

Des Moines, Iowa
December 13-14, 1956

A meeting of the State Board of Regents was held in its office in the State Office Building in Des Moines, Iowa, on December 13 and 14, 1956.

Present:

Members of the State Board of Regents

Mrs. Archie	All sessions
Mr. Fredricksen	All sessions
Mr. Hagemann	All sessions
Mr. Hamilton	December 13 and afternoon of 14th
Mr. Plock	December 13 and forenoon of 14th
Mr. Rider	All sessions
Mr. Stevens	No session
Mr. Strawman	No session

Members of the Finance Committee

Mr. Dancer	All sessions
Mr. Gernetzky	All sessions
Mr. Walsh	All sessions

State University of Iowa

President Hancher	No session
Provost Davis	All sessions
Business Manager Jolliffe	All sessions

Iowa State College

President Hilton	All sessions
Provost Jensen	All sessions
Business Manager Platt	All sessions
Director Elder	All sessions

Iowa State Teachers College

President Maucker	All sessions
Dean Nelson	All sessions
Business Manager Jennings	All sessions

Iowa School for the Deaf

Superintendent Berg	All sessions
Business Manager Geasland	All sessions

State Sanatorium

Superintendent Spear	All sessions
Business Manager Wynn	All sessions

Iowa Braille and Sight-Saving School

Superintendent Overbeay	All sessions
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Secretary to Secretary Lenihan

All sessions

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The Board met at 1:30 p.m., December 13, 1956, with Mr. Rider in the chair and Mr. Dancer secretary of the meeting. (The Board meeting was preceded by meetings of the Faculty Committee and the Building and Business Committee which began at 9:30 a.m.)

GENERAL OR MISCELLANEOUS

The following business relating to policy matters and general or miscellaneous business was transacted on Thursday, December 13, 1956:

EVALUATION OF THE AGRICULTURAL INDUSTRY OF THE UNITED STATES - REPORT -

DISCUSSION BY GEORGE STRAYER. C. Woody Thompson and C. C. Bloom, of the State University, and Karl A. Fox, of the Iowa State College, appeared before the Board and discussed a report entitled "Working Papers" about the Evaluation of the Agricultural Industry of the United States, copies of which were distributed at the November Board meeting. (See Board minutes of May 11, 1956, and November 1-2-3, 1956.

A summary of the report is as follows:

I. Re-apportionment of our National Population Count

1. In 1955, 13.5 percent of our U. S. population was living on farms, About 8 million workers were engaged in farming out of a total national work force of 64 million.
2. An additional 10 million workers were engaged in assembling, transporting, processing and distributing products originating on U. S. farms.
3. Finally, about 6 million workers were engaged in supplying goods and services used by farm residents.
4. Altogether, about 24 million workers, or 37 percent of our national work force, were engaged in "agricultural industry". The percentage for Iowa runs much higher ---over 60 percent.

II. An Evaluation of the Agricultural Industry Factors that Contribute Most to the National Economy

1. Efficiency of the farmer in producing raw products.

- a. Net output per farm worker in the U.S. is one of the highest in the world, and the recent growth in labor productivity on U.S. farms compares favorably with that in other highly progressive economies.
- b. Barring large scale destruction of our farm plant in an atomic war, it is highly probable that American Agriculture could meet any emergency demand placed on it in the foreseeable future. A recent study indicates that under moderately favorable price-cost conditions, total farm output could be expanded 20 percent within a 4 or 5 year period.
- c. Much progress has been made in the use of uniform grade standards for grains. While some improvements are still possible, the future gains from grain quality improvement at the farm level are not likely to be impressive.

It appears that a significant part of the whole milk and cream sold for manufacturing use is of such low quality as to seriously affect the quality of the finished products. No uniform grade standards apply to milk and cream. As a result, many producers have little or no incentive to deliver a higher quality product.

A decline in the demand for lard and fat pork cuts has produced a "quality" problem for hog farmers. As a result an adjustment is needed in the output ratio of lard to lean pork. Breeding and feeding are the key to the development of better meat-type hogs. It also will mean doing a better job of grading and establishing quality price differentials to producers.

Lack of objective tests to determine live grades is a major obstacle to quality improvement in beef cattle.

2. Information is not available that will permit an accurate answer to the question "Are these products being processed into the highest quality finished products possible to bring the largest return?" One would need to know how the quality price differentials would vary with changes in the relative supplies of different qualities. Moreover, it would be necessary to know more about the additional costs incurred in producing higher quality products.

- a. In general, the quality of American finished products ranks high. There are instances where some countries have developed a uniform quality product better adapted to the specialized demand of importing countries. It appears unlikely, however, that the gains to American farmers from greater quality specialization would be large.
- b. Agriculture, like any other industry, should develop and introduce new products. Short-run profits opportunities might be enhanced. The introduction of soybeans is an outstanding example. However, if the new product is a substitute for an old product, also of agricultural origin, the gain to one group of farmers will be partly

off-set by injury to another group of farmers. If the new product is a substitute for an old product of non-agricultural origin or an imported one, short-run gains will accrue to the domestic agricultural industry. The expansion in soybeans was associated with reduced imports of vegetable oils and increased pressure on the domestic dairy, cottonseed and linseed oil industries.

Over the longer-run competition is likely to pass most of the gains from new-product introduction on to consumers. The ultimate justification for new products and improvements in production know-how is based largely on social welfare--the gains to people generally from greater satisfaction of their wants.

Short-run profits for successful innovators are one of the real driving forces in our economy. However, the amount of market expansion which might come from new farm and food products during the next five years will almost certainly be small relative to the size of our current farm surpluses.

- c. The most important consideration in capturing markets is to convince the buyer that the product you offer is the best buy for him. This, of course, includes the matter of quality as well as price. The main factor that would prevent this would be lack of information on the part of buyers.

Because of differences in people's incomes and the preferences and uses they have for different qualities, there is normally a market for a wide range of qualities of products. The producer normally will try to gear his production with respect to quality to take advantage of the best opportunity for profit. In one case this may mean the production of high quality and eye appeal. In another case it may mean the production of less quality and eye appeal. For example, General Motors exploits the opportunities in each of the quality markets from Chevrolet to Cadillac.

3. Influence of exports upon prices received by farmers.

- a. In recent years approximately 10 percent of our farm output sold commercially has entered the export market. The importance of the export market is much greater than average for rice, wheat, cotton, tobacco, soybeans and lard.
- b. Estimates of the percent of total farm output exported by countries other than the U.S. are not available. However, on the basis of information on production and export of specific products, it is reasonable to conclude that Canada, Australia and probably New Zealand and Argentina of the important agricultural exporting nations export a larger proportion of their production than the U.S.
- c. While the United States is not as dependent on farm exports as some countries, still a large shift in export demand has important price and income effects in American agriculture. Buyer response to a fall in domestic farm prices is comparatively small. A 1 percent

drop in price may induce no more than one-third percent increase in the total quantity purchased. As a result, a sharp cut-back in export demand, such as occurred in the 1951-54 period, produces a relatively large drop in prices and incomes in American agriculture. If domestic markets had to absorb another 10 percent increase in supply, farm prices might fall by 30 to 40 percent.

Roughly speaking, if the 1955 export market could have absorbed upwards of 15 percent of domestic production at prices close to 90 percent of parity, current production and consumption might have balanced with domestic farm prices at close to 90 percent of parity. This does not take into account the surplus stocks that have been accumulated under the support programs.

4. Processing of raw farm products near source of supply.

From an economic standpoint, the location of processing facilities in relation to the source of raw materials is largely a matter of comparative processing costs and comparative transportation costs. Changes in transportation costs may shift the comparative advantage of different locations.

If it is economically feasible to develop more local processing facilities in areas producing farm products, important economic benefits are likely to accrue in the community. It will expand employment opportunities and help to encourage the shift of excess labor from lower paying farm jobs to better paying non-farm jobs. This will help to improve the incomes of people who leave farming as well as those who continue to farm. The income generated in the processing operation will expand the demand for local services and boost business income. Some of the increase will find its way into the pockets of workers and businessmen, and generate further increases in income. Because assessed valuations and incomes will be higher, the base for the support of public services will be larger. However, it should be recognized that local industrial development may cause temporary shortages of housing, school facilities and other public services. Traffic problems may become more intense. Odor and smoke nuisances may result. However, the recent push for local industrial development makes it clear that many Iowa communities think the benefits far outweigh the costs.

III. "Are we in a vast new era?"

1. Industry. The following points can be made:

- a. Over the years, the size of the average business unit has increased as has the size of the total U. S. economy.
- b. Many industries exhibit a high degree of concentration, i.e., a very few firms dominate the industry. Other industries, however, are de-centralized, i.e., they are characterized by a large number of firms, none of which loom large within the industry.

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- c. There is no wholly comparable, valid, statistical proof of generally increasing concentration over the past half-century.
- d. Large size and concentration, where it exists, is conventionally seen (usually without conclusive evidence) as the result of a developing technology which requires large size to achieve lower costs.
- e. Large size and concentration may be (in the opinion of some economists, is) consistent with a most satisfactory performance of the economy.
- f. But popular concern about the "problem of bigness" does not generally turn on questions of relative efficiency and profitability. By and large, this concern reflects an enthusiasm for small, locally-owned business or a fear of the social or political consequences of too great a concentration of economic power.

2. Agriculture

The trend toward fewer and larger production units is clearly discernible in the farm economy. The number of farms has fallen from 6.4 million in 1910 to 4.8 million in 1954. Compared to 45 years ago, the average farm today uses 75 percent more land, about 18 percent less labor and much more capital.

Most of the concentration has taken place on family operated units. The decline in the number of farms has been largely in the smaller size groups. While there has been some increase in the number of very large units employing hired labor, the vast majority of our farms continue to be family operated enterprises.

The trend in farm size has been closely associated with advances in agricultural technology which have tended to increase the optimum size of the production unit. Labor-saving mechanical power and equipment has expanded the amount of land a farmer can handle economically. Relatively high labor costs have increased the amount of land used in relation to labor.

