RONALD FRANCIS ANTHONY RADOMSKI
 JOHN PAUL RAK
 PATRICK HENRY REGAN
 EARL DEAN REINMUND
 NORMAN IRVING RICH, with Honors
 WILLIAM HART RIDDELL
 JOSEPH CAROL RIEFFENBERGER
 CONRAD FRANCIS ROURKE
 DUANE LEWIS ROYAL
 LESTER SADOWSKY
 DONALD ARTHUR SANDSTEDT
 ROBERT GENE SCHALTER
 NORBERT ALBERT SCHNIER, with
 Honors
 MCKAY JAMES SEATON
 SAM ROBERT SERDAR
 ROBERT GENE SHELBY
 REGINALD DANIEL SHEMAITIS
 GLENN HUGHIE SHERADEN
 WILLIAM CHARLES SHEWALTER
 CHARLES ARTHUR SHUMARD
 HENRY WASHINGTON SILK, JR.
 NELSON MYLES SILK
 JEROME RALPH SINGER, with Honors
 ALBERT AUSTIN SMITH

FRANK LAUSTEN SMITH
 STEVEN LEE SMITH
 ROBERT NOLAN STABLER
 JOSEPH CONDON STEIDL
 DAVID ELI STEINBERG
 JACK HENRY STITES
 WILBUR DALE STITES
 JAMES DANIEL SULLIVAN
 PHILLIP GORDEN SUNKEL
 HARRY ARTHUR SWANSON
 BRADLEY BENNETT TAYLOR, with High
 Honors in Landscape Architecture
 DONALD ELIOT THOMPSON
 HENRY MATTHEW THOMPSON
 ROBERT EMIL THOMPSON
 TIMOTHY FRANCIS TOOMEY

JULIUS TRITELLI
 IRWIN WILLIAM UNGER
 GORDON UYTTEBROUCK
 ROBERT FRED VON DACH, with Honors
 ARTHUR EDWARD VYZRAL
 BERNARD ALTEN WAHLE
 MARVIN LEROY WALKER
 ROBERT MARSH WATKINS, JR.
 ROBERT WEBER
 CHARLES MORRIS WHITMORE
 ROBERT GLENN WILKINS
 JOHN GORTON WILLS
 DAVID CARLISLE WIMER
 WALTER FRANK ZALESKI
 MILES KIMBALL ZIMMERMAN

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

FRANK FOX ADAMS
 JEROME BANICKI
 HENRY JOHN BROUWER
 JOHN ALLEN BUCKLER
 PAUL EUGENE BURKITT
 BERNARD DEVERE CAMPBELL
 DONALD JOSEPH CARREN, with Honors
 GERALD DART
 WILLIAM CLARENCE DOLOWY
 JOHN HENRY DUST, with High Honors
 JOHN EHRLHARDT, with Honors
 ROBERT KEITH ETHERIDGE

ROBERT WILLIAM GALVIN
 JOHN JOSEPH GRAFFY
 JOHN WILLIAM HAXBY, III
 EARL LADELL KINGRY, with Honors
 KENNETH HUBERT KLINGELE
 CLIFFORD MARION LINKER
 ELMER THOMAS OWINGS
 JAMES FREDERICK PALMER
 WILLIAM LEVI SEARLS
 LEON FREDERICK STRIEGEL
 GLENN LEE WAXLER, with High
 Honors

Degrees Conferred in Chicago

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

(Conferred June 23, 1950)

GLORIA ANGELINE ALESSIO
 HENRY GARFIELD BARHAM
 MARVIN BERNSTEIN, B.S., Roosevelt
 College, 1948
 RALPH ORAN BOONE
 OSCAR BREYER
 CONSTANTINE DANNY DELLUOMO
 ROBERT ELMORE GIBBS
 ERWIN SIDNEY GOLDBERG
 WILLIAM THOMAS GORMLEY
 LOUIS GREENBERG
 PAUL LAURENCE JENNINGS
 RICHARD I. KAUFMAN
 HARMON RICHARD KELLY
 MARVIN LOOPER
 JAMES ROBERT MCINTIRE
 MARK JOSEPH MENDELSON
 MARILYN ANNE NOVAK
 WYATT KAY PARKE

BERT DOMONIC POMATTO
 THEODORE JOHN PAULY
 EARLE FRANCIS POMIJE
 ALBERT RAPPAPORT
 NED MASON RING
 HAROLD DAVID ROTHBLETT
 MILO RUDOLPH SAFAR
 ROBERT GORDON SAVAGE
 DAVID CHARLES SHAPIRO
 RICHARD EDWARD SKARDA
 CLIFFORD ALLEN SPERRY
 ROBERT ELLSWORTH SPRAGUE
 GORDON LOUIS STASTNY
 LOUIS ANTHONY STESSL
 NORTHAM HOYT STOLP
 THOMAS EARL SUTA
 WADE RODWAY SWAN
 DONALD LAVERNE SWANSON

(Conferred March 24, 1951)