Available evidence suggests that large size family farms generally have lower production costs than small farms. In most types of farming practically all economies associated with size are obtainable on the large family units. Cost-wise, there seems to be little danger that

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the large scale corporate-type farm based on hired labor will replace the family type enterprise as the typical form of business organization in American agriculture. Nevertheless, it should be recognized that the optimum size family farm today is a much larger unit than it was before World War I. While the average farm family has been growing in size also, many are still too small to provide a satisfactory living for the operator and his family.

Mr. George Strayer, Executive Secretary of the Soy Bean Council, Hudson, Iowa, also met with the Board at its invitation and apprised the members of conditions and his conclusions relative to the agricultural industry of the United States as a result of his work as a member of the Eisenhower Commission, and his experiences in Europe once or twice a year and in Japan; that our agricultural products are needed and wanted; that our exports are terribly handicapped by lack of quality; and that this lack of quality develops after the products leave the farm.

Mr. Hagemann moved that the interinstitutional committee be authorized to continue work on the study of the Evaluation of the Agricultural Industry of the United States. The motion was seconded by Mrs. Archie and passed.

ADMISSION POLICIES - APPLICATIONS FOR ADMISSION. Registrar Gowan, of the Iowa State College, submitted the following recommendation of the Registrars Committee on Coordination and stated that it had been approved by the executive officers of the State University, the Iowa State College, and the Iowa State

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Teachers College:

Applicants for admission to Iowa State College, Iowa State Teachers College, and the State University of Iowa must submit the required applications for admission and the necessary official transcripts to the Director of Admissions and Registrar of the appropriate college at least ten days prior to the beginning of orientation for the session for which the student is applying. Applications for admission from students who are required to take entrance examinations will not be considered unless the examinations can be completed at least five days before the beginning of orientation. The above regulation may be waived by the Director of Admissions and Registrar only for adequate reasons.

The above regulation does not apply to the Colleges of Medicine and Dentistry at the University and the Division of Veterinary Medicine at the Iowa State College, as earlier application deadlines have been previously approved.

Mr. Hagemann moved that the foregoing recommendation be approved and adopted. The motion was seconded by Mrs. Archie and passed.

CHARGE FOR GENERAL CATALOGS. Registrar Gowan, of the Iowa State College, submitted the following recommendation of the Registrars Committee on Coordination and stated that it had been approved by the executive officers of the State University, the Iowa State College, and the Iowa State Teachers College:

Iowa State College and the State University of Iowa are authorized to charge not to exceed \$1.00 per copy for the next and succeeding issues of the General Catalog. The three institutions shall agree on a free distribution list for the catalog to include state agencies, secondary schools, other colleges and universities, public libraries, and the staffs of the state institutions. This authorization shall apply to Iowa State Teachers College at such time as transition from the quarter to the semester system is completed. The receipts of the sale of the General Catalog shall be used to defray in part the cost of printing catalogs.

Mrs. Archie moved that the foregoing recommendation be approved and adopted. The motion was seconded by Mr. Hagemann and passed.

GOVERNMENTAL REORGANIZATION STUDY COMMITTEE. At the meeting held on November 2, 1956, the suggestion of the Governmental Reorganization Study Committee that members of the legislature be appointed to serve on the State Board of Regents in an ex-officio capacity was given further consideration, and Mr. Hagemann was

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requested to discuss the matter with Committee members.

Mr. Hagemann reported that he had discussed the suggestion of the Governmental Reorganization Committee, that members of the legislature be appointed to serve on the State Board of Regents in an ex-officio capacity, with members of the Committee and had been told that perhaps it should not be done.

PER STUDENT COST FORMULA. At the meeting held on June 26-27, 1952, a Per Student Cost Formula was adopted, and that formula was amended at the meeting held on April 8-9, 1954.

Mr. Gernetzky submitted the following new formula developed by the registrars and the business managers of the institutions and the Finance Committee, and approved by L. E. Jones, Audit Accountant in the Office of the Auditor of State:

Plan for Computing Full Time Equivalency Figure
for Per Student Cost of Instruction

1. Compute the semester or quarter hours of instruction being taken at the end of the second week of each session for each college or division.
2. Divide the semester hours of instruction for each college or division as follows:

<u>College</u>	<u>SUI</u>	<u>ISC</u>	<u>ISTC</u>
Graduate	10	10	10
Engineering	17	17	-
All Other	16	16	16

3. Add the full time equivalent figure for each college or division, as computed in 2 above, together for the session full time equivalent figure.
4. For the academic year figure, add the full time equivalent figure for each semester or for the three academic quarters together and then divide by 2 for institutions on the semester plan and by 3 for institutions on the quarter plan.

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5. For the summer sessions, compute the full time equivalency figure as outlined in paragraphs 2 and 3 above. Divide this total by an appropriate fraction to reduce the summer session equivalency figure to a figure comparable to a semester or quarter.
6. For the calendar year figure, add the academic year full time equivalency figure as computed in paragraph 4 to the adjusted summer session full time equivalency figure as computed in paragraph 5 above.

On motion by Mrs. Archie, which was seconded by Mr. Hagemann, the foregoing formula for computing a full time equivalency figure for per student cost of instruction was adopted, effective immediately.

TUITION AND FEES. Mr. Gernetzky distributed copies of a December, 1956, revision of a report of tuition and fees charged by the State University, the Iowa State College, and the Iowa State Teachers College, and comparative institutions in other states. Mr. Flock moved that the report be received and filed. The motion was seconded by Mr. Hagemann and passed.

APPROVAL OF MINUTES. On motion, which was seconded and passed, the minutes of the meeting the State Board of Regents held on November 1-2-3, 1956, were corrected and approved.

APPROVAL OF MINUTES - MEETINGS OF FINANCE COMMITTEE. On motion, which was seconded and passed, the actions taken by the Finance Committee as shown in the minutes of meetings, as follows, were approved and ratified:

State University	June 27 and July 19, 1956
Iowa State College	July 10, 17, and August 15, 1956
Iowa State Teachers College	July 23, 1956
Iowa Braille and Sight-Saving School	July 3 and August 30, 1956
Iowa School for the Deaf	July 5 and August 9, 1956

COMMITTEE ON EDUCATIONAL COORDINATION - REPORT. Provost Jensen reported that the Committee on Educational Coordination had no specific report to make at this meeting, but that there are several matters on which it is working.

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DEPOSITORY BANKS -- REPORT. Mr. Gernetzky distributed copies of treasurers' reports showing the maximum and minimum deposits, the average daily balances on deposit in banks, and the securities in escrow. Mr. Plock moved that the report be received and filed. The motion was seconded by Mr. Hagemann and passed.

STATE INSTITUTIONAL ROADS - 6th STREET IMPROVEMENT -- ACCEPTANCE. Mr. Gernetzky reported that the Hallet Construction Company, Crosby, Minnesota, had completed the resurfacing of 6th Street in Ames, Iowa, and that the Iowa State Highway Commission had inspected the work and reported that it had been completed in accordance with the plans and specifications and contract documents.

Upon the recommendation of the Building and Business Committee the resurfacing of 6th Street in Ames, Iowa, was accepted from the contractor, the Hallet Construction Company, as of this date, December 13, 1956, and payment of the final estimate in accordance with the provisions of Chapter 573, 1954 Code of Iowa, was authorized. (See Board minutes of May 10-11, 1956, and June 14-15, 1956.)

EXECUTIVE SESSION. The Board resolved itself into executive session at 3:40 p. m. The Board arose from executive session at 5 p. m., and adjourned until 9 a. m., December 14, 1956.

December 14, 1956

The following business relating to general or miscellaneous matters was transacted on December 14, 1956:

ENGINEERING - ENROLLMENT. At the meeting held on May 10, 1940, the State Board of Education took the following action:

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"It was the consensus of the Board that different types of enrollment control should be set up at the two schools (State University and Iowa State College) on account of the differences in their respective departmental facilities. Mr. Keenan moved that the enrollment in the College of Engineering at the State University be limited to 500 students. The motion was seconded by Miss Lawther and carried."

At the meeting on November 2, 1956, in executive session, President Hancher submitted copies of a report showing the enrollment in the College of Engineering for the years 1948-1949 through 1956-1957, a minimum of 276 for 1951-1952 and a maximum of 765 for 1956-1957.

The Committee on Educational Coordination was requested to study enrollments in engineering at the State University of Iowa and the Iowa State College and report back with any recommendations it might have.

EXECUTIVE SESSION - REPORT. President Rider reported that in executive session on December 13, 1956, the members of the Finance Committee reported about the progress of the legislative program for the 57th General Assembly, and about a conference on December 12, 1956, with members of the Budget and Financial Control Committee relative to proposed legislation.

GOVERNOR'S LAY LEADERSHIP CONFERENCE ON EDUCATION. President Maucker reported orally about the Governor's Lay Leadership Conference on Education that was held at the State University of Iowa, Iowa City, Iowa, on December 3-4, 1956, and stated that it was a good session.

RESIGNATIONS - DWIGHT G. RIDER - V. B. HAMILTON. Mr. Plock made a statement about the resignations of President Dwight G. Rider and V. B. Hamilton as members of the State Board of Regents and moved that resolutions be prepared for adoption expressing appreciation for the services they have rendered and regret that they have resigned, effective December 31, 1956. The motion was seconded and passed.

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LEGISLATIVE PROGRAM - FILM. At the meeting held on September 20-21, 1956, authority was granted for the production of a film to be shown to groups throughout the state.

It was moved, seconded, and passed that the cost of producing the film be paid from Salary, Support and Maintenance Funds, as follows:

State University of Iowa	40%
Iowa State College	40%
Iowa State Teachers College	20%

STUDY COMMITTEE ON HIGHER EDUCATION IN IOWA - DIRECTOR. Mr. Dancer reported that the Study Committee on Higher Education had been trying to find a satisfactory person to serve as Director of the Study on Higher Education in Iowa and had been searching, unsuccessfully, for funds from private sources to finance the study for the period to July 1, 1957. (A request for an appropriation is being made of the 57th General Assembly.)

It was moved that the State Board of Regents commend the plan of the Joint Study Committee on Higher Education in Iowa to employ a director at the earliest feasible date; that it agree, in the event funds are not available from legislative appropriations to pay the director and other costs, to appoint him to the staff of its office or to the faculty of the State University of Iowa; and that, in the case of either appointment, the services of the director will be made available to the Committee and the net cost, not to exceed \$10,000 for the period to July 1, 1957, will be assessed 40% to the State University of Iowa, 40% to the Iowa State College, and 20% to the Iowa State Teachers College. The motion was seconded and passed.