J. RUSSELL AYERS

ROBERT EDWARD EUGENE GULLEY

Degree of Doctor of Dental Surgery*(Conferred June 15, 1951)*

- HOWARD APPLE, B.S., 1949
 J. RUSSELL AYERS, B.S., 1951
 ROBERT EDWARD BARNES
 SANFORD ALVIN BEAR, B.S., 1949
 GERALD HARRISON BORDEN, B.S., 1949
 THOMAS EDWARD BRADEL, B.S., 1949
 ALLAN GIBSON BRODIE, JR., B.S., 1949
 BYRON GLENN BUTT, B.S., 1949; with Honors
 CHARLES WILLIAM CANTRELL, B.S., 1949
 CHARLES WORTHINGTON CARMAN, A.B., Denison University, 1947; B.S., 1949
 FORREST WAYNE COTHERN
 CHARLES WILLIS CROOKS
 VERNON RUSSELL DAMER, B.S., 1949
 HARLAN EUGENE FEICHT, B.S., 1949
 JEROME FEIN, B.S., University of South Carolina, 1946
 JAMES RUSSELL FORDYCE, B.S., 1949
 WILLIAM FREEMAN, B.S., 1949
 FREDERICK WILTON GIBSON
 HERBERT JACK GORDON, B.S., 1949
 PAUL FREDERICK GRIMM, JR., B.S., 1949
 JOHN ROBERT GRIMSON, B.S., 1949
 ELDON FRANCIS HAMMER, B.S., Greenville College, 1947
 SUSUMU HASEGAWA, B.S., 1949
 MAURICE HAUPTMAN, B.S., 1949
 HOMER LAWRENCE HEDMARK, B.S., 1949
 LEHMANN MELVIN HENDERSON
 EUGENE ZOLMAN HILL, B.S., 1949
 WORL VALCHESTER HILL, A.B., Indiana University, 1946; B.S., 1949
 OLGA HORWITZ, D.M.D., University of Munich, 1947
 FRANK LEO IRELAND, B.S., 1949
 WILLIAM FRANK JESENOVEC, B.S., 1949
 JOHN FRANCIS JESKE
 ROBERT LEE KIMBROUGH
 MILTON JUNIOR KNAPP, B.S., 1949
 GEORGE ADAM KUNKE, B.S., 1949
 PHILIP JOHN LONG, B.S., 1949
 JAMES RICHARD MCMAHON
 RALPH JULE NELSON
 KENNETH OMER NORGAARD, B.S., 1949
 ROY ERNEST OLSON
 MELVIN PLATT
 FRANK JOSEPH PSOTA, B.S., Roosevelt College, 1947
 WILLIAM THOMAS RALEIGH
 EUGENE PETERSON RANKIN
 RAY ROTHSCHILD, B.S., 1949
 JAMES ANTON SCHELL
 WALTER HERMAN SCHNEIDER, B.S., 1949
 WILLIAM JAMES SEIDEL, B.S., 1949
 MAURICE SLIVNICK, B.S., 1949
 ELEANOR RITA SOLUS, B.S., St. Xavier College for Women, 1947; B.S., 1949
 MARVIN L. SPARKS, JR., B.S., Western Kentucky State Teachers College, 1943
 ROBERT JOSEPH STENGEL, B.S., 1949
 ARNOLD TAMARIN, B.S., 1949
 JAMES HAY THOMSON, B.S., 1949
 CHESTER EDWARD TOTON
 VICTOR ANTHONY VARRIAL, B.S., 1949
 ROBERT CLARKE WALLACE, B.S., 1949
 GORDON CLARK WARD
 LEWIS LAWRENCE WEIL
 IAN MACDOUGALL WEST, B.S., 1949
 DELBERT ANTHONY WHITING
 EMILIA NESTERCZUK WOJNAROWSKY

COLLEGE OF MEDICINE**Degree of Bachelor of Science in Medicine***(Conferred June 23, 1950)*

- BERNARD LEO ABRAMS, B.S., 1948
 ROBERT J. ADOLPH, Ph.B., University of Chicago, 1947
 NOBBY NOBORU ARATA
 ROLAND GUSTAV ANDERSON
 GEORGE PICKERING BALZ, A.B., 1948
 GEORGE WILBURN BARD
 ALLISON GAIL BAXTER
 ROBERT PIXLEY BAYSINGER, A.B., Southern Illinois University, 1948
 MYRON EDWARD BERKSON
 HAROLD VINCENT BISKA, A.B., 1948
 MARTIN EUGENE BLAZINA
 LAWRENCE FREDRICK BLOMBERG
 GILBERT BOGEN, B.S., 1948
 WARREN QUENTIN BRADLEY, A.B., Southern Illinois University, 1948
 ROBERT LOUIS BRATMAN, A.B., Bradley University, 1949
 LEONARD MARTIN BRESSLER, B.S., 1948
 ROBERT JOHN BROCKMAN
 JACK CARSEL, B.S., 1948
 RAYMOND JOHN CASSADY
 GLENN W. CHAMBERLIN, JR.
 RAYMOND ADOLPH CLASEN
 SHELDON RICHARD COGAN
 HYMAN LEWIS COHEN, B.S., 1948
 MORTON SEYMOUR COMESS, B.S., 1948
 ROBERT LEO DEISS
 VINCENT LAWRENCE DLUGOS, B.S., 1948

FRANK JAMES DOYLE
 LAWRENCE CHARLES FIENE
 HERBERT SHELDON FRIEDMAN
 MORTON HAROLD FRIEDMAN
 SANDER GARRIE, B.S., Northwestern
 University, 1948
 ROBERT GILBERT
 KENNETH LLOYD GILL
 LOWELL GOLDBERG
 SIDNEY GOLDBERG, A.B., 1948
 IRWIN GOLDFARB
 GORDON CLOYES GRAHAM
 MYRON GREEN
 JANICE R. GREENBERG, B.S., 1948
 EDWIN DAVID GRIFFIN, A.B., 1948
 GEORGE ALFRED HART, A.B., James
 Millikin University, 1948
 JERRY DAVID HEATH, B.S., United
 States Naval Academy, 1945
 WILLIAM LEROY HEDGES
 JOHN WILLIAM HENDRIX
 PAUL WOLFGANG HERZ
 LEONARD HOIT, B.S., 1948
 SIMON HORENSTEIN
 JOHN LEE HOYT
 ROSS NELSON HUTCHISON
 HAIG IGNATIUS
 LAWRENCE ROBERT IRISH
 WILLIAM STARK JOHNSON
 MANNY JOSHUA KARBELNIG, B.S., 1947
 ALVAN GENE KARRAKER, B.S., 1948
 EDWIN KISSEL, B.S., 1948
 EDWARD FRANK KLITENICK, A.B., 1948
 LLOYD THOMAS KORITZ
 GEORGE KROLL, B.S., Central Y.M.C.A.
 College, 1944; B.S., D.D.S., 1944,
 1946
 JAMES NORMAN LANE, A.B., Ohio State
 University, 1948
 JOHN LANFRANKI
 EDWARD DECKER LARDNER
 LAWRENCE DONOVAN LEE, B.S., Mon-
 mouth College, 1948
 ALLEN HAROLD LEFSTEIN, Ph.B., Uni-
 versity of Chicago, 1947
 CHARLES ROBERT LEIGHTON, Jr.
 OSCAR SIDNEY LENIT, Jr., B.S., 1948
 JERRY CHARLES LEVIN, B.S., Loyola
 University, 1948
 EUGENE JULES LEVINE
 HAROLD LEWIS
 GERALD LIEBERMAN
 LEONARD HAROLD LIEBERMAN, B.S.,
 1948
 ALEXANDER JOHN LINK
 JACK LYNN, JR., A.B., Miami Univer-
 sity, 1947
 ROBERT EDWARD MADDEN
 ROBERT JAMES MAGANINI
 GEORGE BURNIE MARTIN
 JOHN JACOB MATHEWSON, A.B., Green-
 ville College, 1948

HUGH JOSEPH McMENAMIN, JR.
 HARRY NEWTON McMURRAY, A.B.,
 Southern Illinois University, 1948
 ROY MILTON MENDELSON
 HARRY LEROY MESSMORE, JR.
 FRANK LOUIS MEYER
 FELIX PATRICK MOONEY, M.D., 1937
 ROBERT ALLEN MOORE
 GEORGE WILLIAM MORROW, JR., B.S.,
 1949
 ROBERT CARL MUEHRCKE, B.S., 1948
 DAVID GRAY NELSON
 MORTON S. NOTARIUS
 RALPH ARTHUR OLSON
 ROBERT GEORGE OLSON
 RICHARD VINCENT OWEN, A.B., Mon-
 mouth College, 1946
 RICHARD CLARE PARSONS, A.B., Olivet
 College, 1949
 ERWIN MAURICE PATLAK, B.S., Loyola
 University, 1948
 ERNST ADOLPH PHILIPP, B.S., Roose-
 velt College, 1948
 JUDSON VASCO PHILLIPS
 ROBERT LEE PRENTICE
 ERNEST LESLIE PROPE, A.B., Southern
 Illinois University, 1948
 ERNEST WILFRED PULLMAN, B.S., 1948
 ROBERT PIRRITE QUACKENBUSH, A.B.,
 Augustana College, 1948
 ADOLPH JOY RABINOVITZ, B.S., Roose-
 velt College, 1948
 ALYDA RENE RATAJIK, A.B., 1948
 JAMES DALEY ROORDA, M.D., 1947
 LEIGH EDWARD ROSENBLUM, B.S., 1948
 NORMAN P. ROTENBERG, B.S., 1948
 STANLEY GUS ROUSONELOS, B.S., 1948
 KUMAO SAKO
 CHARLES ARTHUR SCHELL, B.S., Quincy
 College, 1948
 ALBERT FREDRICK SCHNEIDER
 GROVER LEONARD SEITZINGER
 FRANK WALTER SEK
 DONALD KEITH SHANAFELT
 GLEN WILLIAM SHOLS
 JUSTIN SIMON
 ROBERT DENNIS SIMPSON
 CEDRIC MARTIN SMITH, B.S., Oklahoma
 Agricultural and Mechanical Col-
 lege, 1949
 JAMES EMERY SOUTHARD, B.S., 1948
 DARRELL EUGENE STATZER
 LOREN JULES STERN
 ALAN LYMAN THAIN
 LEE HERSH TRACHTENBERG, B.S., 1948
 RICHARD CLIFFORD TREANOR
 WILLIAM JOHN VON RUDEN
 HAROLD HALE WARNER, B.S., Univer-
 sity of Michigan, 1948
 ALVIN LLOYD WATNE
 FRIEDA MOLLY WEINER

STANLEY GERALD WERNER, A.B.,
Stanford University, 1948
DONALD SHANKLIN WHAM

VERNON EARL WILSON
FRED WILLIAM WITT
LYNN RORY WOODWARD

(Conferred March 24, 1951)

LORRAINE AGNES BLANKSMA
ELLIOTT SCHIFF COHEN, B.S., Long
Island University, 1948
PETER JOHN COTSIRILOS, M.D., 1943
ALFRED FLEISCHMAN
EDWARD ARNOLD GLENN, B.S., 1948
MARY FRANCES LYON, B.S., Wheaton
College, 1947