NEXT MEETING. The next meeting of the State Board of Regents was scheduled to be held in its office in Des Moines, Iowa, on February 7 and 8, 1956.

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IOWA SCHOOL FOR THE DEAF

The following business relating to the Iowa School for the Deaf was transacted on December 14, 1956:

REPORT OF FACULTY COMMITTEE. Mr. Hamilton stated that the Finance Committee had reported to the Faculty Committee about various matters that had been cleared through that committee. (See minutes of the Finance Committee.)

PRIMARY SCHOOL BUILDING - PLANS AND SPECIFICATIONS. Upon the recommendation of the Building and Business Committee the final plans and specifications for the Primary School Building were approved and January 31, 1957, was selected as the date to receive and open bids.

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IOWA BRAILLE AND SIGHT-SAVING SCHOOL

The following business relating to the Iowa Braille and Sight-Saving School was transacted on December 14, 1956:

REPORT OF FACULTY COMMITTEE. Mr. Hamilton stated that the Finance Committee had reported to the Faculty Committee about various matters that had been cleared through that committee. (See minutes of the Finance Committee.)

HEATING PLANT - DEAERATING HEATER AND CONDENSATE TANK. Upon the recommendation of the Building and Business Committee, the Secretary of the State Board of Regents was authorized to enter into a contract with the Brown Engineering Company for engineering services in connection with the installation of a de-aerating heater and condensate storage tank in the power plant at the Iowa Braille and Sight-Saving School on the basis of a proposal contained in a letter dated November 9, 1956, from the Brown Engineering Company, to do the work on a double base payroll cost plus actual expenses with a guarantee that the total engineering fee would not exceed 10% of the actual construction cost. (See Board minutes of November 1-2-3, 1956.)

COAL, BALANCE OF YEAR 1956-1957 - CONTRACT. The Building and Business Committee reported that on November 8, 1956, the Finance Committee received and opened bids for 1,700 tons of coal for the Iowa Braille and Sight-Saving School for the balance of the year 1956-1957; and had awarded the contract to the low bidder, Thomas J. Mulgrew Company, Dubuque, Iowa, on the basis of that firm's bid of \$8.44 a ton, f.o.b. Vinton, Iowa, for coal from the Will Scarlet Mine, Saline County, Illinois, and authorized the secretary to sign the contract when a satisfactory bond has been filed.

Upon the recommendation of the Building and Business Committee the action of the Finance Committee was approved and ratified.

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REPAIR AND REBUILD EAVES (MAIN BUILDING) - PROJECT ABANDONED. Upon the recommendation of the Building and Business Committee the project Repair and Rebuild Eaves (Main Building), for which the 56th General Assembly made an appropriation of \$35,000.00, was abandoned and it was ordered that the \$35,000.00 be returned to the State General Revenue Fund.

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STATE SANATORIUM

The following business relating to the State Sanatorium was transacted on December 14, 1956:

REPORT OF FACULTY COMMITTEE. Mr. Hamilton stated that the Finance Committee had reported to the Faculty Committee about various matters that had been cleared through that committee. (See minutes of the Finance Committee.)

AUTOMOBILES AND TRUCKS. Upon the recommendation of the Building and Business Committee authority was granted for the purchase of the following, subject to approval by the Budget and Financial Control Committee and allocation of funds appropriated for automobiles and trucks by the 55th General Assembly:

1 1957 Ford Custom 4-door sedan from Matheson Motor Company, Ames, Iowa		
List price		\$2,000.00
Less tax	\$ 127.00	
Less trade-in allowance for 1953 Chevrolet Sedan	1,091.00	1,298.00
	<u> </u>	<u> </u>
Net price		\$ 782.00
1 1954 Ford 3/4 ton pick-up truck from Iowa State College		806.00

ADDITION TO POWER PLANT AND EQUIPMENT. The Building and Business Committee reported that work on the Addition to Power Plant and Equipment was being delayed because of Union picketing and objection to use of non-union labor by the general contractor. Upon the recommendation of the Building and Business Committee the Secretary of the State Board of Regents was instructed to notify the contractor's bonding company of conditions and the possibility of having to ask that someone finish the job.

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STATE UNIVERSITY

The following business relating to the State University of Iowa was transacted on December 14, 1956:

RESIGNATIONS. Upon the recommendation of the Faculty Committee the following resignations submitted by Provost Davis were accepted:

Robert L. Ebel, professor in the College of Education, director of Examinations Service, and director of Educational Research and Service, Extension Division, effective February 6, 1957, to accept a position as vice president of the Educational Testing Service, Princeton, New Jersey.

Robert W. Newman, professor in the Department of Orthopedics, College of Medicine, effective December 31, 1956, to enter private practice.

LEAVES OF ABSENCE. Upon the recommendation of the Faculty Committee the following requests for leaves of absence submitted by Provost Davis were granted:

Chester A. Phillips, dean emeritus of the College of Commerce and professor emeritus, Department of General Business, for the second semester of the academic year 1956-1957, without salary.

Robert H. Johnson, professor in the Department of Economics of the College of Commerce, for the second semester of the academic year 1956-1957 without salary or insurance programs, to serve as executive assistant to the Governor of Iowa.

CHANGES IN APPOINTMENTS AND SALARIES. Upon the recommendation of the Faculty Committee the following changes in appointments and salaries submitted by Provost Davis were made:

Faculty members, as follows, transferred from the College of Liberal Arts for the second semester 1956-1957 and appointed without salary change to research positions payable from Account A 414, Research Professorships, Graduate College:

Josef M. Jauch, professor (Physics)	Line 4
Donald B. Johnson, assistant professor (Political Science)	Line 5
J. B. Ratermanis, associate professor (Romance Languages)	Line 6
R. T. Sanderson, professor (Chemistry)	Line 7
Robert F. Thorne, associate professor (Botany)	Line 8

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Adrian E. Flatt, from associate to assistant professor in the Department of Orthopedic Surgery, College of Medicine, and salary increased from \$6,000 to \$6,800 (P plus 50%), plus insurance programs, twelve months' basis, effective January 1, 1957; salary to be paid, as follows: Account A 522, Line 8, \$6,000; Account A 522, Line 2, \$400, January 1, 1957 through June 30, 1957.

SALARY CHANGES. Upon the recommendation of the Faculty Committee the following salary changes submitted by Provost Davis were made:

Robert L. Jensen, research associate in the Department of Pediatrics, College of Medicine, increased from \$4,600 to \$5,000, plus insurance programs, twelve months' basis, effective as of December 1, 1956; salary to be paid as follows: Account Q463, \$4,600; Account Q 636, \$400.

Salaries of staff members as follows were increased as indicated, plus insurance programs, nine months' basis, effective for the second semester 1956-1957, the increases to be payable from Account A 188, Line 12:

<u>Line</u>	<u>Name</u>	<u>Rank</u>	<u>From</u>	<u>To</u>	<u>Increase for 2nd Semester</u>
8	Eleanor H. Slifer	Associate professor	\$6,100	\$6,600	\$250
10	Richard V. Bovbjerg	Assistant professor	5,800	6,300	250
3	Harold W. Beans	Professor	8,400	9,000	300

Paul E. Baer, assistant professor in the Department of Child Psychiatry and Pediatric Facilities, College of Medicine, increased from \$6,500 to \$7,250, plus insurance programs, twelve months' basis, effective January 1, 1957, payable from Account Q 912, Line 3.

APPOINTMENTS. Upon the recommendation of the Faculty Committee the following appointments submitted by Provost Davis were made:

Robert W. Shook, editorial assistant, University Publications, at a salary of \$6,200 plus insurance programs, twelve months' basis, effective January 1, 1957, salary payable from Account A 064.

Mona Moughton, assistant professor for an indefinite term in the College of Nursing, at a salary of \$6,500, plus insurance programs, twelve months' basis, effective as of November 13, 1956, salary payable from Account Q 987, Line 2.

Robert F. Thompson, superintendent of University Printing Service, at a salary of \$6,500, plus insurance programs, twelve months' basis, effective January 1, 1957, salary payable from Account PO 65, Line 3.

Thomas R. Porter, associate professor in the College of Education and College of Liberal Arts and head of the Science Department in the University High School, for an indefinite term, at a salary of \$7,500, plus insurance programs, nine months' basis, effective September, 1957, salary to be paid from Account A 162 and Account A 356.

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DEATHS. Mr. Hamilton stated that Provost Davis had reported to the Faculty Committee deaths, as follows:

Dr. Andrew H. Woods, former professor in the College of Medicine and director of the State Psychopathic Hospital from 1928 to 1941, at Wellesley Hills, Massachusetts, on November 5, 1956.

Frank E. Horack, professor emeritus in the Department of Political Science, College of Liberal Arts, at Iowa City, Iowa, on November 14, 1956.

BUDGET INCREASE - EQUIPMENT. Upon the recommendation of the Building and Business Committee, and in consideration of the need to meet accumulating equipment requests, the 1956-1957 budget for equipment was increased \$75,000 which is to be offset by funds presently estimated to be unexpended on June 30, 1957; and the Finance Committee was requested to report the budget increase for equipment to the State Comptroller.

RESOLUTION - CLASSIFIED INFORMATION. The following resolution was submitted:

WHEREAS, it is considered necessary, in the interest of national defense, to enter into contracts from time to time with the Government involving classified information, and

WHEREAS, security regulations of the Department of Defense require that each member of the institutions' governing board and its Finance Committee obtain individual security clearance unless the governing board affirms that these individuals will not require, nor have, and can be effectively denied, access to classified information in the possession of the institutions and do not occupy positions that would enable them to affect adversely the institutions' policies or practices in the performance of contracts for the Government, and

WHEREAS, it is not considered practical for each member of the State Board of Regents and its Finance Committee to obtain individual security clearances,

THEREFORE, BE IT RESOLVED that the State Board of Regents affirms that the individuals of this board and its Finance Committee will not require, nor have, and can be effectively denied, access to classified information in the possession of its institutions and do not occupy positions that would enable them to affect adversely the institutions' policies or practices in the performance of contracts for the Government.