ROBERT FRANCIS PENN, A.B., 1943
RICHARD HERCULES TIMPTON, A.B.,
University of Dubuque, 1942
HUGO VIETZ, B.S., Roosevelt College,
1948
JULIUS JAY WINEBERG

Degree of Bachelor of Science in Occupational Therapy

(Conferred June 15, 1951)

HELEN ISABELL BARANYI
CYNTHIA ETNIRE CLARK
CAROL ELLANORA DILLON
MARCIA LOU DREYMLER
HELEN FECENKO, B.S., 1949
CORINNE FRANKEL

LOIS MARILYN FRASE
ALICE ELLEN KENNEDY, A.B., 1949
JANE LOIS MERRILL
LEILA HODES NEWAR
ELLA JANE RICH
SUSIE AYAKO YOSHIKAWA

Degree of Doctor of Medicine

(Conferred September 2, 1950)

HOWARD HAMILTON HARRIS, Jr., B.S., 1948

(Conferred December 16, 1950)

GUY KENNETH DICE, Jr.

HAROLD MARCUS SCHOOLMAN

(Conferred June 15, 1951)

JOSEPH DEAN AKERS, A.B., James
Millikin University, 1947; B.S.,
1948
CHARLES DELBERT AKES, B.S., 1949
ARLENE NYSTROM ALEXANDER, B.S.,
Wheaton College, 1947; B.S., 1949
GEORGE EDWIN ARMBRUSTER, B.S., 1949
BERNARD BAKER, B.S., 1948
JOE ALLEN BAKER, B.S., 1949
KENNETH ALVIN BAKER, B.S., 1949
BERNARD NATHAN BECKER, A.B.,
University of Southern California,
1947; B.S., 1949
CHARLES MILAN BERFIELD, B.S., 1949
BENNETT IRWIN BERMAN, B.S., 1949
SYDNEY GEORGE BILD, B.S., 1949
DEAN ROBERT BORDEAUX, A.B., Bradley
University, 1948; B.S., 1949
JOHN RONALD BOSWELL, B.S., Southern
Illinois University, 1947; B.S.,
1949
CARL EDWARD BURPO, B.S., Southern
Illinois University, 1947; B.S., 1949
CHARLES ROY BURROUGHS, B.S., 1949
EDWIN FORREST BUZAN, B.S., 1948
OLIN MANSEL BYERLY, B.S., William
Penn College, 1942; B.S., 1949
JOE WESLEY CANNON, A.B., Illinois
College, 1947; B.S., 1949

THOMAS WILLIAM CARTER, B.S., 1949;
with Honors
CLARENCE MELVIN COBB, B.S., 1949
RUSSELL FREDERICK COMPTON, Ph.B.,
Mt. Carmel College, 1939; B.S.,
1949
LOUISE DULANEY CONVERSE, A.B., 1947;
with Honors
HANAN COSTEFF, Ph.B., University of
Chicago, 1947; B.S., 1949; with
Honors
LOUIS EARNEST COWSERT, B.S.,
Southern Illinois University, 1947;
B.S., 1949
JAMES WALTER DAVIS, B.S., Indiana
State Teachers College, 1943;
B.S., 1949
DANIEL DEITCH, B.S., 1949
JUNE ELIZABETH DEWOLF, A.B., North
Central College, 1947; B.S., 1949
EDWARD FELIX DOMINO, B.S., 1948,
1949; with Honors
EARL KENNETH DORE, B.Ed., Chicago
Teachers College, 1947; B.S., 1949
JAMES PENDLETON DUNLAP, B.S., 1949
JACK WALTER DZIERZ, B.S., Illinois
Institute of Technology, 1947;
B.S., 1949
VIRGINIA SCHOOLEY EDWARDS
FRED SAUL ELESCH, B.S., 1949

- GEORGE ELFERS, JR., B.S., 1949
 JOHN RUDOLPH ERICKSON, A.B.,
 Augustana College, 1947; B.S.,
 1949
 JERRY CARLYLE FAIRBANKS, A.B., Lake
 Forest College, 1947; B.S., 1949
 AARON JAY FINK, B.S., University of
 Chicago, 1947; B.S., 1949; with
 Honors
 ALBERT FISH, B.S., 1947, 1949
 ROBERT GROVE FISK, B.S., University of
 South Dakota, 1949
 GEORGE LOUIS FREEARK, A.B.,
 University of Alabama, 1947;
 B.S., 1949
 RUDOLPH PHILLIP FROESCHLE, B.S.,
 North Dakota Agricultural College,
 1947
 LEROY PAUL WALTER FROETSCHER,
 B.S., Elmhurst College, 1947; B.S.,
 1949
 LEONARD GEORGE GANGENESS, B.S.,
 University of Minnesota, 1943;
 B.S., University of North Dakota,
 1949
 RUSSELL EUGENE GIBSON, A.B., North
 Central College, 1947; B.S., 1949
 BERNICE EILEEN GOTAAS, B.S., A.M.,
 Northwestern University, 1941,
 1947
 VICTOR GREGORY, B.S., Roosevelt
 College, 1948
 DONALD HADESMAN, B.S., 1949; with
 Honors
 JOHN OLIVER HADLEY, B.S., 1947, 1949
 ALVIN HARRIS, B.S., 1949
 DONALD LEE HARTRICH, B.S., 1949,
 1949
 BURTON ARMIN HEDA, B.S., 1949
 JOHN PHILIP HENRY, B.S., 1949
 NORMAN NATHAN HOLTZMAN, B.S.,
 1949
 JAMES GARVEY HOPKINS, B.S., 1949
 ROBERT KEITH HORTON, A.B., B.S.,
 1947, 1949
 ROBERT LOUIS HOYT, B.S., 1949
 DORIS MAY HUNTER, B.S., University
 of Chicago, 1937; with Honors
 VERNON ZELLER HUTCHINGS, B.S.,
 1947, 1949
 WILLIAM WESLEY IRELAND, B.S., 1949
 JOSEPH STOKES JENSEN, B.S., Univer-
 sity of Witwatersrand, 1946; B.S.,
 1949
 GORDON CRAIG JOHNSON, B.S., 1949
 RUTH ANN JONES, B.S., 1949
 SIDNEY DINKINS JONES, JR., B.S.,
 University of Mississippi, 1949
 EUGENE STEPHEN KAHLER, A.B.,
 University of South Dakota, 1947
 ALAN KANTER, B.S., 1949
 CHARLES BENDET KAPLAN, B.S., 1949
 WILLIAM HAROLD KAUFMAN
 JEROME AARON KHARASCH, B.S., 1949
 NORA KIRCHMAN, A.B., North Central
 College, 1947
 ALEX KISH, JR.
 NATHAN WALTER KRONENBERG, B.S.,
 1949
 JAN JOSEF KUKRAL, M.D., Charles Uni-
 versity, 1945
 HARRY EDWARD LAPLANTE, B.S., 1949
 ROBERT EUGENE LEE, B.S., University
 of Notre Dame, 1948; B.S., M.S.,
 1948, 1950; with High Honors
 BERT GROVER LEIGH, B.S., 1947, 1949;
 with Honors
 HERBERT IRVING LERNER, B.S., 1949;
 with Honors
 RUTH GEYER LERNER, B.S., 1949; with
 Honors
 CHARLES MATHEW LOFDAHL
 EVELYN JUNE LORENZEN, B.S., Univer-
 sity of Oklahoma, 1942; B.S., 1949;
 Ph.D., Cornell University, 1946
 MARY FRANCES LYON, B.S., Wheaton
 College, 1947; B.S., 1951
 DAVID WALTER MACFARLANE, B.S., 1948
 CHARLES WESLEY MAGNUSON
 WILLIAM CHARLES MASLOW, B.S., 1947,
 1949
 SEYMOUR MASOR, B.S., 1949
 SAM MATLIN, B.S., 1944
 ROBERT EDWARD MCELROY, B.S., 1949
 HENRY MILTON McLAUGHLIN, B.S.,
 Illinois Wesleyan University, 1947
 CYRIL EMMANUEL MENDELSON, B.S.,
 1949; with Honors
 EDWARD JOSEPH MILES, B.S., 1949
 JAMES JAHUE MILFORD, JR., B.S., 1949
 CECELIA E. MILLER, B.S., 1949
 ALEX MILSTEIN, A.B., Central
 Y.M.C.A. College, 1943; B.S., 1949
 MARIE OLIVE MOWRER, A.B., Southern
 Illinois University, 1947
 DAVID MULTACH, B.S., Georgia School
 of Technology, 1945; B.S., 1949
 WAYNE THOMAS NEAL, B.S., 1942,
 1949; D.D.S., 1944
 LEONARD ISRAEL NEFF, B.S., 1949
 DELBURT GRANT HAROLD NELSON, B.S.,
 Wheaton College, 1936; B.S., 1949
 JULIUS SAM NEWMAN, B.S., 1949
 ROBERT EDWARD O'CONNOR, B.S., 1949;
 with Honors
 MARSHALL JEROME ORLOFF, B.S., 1949;
 with Honors
 RICHARD DIGNAN OSLAND, B.S.,
 Southern Illinois University, 1947;
 B.S., 1949
 MARJORIE HORTIN OTERO, A.B., James
 Millikin University, 1950; B.S.,
 1949
 GEORGE HENRY PEDDIE, B.S., 1949