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Members of the State Board of Regents are presently as follows:

Dwight G. Rider, President, V. B. Hamilton, Richard H. Plock,
Mrs. Willard Archie, C. L. Fredricksen, Harry H. Hagemann,
Roy E. Stevens, Clifford M. Strawman.

Members of the Finance Committee are presently as follows:

Carl Gernetzky, Chairman
David A. Dancer, Secretary (also Secretary of Board)
A. W. Walsh

Mr. Hagemann moved that the foregoing resolution be adopted. The motion was seconded by Mrs. Archie and passed.

LAW ANNEX AND EQUIPMENT. Mr. Hagemann stated that the Business Manager of the State University had reported to the Building and Business Committee about the progress being made in planning for the Law Annex and Equipment.

UNIVERSITY HOSPITAL - IMPROVING BUILDINGS FOR EMOTIONALLY DISTURBED OR MENTALLY RETARDED CHILDREN - SUPPLEMENTAL PROJECT - FEDERAL FUNDS. The Building and Business Committee submitted the following report and description of a supplemental project in connection with Improving Buildings for Emotionally Disturbed or Mentally Retarded Children:

The first phase of the Emotionally Disturbed and Mentally Retarded Children project is the new construction of two additional floors on the tower west section of the University Hospital, as outlined in the project description approved by the State Board of Regents on June 15, 1956, and by the Budget and Financial Control Committee on July 10, 1956.

Supplemental to this project are the necessary alterations of the space which will be vacated in the northwest wing of the hospital. It is proposed that for these alterations \$36,666.67 of the Hospital Repairs, Replacements and Alterations annual appropriation be used, to be matched by \$13,333.33 of federal funds, a total of \$50,000.00. Alterations on the third and fourth floors will involve seven rooms and adjacent areas where the new construction would tie into the existing hospital. These will be altered to provide a relocated nursing station, new utility room, equipment storage area, cleanup room, residents' charting area and waiting space for patients' visitors. Alterations on the second floor of the east-west wing will involve changes to provide the in-patient and out-patient area for the emotionally disturbed and mentally retarded children. Alterations on the first floor will involve changes to provide

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entrance, waiting room, and admissions area for the new activity. All of these alterations include changing of partitions and entrances, relocation of plumbing and electrical services and the work incidental thereto.

Upon the recommendation of the Building and Business Committee the supplemental project for University Hospital, Improving Buildings for Emotionally Disturbed or Mentally Retarded Children was approved, and the Secretary of the State Board of Regents was authorized to file an application for a grant of federal funds to aid in the financing of the construction of the supplemental project for Improving Buildings for Emotionally Disturbed or Mentally Retarded Children (Hospital Building), and to furnish such information as the United States Department of Health, Education and Welfare may reasonably request in connection with the application and to execute such papers as may be necessary.

STATE BACTERIOLOGICAL LABORATORY - ADDITIONAL SERVICES. At the meeting held on November 1-2-3, 1956, the Board requested that it be furnished with information about the additional funds and facilities needed if the State Bacteriological Laboratory were to provide diagnostic services requested by the State Board of Health and the Iowa Chapter of the American Academy of Pediatrics.

The Building and Business Committee reported that it would cost about \$150,000 to build an addition to the State Bacteriological Laboratory and for equipment to provide additional diagnostic services, and recommended that the State Board of Regents cooperate with the State Board of Health and other interested agencies in sponsoring a request for an appropriation to provide facilities for additional diagnostic services by the State Bacteriological Laboratory.

DORMITORY FINANCING - COMMITMENTS - PURCHASE OF KESSLER PROPERTY. The Building and Business Committee reported that commitments for dormitory loans for the

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purchase of the Kessler property for the use and benefit of the State University of Iowa had been received, as follows:

<u>Name of Company</u>	<u>Date of Commitment</u>	<u>Amount</u>
Bankers Life Company	November 23, 1956	\$60,000
Equitable Life Insurance Company of Iowa	November 27, 1956	60,000

Terms of Commitment

Bankers Life Company (and the Equitable Life Insurance Company of Iowa) is willing to commit to the extent of \$60,000 to provide one-half of the funds for the purchase by the State Board of Regents for \$120,000 of 240 acres of land at \$500 per acre as a possible site for future married student housing, contingent upon the Equitable Life Insurance Company of Iowa (Bankers Life Company) committing for the other half. The interest rate will be 4 1/4% and the loan will have a final maturity of 40 years, amortizing in equal annual installments over that period of time.

The Loan Agreement will permit prepayment at any time except that if made from funds derived from borrowing or refinancing there will be a premium of 4 1/4% the first year, 4% the second year, 3 3/4% the third year, and declining 1/2% each year thereafter, with no premium in the eleventh and subsequent years. Prepayments of a portion of the total debt shall be applied pro rata to the various series of Notes outstanding and with respect to the proposed 4 1/4% Notes, the 3.80% Notes due 1998, and the 3 5/8% Notes due 1985, will be divided equally between Equitable and Bankers.

Various other covenants and provisions in the University Dormitory Loan Agreement dated September 28, 1955, and the University Dormitory Supplemental Loan Agreement dated November 2, 1956, will be incorporated in substantially their present form in a Supplemental Loan Agreement covering this financing.

Mr. Hagemann moved that the commitments of the Bankers Life Company and the Equitable Life Insurance Company of Iowa be accepted, with the understanding that a supplemental loan agreement will be submitted later. The motion was seconded by Mr. Fredricksen and passed.

PURCHASE OF PROPERTY - ESTATE OF LEO T. KESSLER. Secretary Danncer reported that on November 26, 1956, the Executive Council of Iowa approved the action taken on November 2, 1956, authorizing the purchase of a 240-acre farm located in Johnson County, Iowa, from the Kessler Estate at a price of \$120,000.00.

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DORMITORIES AND APARTMENTS - BOARD AND ROOM RATES - BASIC RENTAL RATES. Upon the recommendation of the Building and Business Committee the following rates were established for dormitories and apartments for the year 1957-1958, effective as indicated:

Room and Board Rates
Effective 1957-58

	<u>1956-57</u>	<u>1957-58</u>	<u>Amount of Increase</u>	<u>Percent of Increase</u>
<u>Doubles and Triples</u>				
Room	\$220.00	\$240.00	\$20.00	9.09%
Board	430.00	460.00	30.00	6.98%
Total	\$650.00	\$700.00	\$50.00	7.69%

Singles
(and Doubles and Quadruples with Bath)

Room	\$290.00	\$315.00	\$25.00	8.62%
Board	430.00	460.00	30.00	6.98%
Total	\$720.00	\$775.00	\$55.00	7.64%

Quadruples and Triples

Room	\$220.00	\$240.00	\$20.00	9.09%
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Married Housing Apartments - Basic Rental

	<u>1956-57</u>	<u>1957-58</u>	<u>Amount of Increase</u>	<u>Percent of Increase</u>
	<u>Per Month</u>	<u>Per Month</u>		
Temporary Units				
Unfurnished	\$ 50.00	\$ 52.50	\$ 2.50	5.0%
Furnishings	6.00	6.00	-0-	
Parklawn				
Utility	\$ 65.00	\$ 65.00	-0-	
One Bedroom	\$ 75.00	\$ 75.00	-0-	

Staff differentials and increments due to tenure continue unchanged.

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Room and Board Rates
 Summer Session
 Effective 1957-58

	<u>1956-57</u>	<u>1957-58</u>	<u>Amount of Increase</u>	<u>Percent of Increase</u>
<u>Non-Boarding</u>				
Doubles and Multiples	\$ 52	\$ 58	\$ 6	11.54%
Singles	70	78	8	11.43%
Multiple with Bath	70	78	8	11.43%
Doubles as Singles	87	98	11	12.63%

Singles
 (and Doubles and Multiples with Bath)

Room	\$ 70	\$ 78	\$ 8	11.43%
Board	104	110	6	5.77%
Total	\$174	\$188	\$14	8.05%

Doubles and Multiples

Room	\$ 52	\$ 58	\$ 6	11.54%
Board	104	110	6	5.77%
Total	\$156	\$168	\$12	7.69%

Doubles and Singles

Room	\$ 87	\$ 98	\$11	12.64%
Board	104	110	6	5.77%
Total	\$191	\$208	\$17	8.90%

Residence Halls Daily Rates
 Effective June 1957

	<u>Per Person</u> <u>Per Night</u>	
	<u>1956-57</u>	<u>1957-58</u>
A. Dormitory Accommodations		
1. Conference and specialized educational programs, including Alumni Days		
Double, Triple or Quadruple Rooms	\$ 2.00	\$ 2.50
Single rooms	2.50	3.00
Double rooms with private baths	3.50	3.50
Double room as single room	3.50	3.50
Double room with private bath as single room	5.00	5.00

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	Per Person Per Night	
	<u>1956-57</u>	<u>1957-58</u>
2. Students - college or high school - including teams, student organizations, delegates, fraternity and sorority rushees, debate and forensics events and guests of dormitory residents		
Double, Triple, Quadruple or Single rooms	\$ 1.50	\$ 1.50
Multiple occupancy accommodations	1.50	1.50
Extra person or persons in a room on cots	1.50	1.50
Double rooms with private bath	3.50	3.50
Double room with private bath as single room	5.00	5.00
 B. Iowa Center for Continuation Study		
1. One bedroom apartments, quadruple occupancy	\$ 3.50	\$ 3.50
2. Efficiency apartments, double occupancy	3.50	3.50
3. Efficiency apartment, single occupancy	5.00	5.00
	Per Apartment <u>Per Night</u>	
C. Married Student Apartment Accommodations		
1. Barracks apartments	\$ 5.00	\$ 5.00
2. Parklawn apartments	10.00	10.00

MARRIED STUDENTS' HOUSING - REPORT OF ARCHITECT. The Building and Business Committee reported that Dane D. Morgan and Associates had submitted a resume of investigations and studies made relative to the Married Students' Housing program, and that a plan would be submitted at a later date.

PROPERTY - TRANSFER OF TITLE - IOWA MEMORIAL UNION. Secretary Dancer reported that on December 3, 1956, the Executive Council of Iowa adopted the following resolution regarding the transfer of title to property owned for the use and benefit of the State University to the Iowa Memorial Union as a site on which to erect Units IV, V, and VI: (See Board minutes of November 1-2-3, 1956.)

"RESOLVED, that the action of the State Board of Regents, evidenced by the foregoing resolution, be and is hereby approved, and it is further resolved that the property described in the foregoing resolution be transferred by Patent when and as a proper contract embodying the foregoing provisions is executed and approved."

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IOWA MEMORIAL UNION ADDITIONS IV, V, AND VI - FINANCING. Mr. Hagemann stated that Business Manager Jolliffe and Secretary Dancer had reported to the Building and Business Committee about negotiations with the Iowa-Des Moines National Bank and the Housing and Home Finance Agency for financing Iowa Memorial Union Additions IV, V, and VI, and the progress being made.

LEASE - UNITED STATES OF AMERICA (NAVY) - UNITED STATES NAVAL RESERVE ELECTRONICS UNIT. Secretary Dancer reported that on November 26, 1956, the Executive Council of Iowa approved the action taken on November 3, 1956, by the State Board of Regents authorizing a lease by and between the State Board of Regents and the United States of America covering a tract of land to be used as a site for a proposed United States Naval Reserve Electronics Unit.

COAL, BALANCE OF YEAR 1956-1957 - CONTRACT. The Building and Business Committee reported that on November 8, 1956, the Finance Committee received and opened bids for 36,000 tons of coal for the State University of Iowa for the balance of the year 1956-1957; and had awarded the contract to the low bidder, Thos. J. Mulgrew Company, Dubuque, Iowa, on the basis of that firm's bid of \$8.20 a ton, f.o.b. Iowa City, Iowa, for coal from the Will Scarlet Mine, Saline County, Illinois, and authorized the secretary to sign the contract when a satisfactory bond has been filed.

Upon the recommendation of the Building and Business Committee the action of the Finance Committee was approved and ratified.

BOARD IN CONTROL OF ATHLETICS - STADIUM IMPROVEMENTS - ACCEPTANCE. The Building and Business Committee reported that the Board in Control of Athletics had made final inspection of the Stadium Improvements; had found that the following contractors had completed the work indicated in accordance with the plans and

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specifications and contract documents; and had accepted the work and authorized final payments in accordance with the provisions of Chapter 573, 1954 Code of Iowa:

Electrical work	Robbins Electric Company, Moline, Illinois
Seating	Safeway Steel Scaffolds, Inc., Detroit, Michigan

Upon the recommendation of the Building and Business Committee the report was accepted.

MUSIC, EASTLAWN ALTERATIONS AND EQUIPMENT -- ELEVATOR - ACCEPTANCE. The Building and Business Committee reported that on December 4, 1956, representatives of the State University and the contractor, Chenoweth-Kern Elevator Company, inspected the elevator, Music - Eastlawn Alterations and Equipment, and found that the work had been completed in accordance with the plans and specifications and contract documents.

Upon the recommendation of the Building and Business Committee the elevator, Music - Eastlawn Alterations and Equipment, was accepted as of this date, December 14, 1956, from the Chenoweth-Kern Elevator Company and payment of the final estimate in accordance with the provisions of Chapter 573, 1954 Code of Iowa, was authorized.

TENANT PROPERTY -- CANCELLATION OF LEASE. Mr. Hagemann moved that the Business Manager of the State University be authorized to cancel the lease with Franklin M. Top for the property at 212 Myrtle Avenue, Iowa City, Iowa, effective as of December 7, 1956. The motion was seconded and on roll call the vote was as follows:

Aye: Mrs. Archie, Mr. Fredricksen, Mr. Hagemann, Mr. Plock and Mr. Rider

Nay: None.

Absent: Mr. Hamilton, Mr. Stevens and Mr. Strawman.

The chairman declared the motion passed.

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FOOTBALL COACHES AND SQUAD - PAUL W. BRECHLER - BOARD IN CONTROL OF ATHLETICS. Mr. Hamilton moved that the State Board of Regents extend its congratulations to Coach Forest Evashevski, his coaching staff, and the football squad of the State University of Iowa for their outstanding achievement in winning the Big Ten football championship and receiving the invitation to play in the Rose Bowl Football Game in Pasadena on New Year's Day; and to commend Paul W. Brechler, Director of the Division of Physical Education and Intercollegiate Athletics, the Board in Control of Athletics, the entire football coaching staff and the student teams for the feat which has brought national recognition to themselves, the State University, and the State of Iowa. The motion was seconded by Mr. Hagemann and passed unanimously.

DIPLOMAS AND CERTIFICATES. Mr. Hagemann moved that because of the resignation of President Rider, effective December 31, 1956, the Secretary of the State Board of Regents be authorized to sign the diplomas and certificates to be conferred at the University Commencement on February 2, 1957. The motion was seconded by Mrs. Archie and passed.

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IOWA STATE TEACHERS COLLEGE

The following business relating to the Iowa State Teachers College was transacted on December 14, 1956:

MARRIED STUDENT HOUSING - ACCEPTANCE. The Building and Business Committee reported that on December 4, 1956, E. E. Cole, as architect and representative of the Owner, and representatives of the contractors inspected the Married Student Housing and found that the following contractors had completed the work indicated in accordance with the plans and specifications and contract documents;

John G. Miller Construction Company	General construction
Marshall Young Company	Plumbing and heating
Automatic Humidifier Company	Electric wiring

and that on December 4, 1956, the Lechner Engineering Company certified that the Fort Dodge Construction Company had completed the construction of water lines, storm sewers and sanitary sewers in accordance with the plans and specifications and contract documents.

Upon the recommendation of the Building and Business Committee the following work in connection with the construction of Married Student Housing was accepted as of this date, December 14, 1956, from the contractors indicated and payment of the final estimates in accordance with the provisions of Chapter 573, 1954 Code of Iowa, was authorized:

General construction	John G. Miller Construction Company
Plumbing and heating	Marshall Young Company
Electric wiring	Automatic Humidifier Company
Water lines, storm sewers, and sanitary sewers	Fort Dodge Construction Company

INSURANCE - MARRIED STUDENT HOUSING. The Building and Business Committee reported that on December 7, 1956, bids were received and opened for fire and extended coverage insurance for a five-year period on married students' housing

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properties known as College Courts and Sunset Village, and that a contract had been awarded to the low bidder, Joe Petersen Agency (Employers Mutual Casualty Company of Des Moines), Cedar Falls, Iowa, on the basis of an annual premium of \$2,243.65. On motion, the report was approved and the action ratified.

HEATING AND POWER PLANT - ELECTRICAL DISTRIBUTION SYSTEM - SURVEY - ENGINEERING SERVICES. At the meeting held on November 3, 1956, the Finance Committee was authorized to negotiate with the Brown Engineering Company for a proposal to make a survey of the electrical distribution system of the Heating and Power Plant at the Iowa State Teachers College.

Upon the recommendation of the Building and Business Committee the following proposal, dated November 19, 1956, of the Brown Engineering Company to make a survey of the electrical distribution system of the Heating and Power Plant at the Iowa State Teachers College was accepted, payment to be made from funds for repairs, replacements and alterations:

"Brown Engineering Company will prepare a written report (after field investigation) concerning:

- Part A Adequacy of the electric distribution system for present and future loads and changes necessary including estimated costs. This will probably involve change from 2400 volts delta to 2400/4160 star, and the changes will include those outside and inside the power plant. Recommendations as to proper system operating voltages will be made. This whole problem is a continuation of and bringing up to date the report of 1953.
- Part B A study of present day and future operation of the power plant including modifications and additions for handling steam temperatures while burning gas, operating of old turbines with new boilers, capability test runs on all turbine generators singly and in parallel, and estimate of fuel costs on each machine for future operating economies.

"The cost of such a report will be \$650.00. It will be completed by February 15, 1957, and twelve copies will be furnished.

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"In the event later that work contemplated by the report is done under our engineering and supervision on a standard engineering contract basis as in the past, a credit will be allowed for that part of the above fee which does not exceed 15% of the standard fee for such later work. (In other words, if the fee on later work for plans and specifications and supervision were \$3,000, 15% or \$450.00 of the above \$650.00 would be credited on our invoices to you.)"

CAMPUS LABORATORY SCHOOL, UNIT "C" - ELECTRIC WIRING - CHANGE ORDER. Upon the recommendation of the Building and Business Committee the architect, Tinsley, Higgins, Lighter & Lyon, was authorized to issue Change Order #1 to the contract with the Hub Electric Company for the installation of electric wiring in the Campus Laboratory School, Unit "C", covering a deduction of \$693.55 from the contract price for the following:

Omit ten electric hair dryers, originally specified.

Adjust wiring to provide wall receptacles for dryers furnished by the Owner, all as agreed upon with the Owner.

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IOWA STATE COLLEGE

The following business relating to the Iowa State College was transacted on December 14, 1956:

RESIGNATIONS. Upon the recommendation of the Faculty Committee the following resignations submitted by President Hilton were accepted:

Dean F. Johnson, instructor in the Iowa Veterinary Diagnostic Laboratory, effective as of November 15, 1956. (Military service.)

James M. Brewer, instructor in the Department of Veterinary Obstetrics and Radiology, effective December 21, 1956, to enter private practice.

George W. Ramsay, county extension director, Floyd County, Agricultural Extension Service, effective as of November 15, 1956, to accept a position as agricultural advisor in Shiraz, Iran.

Thomas L. Van Rossum, junior chemist in Chemistry, Institute for Atomic Research, effective as of November 27, 1956, to accept a position with the Armour Research Foundation, Chicago, Illinois.

Vernon Kaspar, studio engineer, Information Service, WOI-TV, effective December 16, 1956, to accept a position with KSO in Des Moines, Iowa.

Eric B. Fowler, associate professor of Bacteriology, effective December 31, 1956, to accept a position as chief, Bacteriologist-Chemist, Los Alamos, New Mexico.

Paul A. Kristensen, instructor in Electrical Engineering, Engineering Experiment Station, effective January 15, 1957, to accept a position with the Univac Division of Remington Rand Corporation, St. Paul, Minnesota.

Richard L. Neill, junior engineer, Institute for Atomic Research, effective December 15, 1956, to accept a position with Bendix Pacific Division, North Hollywood, California.