- EDWARD WARREN PELIKAN, B.S., M.S., 1948, 1950
 ROBERT FRANCIS PENN, A.B., B.S., 1943, 1951
 JAMES ALFRED PETERSEN, B.S., 1949
 ERNST ADOLPH PHILIPP, B.S., Roosevelt College, 1948; B.S., 1950
 ISADORE PITESKY, B.S., University of Chicago, 1940; B.S., 1948
 WILLIAM HENRY POGGEMEIER, JR., A.B., DePaul University, 1944; M.S., 1947
 JOHN THOMAS POLLARD, JR., B.S., 1949
 WILLIAM EDWARD POWERS, B.S., 1949; with Honors
 HERZL DOV RAGINS, B.S., 1949; with Honors
 BERNARD PHILLIP RESNIK, B.S., 1949; with Honors
 WALTER FREDERICK RETTBERG, B.S., 1949
 SIMON RODBARD, B.S., Ph.D., University of Chicago, 1938, 1941; with Honors
 DEAN SEYMOUR ROSSET, A.B., B.S., 1949
 ALEX MAX ROTER, A.B., B.S., 1948, 1949
 LAWRENCE SAXON, B.S., 1949; with Honors
 JEROME KENNETH SCHAFER, B.S., University of Michigan, 1947; B.S., 1949
 JOHN WILLIAMS SCHALLER, B.S., 1947, 1949
 FRANK A. SCHILTZ, A.B., James Millikin University, 1947; B.S., 1949
 SHELDON SCHONEBERG, B.S., 1949
 NATALIE HARRIET SCHUCKMELL, A.B., Cornell College, 1947; B.S., 1949; with Honors
 MELVIN NORMAN SEGLIN, B.S., 1949
 WESLEY RUSSELL SHAW, A.B., B.S., University of North Dakota, 1948, 1949
 SEYMOUR BERNARD SIEGEL, B.S., 1949
 SCOTT INSULL SMART, B.S., 1949
 DEAN BLAIR SMITH, A.B., Wheaton College, 1942; B.S., 1949
 MARK ELWOOD SMITH, B.S., Northwestern University, 1946; B.S., 1949; with Honors
 ERNEST JAMES SOTROP, B.S., 1949
 EDWARD DONALD SPENCER, A.B., Greenville College, 1944; B.S., 1949
 EDWARD HAROLD SPIEGEL, B.S., 1947, 1949
 TOM WILLIAM STIVERS, B.S., 1947
 EMANUEL STOLMAN, B.S., M.S., 1943, 1947
 HARRY BERNARD STONE, B.S., 1947
 JAMES BARTON STOTLAR, B.S., 1949
 FRANCIS WILLIAM STREHL, B.S., 1949
 WALLACE FRANCIS STROW
 MARY CATHERINE SULLIVAN, B.S., 1947; with Honors
 BURTON McROBERT SUTHERLAND, A.B., Wheaton College, 1947; B.S., 1949
 HENRY HUNTINGTON SWAIN, A.B., B.S., 1943, 1949
 WILLISON I. TAYLOR, B.S., 1947, 1949
 PAUL GEORGE THEOBALD, B.S., 1949
 ARTHUR DAVID THIESSEN, A.B., Bluffton College, 1947; B.S., 1949; with Honors
 RICHARD HERCULES TIMPTON, A.B., University of Dubuque, 1942; B.S., 1951
 ANTON FRANCIS TOCHALAUSKI
 ALLAN OMER TUFTEE, A.B., St. Olaf College, 1947; B.S., 1949
 KARL DYAR VENTERS, B.S., 1949
 RAYMOND VESPA, B.S., 1949
 HAROLD MERYLE VISOTSKY, B.S., 1949; with Honors
 DAVID CLARENCE VORIS, B.S., 1947, 1949
 RALPH WEISS, B.S., 1949
 MARY JANE WESTCOTT, A.B., University of Missouri, 1947
 GILBERT HOLDEN WHITE, JR., B.S., University of Miami, 1941
 REX EDWARD WIEDERANDERS
 KENNETH MITCHELL WILCOX, B.S., 1949
 RUDOLPH ERNST A. WILHELM, B.S., 1949
 HERMAN CLIFFORD WOOD, B.S., McGill University, 1947; B.S., 1949
 DALLAS LAVAL YORK, B.S., 1949; B.S., Southern Illinois University, 1949
 SHERWIN SOL ZEID, B.S., 1949; with High Honors

SCHOOL OF NURSING

Diploma in Nurse Training

(Conferred June 15, 1951)

GEORGIA MAE ADLER
 ELFRIEDA BECHTLE
 JEANNE ALLEN BELLACK
 LAVERNE ANN BICEK
 MATTIE LOIS BOLLING

PAULINE WINIFRED CHAPMAN
 GERALDINE COOK
 MARIE FRANCES DANKERT
 GRETA DAWN ENGST
 JACQUELINE MARIE ERLICHER

JANE JEFFREY FIELDING
 VIRGINIA PAULINE GYGAX
 DORIS A. HAGE
 JEAN HARPER
 DAGMAR FLORENCE JOHNSON
 JEANNETTE RUTH JOHNSON
 SACHIKO KASHIWAGI
 CLARA KASTON
 NORMA JEAN KILE
 SHIRLEY M. KOMPARE
 ANN MARIE HERRBACH KRAMETBAUER
 PAULINE DOROTHY LECH

ANNA FRANCES McLEAN
 JANE ELIZABETH LLOYD McNEELY
 GEORGIA M. RAMSEY
 MARGARET ANN REBSCH
 BEVERLEY BLANCHE SAYLER
 HELEN ELIZABETH SCHEUER
 CHARLOTTE ANN STUTZMAN
 ANNETTE MARIE TELFORD
 MARGARET JEANNE TVERBERG
 JOANN HELEN VOELKERS
 CLARICE WILLIAMS
 MARIAN CHARLOTTE WILLOCK

Degree of Bachelor of Science in Nursing

(Conferred June 15, 1951)

MARJORIE ANN JOHNSON

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred August 18, 1950)

RICHARD JULIUS BUCZYNSKI

WILLIAM HARVEY MUELLER

(Conferred June 15, 1951)

CLEM RAYMOND BALTO
 LEONARD DUANE BANNICK
 MICHAEL LEO BARND
 PAUL THOMAS BAYER, with Honors
 RAYMOND DOMENIC BENEDETTI
 ROBERT ANTON BERNER, with Honors
 SOL BERNSTEIN
 MELVILLE BESWICK, with Honors
 GEORGE HAROLD BLINICK
 DOLORES SOPHIA BOREK
 ALBERT JOSEPH BORGOLTE, with
 Honors
 MITCHELL LOUIS BORKE, with Honors
 EDWARD ANTHONY BORUCKI
 EDWARD JOSEPH BRUNO
 GEORGE EMANUEL BULL, Jr., B.S.,
 Franklin and Marshall College,
 1947
 JOSEPH GERALD CANNON, with High
 Honors
 GLENN JOHN CHEKYTIS
 ARNOLD CARL EMIL CHRISTENSEN,
 Ph.C., 1934
 IRVING COBERT
 MELVIN HERBERT COHAN
 ELLIS EDWARD CONFER
 HOWARD NEWTON CORBETT
 FRANK PAUL CORTILET
 JAMES MARLOWE DECKARD
 ROBERT MOYER DICKMAN
 ALLAN HAMMOND DOANE
 RICHARD MARION DOMBROWSKI
 PAUL EMMETT DOYLE
 WALTER JOHN FICKENWORTH
 CHARLES ELMORE FLEMING, with
 Honors
 DANIEL DAVID FOREMAN, Jr.