LEAVES OF ABSENCE. Upon the recommendation of the Faculty Committee the following requests for leaves of absence submitted by President Hilton were granted:

Edwin L. Iloff, assistant professor and associate physicist in the Institute for Atomic Research, for the period October 1, 1956, through November 30, 1956, without salary, because he was unable to report for duty as expected.

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Albert E. Freeman, assistant professor of Animal Husbandry (Dairy Husbandry), Agricultural Experiment Station, for the period November 16, 1956, through November 30, 1956, without salary, because he was unable to report for duty before December 1, 1956.

G. Ross Henninger, professor and assistant director of Engineering Extension Service, for the period January 1, 1957, through June 30, 1957, without salary, to serve the American Society of Engineering Education as director of a National Survey of Technical Institute Education.

George R. Town, associate director of the Engineering Experiment Station, and professor of Electrical Engineering, for the period January 1, 1957, through June 30, 1957, without salary, to accept a position as executive director of the Television Allocations Study Organization, Washington, D. C.

SALARY INCREASES, TRANSFERS AND PROMOTIONS: Upon the recommendation of the Faculty Committee the following salary increases, transfers, and promotions submitted by President Hilton were made:

Donald R. Kaldor, professor of Agricultural Economics and Rural Sociology, salary increased from \$8,000 (\$3,600 Ed. Support; \$4,400 AES), twelve months' basis, plus annuity, to \$8,400 (\$3,800 Ed. Support; \$4,600 AES), twelve months' basis, plus annuity, effective January 1, 1957.

John F. Timmons, professor of Agricultural Economics and Rural Sociology, salary increased from \$10,500 (\$5,250 Ed. Support; \$5,250 AES), twelve months' basis, plus annuity, to \$12,000 (\$6,000 Ed. Support; \$6,000 AES), twelve months' basis, plus annuity, effective January 1, 1957.

David M. Fulcomer, professor of Economics and Sociology, salary increased from \$7,600, twelve months' basis, plus annuity, to \$8,500, twelve months' basis, plus annuity, effective January 1, 1957.

Charles S. Gwynne, professor of Geology, salary changed from \$1,680 for part-time, nine months' basis, to \$1,985 for part-time, nine months' basis, effective as of September 16, 1956, to correct an error in the computation of salary.

Paul F. Romberg, associate professor of Botany, salary increased from \$6,500, twelve months' basis, plus annuity, to \$7,000, twelve months' basis, plus annuity, effective January 1, 1957.

Ernest Wenkert, associate professor of Chemistry, salary increased from \$7,500 (\$3,750 Ed. Support; \$3,750 ISRI), twelve months' basis, plus annuity, to \$7,800 (\$3,900 Ed. Support; \$3,900 ISRI), twelve months' basis, plus annuity, effective January 1, 1957.

Bruce R. Taylor, associate professor of Animal Husbandry, salary increased from \$8,100 (\$7,300 Ed. Support; \$800 AES), twelve months' basis, plus annuity, to \$8,800 (\$7,920 Ed. Support; \$880 AES), twelve months' basis, plus annuity, effective January 1, 1957.

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H. S. McNabb, associate professor of Botany, salary increased from \$6,000 (\$3,000 Ed. Support; \$3,000 Trusts & Specials), twelve months' basis, plus annuity, to \$6,500 (\$3,250 Ed. Support; \$3,250 Trusts & Specials), twelve months' basis, plus annuity, effective January 1, 1957.

Charles H. DePuy, assistant professor of Chemistry, salary increased from \$6,500, twelve months' basis, plus annuity, to \$6,800, twelve months' basis, plus annuity, effective January 1, 1957.

David E. Metzler, assistant professor of Chemistry, salary increased from \$6,500 (\$4,875 Ed. Support; \$1,625 AES), twelve months' basis, plus annuity, to \$6,900, twelve months' basis, plus annuity, effective January 1, 1957.

Homer W. Walker, assistant professor of Dairy Industry, Agricultural Experiment Station, salary increased from \$5,600, twelve months' basis, plus annuity, to \$6,000, twelve months' basis, plus annuity, effective January 1, 1957, to be paid from Trusts and Specials.

Walter R. Hearn, assistant professor of Chemistry, salary increased from \$6,500 (\$3,250 Ed. Support; \$3,250 AES), twelve months' basis, plus annuity, to \$6,800 (\$3,400 Ed. Support; \$3,400 AES), twelve months' basis, plus annuity, effective January 1, 1957.

Dean C. Foley, assistant professor of Botany and Plant Pathology, Agricultural Experiment Station, salary increased from \$5,200, twelve months' basis, plus annuity, to \$5,700, twelve months' basis, plus annuity, effective January 1, 1957.

James C. Horton, assistant professor of Botany and Plant Pathology, Agricultural Experiment Station, salary increased from \$5,500, twelve months' basis, plus annuity, to \$6,000, twelve months' basis, plus annuity, effective January 1, 1957.

Lee Roy Kolmer, assistant professor of Economics and Sociology, Agricultural Extension Service, salary increased from \$7,200 (\$3,600 Extension; \$3,600 Trusts & Specials), twelve months' basis (Civil Service), to \$7,600 (\$3,800 Extension; \$3,800 Trusts & Specials), twelve months' basis, plus annuity, effective January 1, 1957.

Maclyn E. LaRue, county extension director, Taylor County, Agricultural Extension Service, salary increased from \$5,600 (\$3,800 Extension; \$1,800 County), twelve months' basis (Civil Service), to \$5,800 (\$3,900 Extension; \$1,900 County), twelve months' basis (Civil Service), effective January 1, 1957.

Harry E. Crim, assistant county extension director, Agricultural Extension Service, salary increased from \$5,000, twelve months' basis (Civil Service), to \$5,300, twelve months' basis (Civil Service), effective January 1, 1957.

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Robert Lichtwardt, associate in Botany and Plant Pathology, Agricultural Experiment Station, salary increased from \$5,500, twelve months' basis, to \$6,000, twelve months' basis, effective January 1, 1957, to be paid from a Trusts & Specials fund.

Ralph R. Bean, administrative assistant, Agricultural Extension Service, salary increased from \$7,100, twelve months' basis, plus annuity, to \$7,572, twelve months' basis (Civil Service), effective January 1, 1957.

Durwood Baker, associate professor of Veterinary Medicine and Surgery, salary increased from \$7,250, twelve months' basis, plus annuity, to \$8,000 (\$7,250 Ed. Support; \$750 Clinic), twelve months' basis, plus annuity, effective January 1, 1957.

Irvin A. Harvey, from assistant to extension director, Agricultural Extension Service, at a salary of \$5,600, twelve months' basis (Civil Service), to assistant county extension director, Franklin County, Agricultural Extension Service, at a salary of \$5,600, twelve months' basis (Civil Service), effective as of December 1, 1956.

Dale Studt, from county extension director, Marion County, Agricultural Extension Service, at a salary of \$5,500 (\$3,300 Extension; \$2,200 County), twelve months' basis (Civil Service), to county extension director, Floyd County, Agricultural Extension Service, at a salary of \$5,800 (\$3,500 Extension; \$2,300 County), twelve months' basis (Civil Service), effective as of December 1, 1956.

Harry E. Heath, from assistant professor of Technical Journalism, at a salary of \$7,500, twelve months' basis, plus annuity, to associate professor of Technical Journalism, at a salary of \$7,500, twelve months' basis, plus annuity, effective January 1, 1957.

Robert G. Brown, from assistant professor of Electrical Engineering, at a salary of \$4,900 (\$4,083 Ed. Support; \$817 Trusts & Specials), nine months' basis, plus annuity, to associate professor of Electrical Engineering, at a salary of \$5,500 (\$4,583 Ed. Support; \$917 Trusts & Specials), nine months' basis, plus annuity, effective December 16, 1956.

Virgil Lagomarcino, from assistant professor of Vocational Education, at a salary of \$6,000, twelve months' basis, plus annuity, to associate professor of Vocational Education, at a salary of \$8,000, twelve months' basis, plus annuity, effective January 1, 1957.

Clarence W. Bockhop, from graduate assistant of Agricultural Engineering, at a salary of \$1,800, twelve months' basis, to assistant professor of Agricultural Engineering, at a salary of \$7,500, twelve months' basis, plus annuity, effective January 1, 1957.

Richard W. Anderson, from assistant county extension director, Wayne County, Agricultural Extension Service, at a salary of \$5,200, twelve months' basis (Civil Service), to county extension director, Winnebago County, Agricultural Extension Service, at a salary of \$5,600 (\$3,600 Extension; \$2,000 County), twelve months' basis, plus annuity, effective as of November 1, 1956.

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Richard L. Lundvall, from assistant professor of Veterinary Medicine and Surgery, at a salary of \$7,500, twelve months' basis, plus annuity, to associate professor of Veterinary Medicine and Surgery, at a salary of \$8,000 (\$7,500 Educational Support; \$500 Clinic), twelve months' basis, plus annuity, effective January 1, 1957.

Malcolm Rougvie, from associate in Physics, at a salary of \$5,500, twelve months' basis (Trusts & Specials), to assistant professor of Physics, at a salary of \$7,200 (\$2,400 Ed. Support; \$4,800 Trusts & Specials) twelve months' basis, plus annuity, effective January 1, 1957.

David R. Boylan, professor of Chemical Engineering, salary increased from \$8,000 (\$4,000 Ed. Support; \$4,000 EES), twelve months' basis, plus annuity, to \$8,500 (\$2,000 Ed. Support; \$6,500 EES), twelve months' basis, plus annuity, effective January 1, 1957.

Warren B. Boast, professor and head of the Department of Electrical Engineering, salary increased from \$10,700 (\$7,134 Ed. Support; \$3,566 EES), twelve months' basis, plus annuity, to \$11,200 (\$7,457 Ed. Support; \$3,733 EES), twelve months' basis, plus annuity, effective January 1, 1957.

Ernest W. Anderson, professor and head of the Department of Aeronautical Engineering, salary increased from \$9,600 (\$6,400 Ed. Support; \$3,200 EES), twelve months' basis, plus annuity, to \$10,000 (\$6,800 Ed. Support; \$3,200 EES), plus annuity, twelve months' basis, effective January 1, 1957.

SALARY INCREASES - DEANS AND DIRECTORS. The Faculty Committee submitted the recommendation of President Hilton that the salaries of deans and directors be increased as follows:

Floyd Andre, dean of the Division of Agriculture and director of the Agricultural Experiment Station and Agricultural Extension Service, salary increased from \$14,400 (\$3,800 Ed. Support; \$5,300 AES; \$5,300 Ext.), twelve months' basis (Civil Service), to \$15,000 (\$3,800 Ed. Support; \$5,600 AES; \$5,600 Ext.), twelve months' basis (Civil Service) effective January 1, 1957.

Helen R. LeBaron, dean of the Division of Home Economics, salary increased from \$12,000, twelve months' basis, plus annuity, to \$12,600, twelve months' basis, plus annuity, effective January 1, 1957.

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John A. Greenlee, assistant to the Dean of the Division of Science and professor of History, Government and Philosophy, salary increased from \$9,500 (\$2,000 Science; \$6,500 Science Adm.; \$1,000 ISRI), twelve months' basis, plus annuity, to \$10,000 (\$2,000 Science; \$7,000 Science Adm.; \$1,000 ISRI), twelve months' basis, plus annuity, effective January 1, 1957.

Ival A. Merchant, dean of the Division of Veterinary Medicine and director of the Veterinary Research Institute, salary increased from \$12,800 (\$7,800 Ed. Support; \$5,000 VRI), twelve months' basis, plus annuity, to \$13,500 (\$8,500 Ed. Support; \$5,000 VRI), twelve months' basis, plus annuity, effective January 1, 1957.

Ralph M. Hixon, dean of the Graduate College, salary increased from \$12,400, twelve months' basis, plus annuity, to \$13,000, twelve months' basis, plus annuity, effective January 1, 1957.

George M. Browning, associate director and professor, Agricultural Experiment Station, salary increased from \$13,000, twelve months' basis, plus annuity, to \$13,400, twelve months' basis, plus annuity, effective January 1, 1957.

Marvin A. Anderson, associate director of the Agricultural Extension Service and associate professor of Agronomy, salary increased from \$11,400, twelve months' basis (Civil Service), to \$12,000, twelve months' basis (Civil Service) effective January 1, 1957.

Roy M. Kottman, associate dean of Agriculture and professor of Animal Husbandry, salary increased from \$10,600 (\$1,400 AH; \$9,200 Adm.), twelve months' basis, plus annuity, to \$11,000 (\$1,400 AH; \$9,600 Adm.), twelve months' basis, plus annuity, effective January 1, 1957.

Mrs. Archie moved that all of the foregoing salary increases recommended by President Hilton be made. The motion was seconded by Mr. Fredricksen and passed.

SALARY INCREASES - INSTITUTE FOR ATOMIC RESEARCH (AMES LABORATORY). The Faculty Committee submitted the recommendation of President Hilton that salaries of staff members in the Institute for Atomic Research be increased as follows:

Frank H. Spedding, professor and director, Institute for Atomic Research, salary increased from \$18,000 (\$9,000 Phys. & Inorganic Chemistry; \$9,000 Adm.), twelve months' basis, plus annuity, to \$20,000 (\$10,000 Phys. & Inorganic Chem.; \$10,000 Adm.), twelve months' basis, plus annuity, effective January 1, 1957.

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H. A. Wilhelm, professor and associate director, Institute for Atomic Research, salary increased from \$14,000 (\$7,000 Met.; \$7,000 Adm.), twelve months' basis, plus annuity, to \$16,000 (\$8,000 Met.; \$8,000 Adm.), twelve months' basis, plus annuity, effective January 1, 1957.

Charles A. Goetz, professor and head of Chemistry, and professor and division chief, Institute for Atomic Research, salary increased from \$12,200 (\$6100 Ed. Support; \$6100 IAR), twelve months' basis, plus annuity, to \$13,100 (\$6100 Ed. Support; \$7000 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Robert E. Rundle, professor of Chemistry and Physics, and professor and senior scientist, Institute for Atomic Research, salary increased from \$11,700 (\$2194 Ed. Support; \$2194 ISRI; \$7312 IAR), twelve months' basis, plus annuity, to \$13,450 (\$2194 Ed. Support; \$2194 ISRI; \$9062 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Adolf F. Voigt, professor of Chemistry, and professor and assistant to the director, Institute for Atomic Research, salary increased from \$9800 (\$1837 Ed. Support; \$1838 IARMA; \$3062 Radio Chem.; \$3063 Adm.), twelve months' basis, plus annuity, to \$11,175 (\$1837 Ed. Support; \$1838 IARMA; \$3750 Radio Chem.; \$3750 Adm.), twelve months' basis, plus annuity, effective January 1, 1957.

Charles V. Banks, professor of Chemistry, and professor and senior chemist, Institute for Atomic Research, salary increased from \$9800 (\$1837 Ed. Support; \$7963 IAR), twelve months' basis, plus annuity, to \$12,399 (\$1837 Ed. Support; \$10,562 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Don S. Martin, professor of Chemistry, and professor and senior chemist, Institute for Atomic Research, salary increased from \$9700 (\$3638 Ed. Support; \$6062 IAR), twelve months' basis, plus annuity, to \$11,138 (\$3638 Ed. Support; \$7500 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Velmer A. Fassel, professor of Chemistry, and professor and senior chemist, Institute for Atomic Research, salary increased from \$9600 (\$200 Ed. Support; \$9400 IAR) twelve months' basis, plus annuity, to \$12,929 (\$200 Ed. Support; \$12,729 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Robert S. Hansen, professor of Chemistry, and professor and senior chemist, Institute for Atomic Research, salary increased from \$9600 (\$3600 Ed. Support; \$6000 IAR), twelve months' basis, plus annuity, to \$11,100 (\$3600 Ed. Support; \$7500 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Frederick R. Duke, professor of Chemistry, and professor and senior chemist, Institute for Atomic Research, salary increased from \$9400 (\$3525 Ed. Support; \$5875 IAR) twelve months' basis, plus annuity, to \$11,025 (\$3525 Ed. Support; \$7500 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

George S. Hammond, professor of Chemistry, and professor and senior chemist, Institute for Atomic Research, salary increased from \$9600 (\$4800 Ed. Support; \$2400 ISRI; \$2400 IAR), twelve months' basis, plus annuity, to \$10,200 (\$4800 Ed. Support; \$2400 ISRI; \$3000 IAR), twelve months' basis, plus annuity, effective February 16, 1957. (Dr. Hammond is on leave until February 15, 1957).

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Bruce A. Rogers, professor and senior metallurgist, Institute for Atomic Research, salary increased from \$10,000, twelve months' basis, plus annuity, to \$11,000 twelve months' basis, plus annuity, effective January 1, 1957.

O. Norman Carlson, associate professor of Chemistry and associate professor and associate chemist, Institute for Atomic Research, salary increased from \$8900, (\$1669 Ed. Support; \$7231 IAR), twelve months' basis, plus annuity, to \$10,810 (\$1669 Ed. Support; \$9141 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Adrian H. Daane, associate professor and associate chemist, Institute for Atomic Research, salary increased from \$8900, twelve months' basis, plus annuity, to \$11,250, twelve months' basis, plus annuity, effective January 1, 1957.

Jack E. Powell, assistant professor and associate chemist, Institute for Atomic Research, salary increased from \$8600, twelve months' basis, plus annuity, to \$11,000, twelve months' basis, plus annuity, effective January 1, 1957.

Premo Chiotti, associate professor of Chemistry, and associate professor and associate chemist, Institute for Atomic Research, salary increased from \$8900, (\$556 Ed. Support; \$8344 IAR), twelve months' basis, plus annuity, to \$10,634 (\$556 Ed. Support; \$10,078 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Harry J. Svec, associate professor of Chemistry, and associate professor and associate chemist, Institute for Atomic Research, salary increased from \$8700 (\$1631 Ed. Support; \$7069 IAR), twelve months' basis, plus annuity, to \$9756 (\$1631 Ed. Support; \$8125 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

James S. Fritz, associate professor of Chemistry, and associate professor and associate chemist, Institute for Atomic Research, salary increased from \$8300 (\$1556 Ed. Support; \$6744 IAR), twelve months' basis, plus annuity, to \$9681 (\$1556 Ed. Support; \$8125 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

David Peterson, assistant professor of Chemical Engineering and assistant professor and associate engineer, Institute for Atomic Research, salary increased from \$8900 (\$1113 Ed. Support; \$7787 IAR), twelve months' basis, plus annuity, to \$10,300 (\$1113 Ed. Support; \$9187 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

John F. Smith, assistant professor and associate chemist, Institute for Atomic Research, salary increased from \$7900, twelve months' basis, plus annuity, to \$9,000, twelve months' basis, plus annuity, effective January 1, 1957.

Laurence D. Jennings, assistant professor and associate chemist, Institute for Atomic Research, salary increased from \$6000, twelve months' basis, plus annuity, to \$8000, twelve months' basis, plus annuity, effective January 1, 1957.