HOWARD WALTON FRANCK, A.B.,
 Augustana College, 1946
 THOMAS JOSEPH FREEMAN
 LAVERNE XAVIERA GAUDAS
 SAMUEL GLAZER, with Honors
 HENRY THOMAS GROSS
 JOHN THOMAS GULICK
 THOMAS EDWARD HACKBARTH
 ROBERT ARTHUR HALPIN
 SLAVOMIR JOHN HANUS
 JEROME PETER HASTERT
 ROBERT EARL HAWKINS
 CHARLES LAVERN HEDDE
 MICHAEL JOHN HERR
 DAVID MATTHEW HILL
 EDWARD HOLMES
 JOHN PILCHER JACOB
 ELEANOR MARY JAGDZINSKI
 JAMES BERTINE JOHNSON
 ERNEST DWIGHT JORDAN, with Honors
 ABRAHAM KAGAN, B.S., McGill
 University, 1944
 ROBERT FLETCHER KASTHOLM
 ROBERT C. KOPTIK
 ROBERT WILLIS KUECKS
 JEROME LEON LANDSMAN
 LESTER LAPIN
 LOUIS WAUGH LARSON
 RUSSELL JOHN LASPISA
 RALPH VINCENT LAVIERI
 RALPH SIGMUND LEVI
 WILLARD BENJAMIN LIMBAUGH
 KENNETH JEROME LISK, with Honors
 MILDRED MARGARET LOZAR
 WALTER EUGENE MADSEN
 RUDOLPH FERDINAND MAJER
 JEROME MARGRAFF

JOHN PHILLIP MARTEN
 CHARLES MERRILL MARTIN, JR.
 WALTER HENRY MCBRIDE, JR.
 EDWARD ARTHUR MEYERS
 FRANCIS JOSEPH MICHAELS
 JAMES CLARENCE MITCHELL
 LORADO THOMAS MONACO
 RICHARD DRAKE MONKMAN
 JOANNE TALUC MOORE
 RICHARD JOSEPH MORAVA
 HENRY ROBERT MORRIS
 ALFRED CHARLES MURABITO, B.S.,
 University of Dayton, 1944
 HERBERT THEODORE MYERSON
 MASUMI NAKAMICHI, with Honors
 TAKASHI JAMES NAKAO
 GEORGE OTTO NECHUTA
 HERBERT PAUL NEEF
 MYRON NEWMAN
 FRANK MICHAEL NOTO
 HARRY THEODORE OSE
 FREDERICK WILLIAMS OYEN
 RONALD JOSEPH PANKAU
 GEORGE ROBERT PENLAND
 EDWIN FRANCIS PESZEK
 ROBERT ALLEN PETERS
 ANDREW RICHARD RASCH
 MARVIN NORTON REIZNER
 GEORGE WILLIAM ROBERTS

JEANNE ROMANO
 RICHARD HAROLD ROTH
 ROBERT JOSEPH ROZANSKI
 EMIL S. RUBEN
 WILLIAM CHARLES SCHAAL
 JOSEPH AMBROSE SCHWIDERSKI
 ANITA LINK SHAEFER
 HARRY SHARE
 LEONARD MARTIN SILVER
 QUENTIN FREDERICK SKOULUND
 RAYMOND GARRETT SMITH
 PETER SOLYOM, JR.
 FRANK C. SPIRITO
 ANNABELLE STASIUK
 SILAS LOUIS STATHOPOULOS
 KENNETH BENJAMIN STEARN
 ROBERT TURNER STILLWELL
 IRVIN RICHARD TCHON
 PAUL IRVING THOMPSON
 WALTER LEROY TULLEY
 PHYLLIS RITA WASSERMAN
 SYLVAN HOWARD WAXMAN
 JAMES VINCENT WHITE
 JAMES JOSEPH WINSTON
 NORBERT JOSEPH WOJCIECHOWSKI
 RICHARD JAN WOZNIAK, B.S., 1947
 ROY FRANCIS WRIGHT
 FREDRIC SIDNEY YANOW

GRADUATE COLLEGE

Degree of Doctor of Philosophy

(Conferred June 15, 1951)

In Anatomy

SURINDAR NATH BHASKAR, B.D.S., University of Punjab (India), 1942; D.D.S.,
 Northwestern University, 1946; M.S., 1948
 JOSEPH LOUIS HENRY, D.D.S., Howard University, 1946; B.S., Xavier University,
 1948; M.S., 1949

In Medicine

SANFORD ASHER FRANZBLAU, A.B., B.S., M.S., M.D., 1939, 1941, 1942, 1943

In Physiology

RICHARD OWEN BURNS, JR., B.S., University of Notre Dame, 1948; M.S., 1948
 EDWARD WILLIAM HAWTHORNE, B.S., M.D., Howard University, 1941, 1946;
 M.S., 1949

In Physiology (Clinical Science)

ARMAND LITTMAN, B.S., M.D., M.S., 1942, 1943, 1948

Degree of Master of Science

(Conferred June 15, 1951)

In Anatomy

FELIX PATRICK MOONEY, M.D., B.S., 1937, 1950
 GHOUSE AHMED SHARIFF, B.M., B.Surg., University of Mysore (India), 1939

In Bacteriology

EUGENE WARREN CLARK, A.B., Macalester College, 1949
 ROBERT SHIELDS GEISTER, B.S., 1946
 JEAN HORWITZ, B.S., Northwestern University, 1947

BETTY HOWARD SIEGEL, B.S., M.S., Northwestern University, 1943, 1945
TAI KIANG WANG, M.D., National Defence Medical Center (China), 1936

In Chemistry (Pharmaceutical)

JAMES LEONARD BRANNON, JR., B.S., 1948
DONALD JOHN LUSSMAN, B.S., 1948
HARVEY RANDALL SPRIGGS, A.B., B.S., Southeast Missouri State Teachers College, 1945; B.S., 1950

In Histology

THEODORE EDWARD BOLDEN, A.B., Lincoln University, 1941; D.D.S., Meharry Medical College, 1947

In Medicine

LIONEL MANDEL BERNSTEIN, B.S., M.D., 1944, 1945
WILLIAM ROBERT BEST, B.S., M.D., 1945, 1947
HAROLD GODFREY WEDELL, B.S., M.D., Northwestern University, 1943, 1946

In Oral Surgery

BENJAMIN GANS, D.D.S., St. Louis University, 1946

In Orthodontia

MILTON JAY LANDE, D.D.S., Temple University, 1947
DOUGLAS CHRISTIAN WALTER, D.D.S., University of Michigan, 1934
BENJAMIN HAYDEN WILLIAMS, D.D.S., M.S., Ohio State University, 1946, 1949

In Pathology

CHARLES ALLEN ASHLEY, A.B., M.D., Cornell University, 1944, 1947
JOHN PALFREY AYER, A.B., Harvard College, 1937; M.D., McGill University, 1942

In Pedodontics

JOHN MARTIN FRANKEL, D.D.S., B.S., 1944, 1947
ANTHONY JOHN MALONE, B.S., D.D.S., 1943, 1946
JACK D. ZWEMER, B.S., D.D.S., 1944, 1946

In Pharmacognosy

GLENN JOSEPH ELLIOTT, B.S., Montana State University, 1941

In Pharmacology

EDWARD FELIX DOMINO, B.S., 1948
AARON JAY FINK, B.S., University of Chicago, 1947
HAROLD FRANCIS HARDMAN, B.S., Rutgers University, 1949
ROBERT JAMES KAISER, B.S., M.D., 1947, 1949
DAVID WALTER MACFARLANE, B.S., 1948
MARSHALL JEROME ORLOFF, B.S., 1949
ISADORE PITESKY, B.S., University of Chicago, 1940; B.S., 1948
STANLEY VLADIMIR SUSINA, B.S., 1948
HENRY HUNTINGTON SWAIN, A.B., B.S., 1943, 1949

In Pharmacy

HELENA DA-SHEU SUEN, B.S., 1949
CONCHITA VILLACORTA VILLACORTA, B.S., University of the Philippines, 1947

In Physiology

ROBERT BARRETT BIRD, B.S., 1949
THOMAS LEONARD BRANNICK, B.S., 1944, 1949
EDWARD ARTHUR LICHTER, Ph.B., University of Chicago, 1947; B.S., Roosevelt College, 1949
JOHN BEVERLY MOORE, III, B.S., 1949
EDWARD ROY PERL, B.S., M.D., 1947, 1949
WILLIAM CHARLES ULLRICK, B.S., Northwestern University, 1949

KARL DYAR VENTERS, B.S., 1949
 BERNARD ROBERT WEINSTEIN, B.S., 1949

In Physiology (Clinical Science)

BENUM WESLEY FOX, B.S., M.D., 1942, 1943
 MARTIN HOWARD KALSER, B.S., M.D., University of Pittsburgh, 1942, 1946
 JULIEN ALFRED LABOW, B.S., 1949
 PHILLIP ISRAEL MOZER, B.S., Roosevelt College, 1949
 FRANK RAYMON, JR., B.S., Southern Illinois University, 1947
 GEORGE STANLEY ROBACK, A.B., M.D., University of California, 1943, 1945
 CHARLOTTE ROSE ROBERTSON, A.B., 1948
 ISAIAH ANATOLE SHARE, B.S., M.D., 1945, 1947

In Surgery

BANNING GRAY LARY, B.S., M.D., 1947, 1948
 CHARLES ALLEN LINKE, B.S., M.D., 1948, 1950
 KENNETH OLIVER NELSON, B.S., M.D., University of Chicago, 1945, 1947
 DOUGLAS KELLY PACKARD, A.B., Albion College, 1944; M.D., Northwestern University, 1948
 HERZL DOV RAGINS, B.S., 1949
 RICHARD OTTO VYCITAL, B.S., M.D., 1941, 1944, 1945

JULY MEETING

It was agreed that the July meeting of the Board will be held at Urbana-Champaign on July 25, 1951, at an hour to be set by the President and Secretary of the Board.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President