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John D. Corbett, assistant professor of Chemistry, and assistant professor and associate chemist, Institute for Atomic Research, salary increased from \$6200 (\$1162 Ed. Support; \$5038 IAR), twelve months' basis, plus annuity, to \$7738 (\$1238 Ed. Support; \$6500 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Lawrence S. Bartell, assistant professor of Chemistry, and assistant professor and associate chemist, Institute for Atomic Research, salary increased from \$7200 (\$3600 Ed. Support; \$2700 ISRI; \$900 IAR), twelve months' basis, plus annuity, to \$8025 (\$3850 Ed. Support; \$1925 ISRI; \$2250 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Klaus Ruedenberg, assistant professor of Chemistry, and assistant professor and associate chemist, Institute for Atomic Research, salary increased from \$7000 (\$3500 Ed. Support; \$3500 IAR), twelve months' basis, plus annuity, to \$7650 (\$3650 Ed. Support; \$4000 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Riley Schaeffer, associate professor of Chemistry, and associate professor and associate chemist, Institute for Atomic Research, salary increased from \$7000 (\$3500 Ed. Support; \$2625 ISRI; \$875 IAR), twelve months' basis, plus annuity, to \$7800 (\$3700 Ed. Support; \$1850 ISRI; \$2250 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Gerald W. Fox, professor and head of Physics, professor and division chief, Institute for Atomic Research, salary increased from \$11,800 (\$7670 Ed. Support; \$4130 IAR), twelve months' basis, plus annuity, to \$12,220 (\$7670 Ed. Support; \$4550 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Gordon C. Danielson, professor of Physics, and professor and senior physicist, Institute for Atomic Research, salary increased from \$9400 (\$3525 Ed. Support; \$5875 IAR), twelve months' basis, plus annuity, to \$10,400 (\$3525 Ed. Support; \$6875 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Sam Legvold, professor of Physics, and professor and senior physicist, Institute for Atomic Research, salary increased from \$8900 (\$3337 Ed. Support; \$5563 IAR), twelve months' basis, plus annuity, to \$9900, (\$3337 Ed. Support; \$6563 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Erling N. Jensen, professor of Physics, and professor and senior physicist, Institute for Atomic Research, salary increased from \$8500 (\$3187 Ed. Support; \$5313 IAR), twelve months' basis, plus annuity, to \$9437 (\$3187 Ed. Support; \$6250 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

D. J. Zaffarano, associate professor of Physics, and associate professor and associate physicist, Institute for Atomic Research, salary increased from \$9,000 (\$3375 Ed. Support; \$5625 IAR), twelve months' basis, plus annuity, to \$9,937 (\$3375 Ed. Support; \$6562 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Richard G. Barnes, associate professor of Physics, and associate professor and associate physicist, Institute for Atomic Research, salary increased from \$8,400 (\$3780 Ed. Support; \$4620 IAR), twelve months' basis, plus annuity, to \$9005 (\$3780 Ed. Support; \$5225 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

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Clayton A. Swenson, assistant professor of Physics, and assistant professor and associate physicist, Institute for Atomic Research, salary increased from \$7500 (\$2813 Ed. Support; \$4687 IAR), twelve months' basis, plus annuity, to \$8125 (\$2813 Ed. Support; \$5312 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Donald E. Hudson, assistant professor of Physics, and assistant professor and associate physicist, Institute for Atomic Research, salary increased from \$7300 (\$2737 Ed. Support; \$4563 IAR), twelve months' basis, plus annuity, to \$7737 (\$2737 Ed. Support; \$5000 IAR), twelve months' basis, effective January 1, 1957.

Bille C. Carlson, assistant professor of Physics, and assistant professor and associate physicist, Institute for Atomic Research, salary increased from \$7200 (\$2700 Ed. Support; \$4500 IAR), twelve months' basis, plus annuity, to \$7700 (\$2700 Ed. Support; \$5000 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Melbourne G. Stewart, assistant professor of Physics, and assistant professor and associate physicist, Institute for Atomic Research, salary increased from \$7200 (\$2700 Ed. Support; \$4500 IAR), twelve months' basis, plus annuity, to \$7512 (\$2700 Ed. Support; \$4812 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Morton Smutz, professor and head, Department of Chemical Engineering, and professor and division chief, Institute for Atomic Research, salary increased from \$9600 (\$3200 Ed. Support; \$3200 EES; \$3200 IAR), twelve months basis, plus annuity, to \$10,400 (\$3200 Ed. Support; \$3200 EES; \$4000 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

George Burnet, Jr., associate professor of Chemical Engineering, and associate professor and associate engineer, Institute for Atomic Research, salary increased from \$7500 (\$3750 Ed. Support; \$3750 IAR), twelve months' basis, plus annuity, to \$7750 (\$3750 Ed. Support; \$4000 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Raymond W. Fahien, assistant professor of Chemical Engineering, and assistant professor and associate engineer, Institute for Atomic Research, salary increased from \$7000 (\$2625 Ed. Support; \$4375 IAR), twelve months' basis, plus annuity, to \$7312 (\$2625 Ed. Support; \$4687 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Glenn Murphy, professor and head, Department of Theoretical and Applied Mechanics, and professor and senior engineer, Institute for Atomic Research, salary increased from \$11,500 (\$5227 Ed. Support; \$2440 EES; \$3833 IAR), twelve months' basis, plus annuity, to \$12,000 (\$5227 Ed. Support; \$2440 EES; \$4333 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Robert Uhrig, associate professor of Theoretical and Applied Mechanics, and associate professor and associate engineer, Institute for Atomic Research, salary increased from \$7500 (\$5625 Ed. Support; \$1875 IAR), twelve months' basis, plus annuity, to \$7625 (\$5625 Ed. Support; \$2000 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

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Roland H. Good, associate professor of Physics, and associate professor and associate physicist, Institute for Atomic Research, salary increased \$8,400 (\$3780 Ed.Support; \$4620 IAR), twelve months' basis, plus annuity, to \$9,005 (\$3780 Ed.Support; \$5225 IAR), twelve months' basis, plus annuity, effective January 1, 1957.

Charles L. Hammer, assistant professor of Physics, and associate professor and associate physicist, Institute for Atomic Research, salary increased from \$7,200 (\$2700 Ed.Support; \$4,500 IAR), to \$8,012 (\$2700 Ed.Support; \$5312 IAR) twelve months' basis, plus annuity, effective January 1, 1957.

Mr. Hagemann moved that the foregoing salary increases for staff members in the Institute for Atomic Research be made. The motion was seconded by Mr. Hamilton and passed.

APPOINTMENTS. Upon the recommendation of the Faculty Committee the following appointments submitted by President Hilton were made:

Robert N. Shoffner, Professor (temporary) of Poultry Husbandry, at a salary of \$8,400 (\$2600 Ed.Support; \$5800 AES), twelve months' basis, effective from January 1, 1957, through June 15, 1957. (Replacement for Dr. Nordskog, who is on leave, and for Dr. Cotterill, resigned.)

Earl M. Henderson, assistant county extension director in training, Webster County, Agricultural Extension Service, at a salary of \$5,500, twelve months' basis (Civil Service), effective as of November 1, 1956.

Wallace H. Orgell, assistant professor of Zoology and Entomology, at a salary of \$6,600, twelve months' basis, plus annuity, effective January 1, 1957.

James R. Strain, assistant professor of Economics and Sociology, Agricultural Extension Service, at a salary of \$6,500 (\$2,000 Extension; \$4,500 Trusts & Specials), twelve months' basis, plus annuity, effective February 16, 1957.

Martin C. Erickson, building construction inspector, Physical Plant Department, at a salary of \$5,000, twelve months' basis, effective as of November 2, 1956.

Cecil V. Hamilton, physician, Student Health Service, at a salary of \$9,000, twelve months' basis, plus annuity, effective from January 1, 1957, through December 31, 1957. (Replacement for Dr. Van Bommel.)

Kenneth S. Oleson, assistant professor, Engineering Extension Service, at a salary of \$6,500, twelve months' basis, plus annuity, effective January 16, 1957. (Replacement for Mr. Kristensen.)

David H. Dennison, junior associate in Chemistry, Institute for Atomic Research, at a salary of \$5,700, twelve months' basis, effective December 16, 1956.

IOWA STATE COLLEGE MEMORIAL UNION - MORTGAGE DATED 2/26/42 - RELEASE FROM OBLIGATION TO RECONVEY REAL ESTATE. The following resolution was submitted:

WHEREAS, on April 12, 1927, the Iowa State Board of Education adopted a resolution authorizing the conveyance of certain real estate on the Campus of Iowa State College at Ames, Iowa, to the Iowa State College Memorial Union for

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the erection of a Memorial Union Building, which resolution recited as a part of the consideration for said conveyance the return of the fee title to said real estate to the said Board when the temporary financing of the building shall have been completed; and

WHEREAS, said real estate was duly conveyed pursuant to said resolution by said Board of Education to the said Union, and in order to finance the erection of the building on said real estate the said Union issued bonds secured by its Mortgage Deed of Trust under date of May 1, 1927, to Ames Trust & Savings Bank of Ames, Iowa, as Trustee, covering the said real estate and the buildings and improvements thereon, which mortgage was recorded in Book X on Page 363 of the Story County, Iowa, Records; and

WHEREAS, thereafter a mortgage in the original amount of \$225,000.00 was given by the said Union to The Connecticut Mutual Life Insurance Company, dated February 26, 1942, recorded in Book 20, on Page 28, of the Story County, Iowa, Records, secured by said real estate and the buildings and improvements thereon, the proceeds of which were used to retire the remaining bonds secured by said mortgage Deed of Trust to Ames Trust & Savings Bank of Ames, Iowa, as Trustee, and said Mortgage Deed of Trust was then released of record; and

WHEREAS, on the 17th day of March, 1942, the said IOWA STATE BOARD OF EDUCATION adopted a Resolution releasing the said Union from its obligation to convey the said premises to the Board upon the satisfaction and release of said Mortgage Deed of Trust to Ames Trust & Savings Bank, Trustee, referred to above but providing that nothing therein contained should relieve the said Union of its obligation to reconvey said premises to the Board of Education upon demand, after the execution and delivery of the said mortgage to The Connecticut Mutual Life Insurance Company, but that any such conveyance should be subject to the said mortgage to The Connecticut Mutual Life Insurance Company, referred to above; and

WHEREAS, the unpaid balance of said mortgage in favor of The Connecticut Mutual Life Insurance Company dated February 26, 1942, is now \$75,000.00; and

WHEREAS, it is now the desire of the Iowa State College Memorial Union to borrow the sum of SIX HUNDRED THOUSAND DOLLARS (\$600,000.00) from The Connecticut Mutual Life Insurance Company for the purpose of repaying the existing balance of \$75,000.00, and providing \$525,000.00 for the building of a new addition to the said building as per plans exhibited to the said State Board of Regents; and the said The Connecticut Mutual Life Insurance Company has approved the application of the Union for said loan of \$600,000.00; and

WHEREAS, a question has arisen as to whether the said Union is obligated under the said Resolutions of this Board (formerly known as Iowa State Board of Education), dated April 12, 1927 and March 17, 1942, to reconvey the fee title to the said premises to this Board upon the satisfaction of the existing indebtedness to The Connecticut Mutual Life Insurance Company, secured by the mortgage to it referred to above, and it is the desire to permit the said Union to retain the fee title to the said property so that the indebtedness incurred or to be incurred by the Union above described may be refinanced by the said

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new borrowing from The Connecticut Mutual Life Insurance Company above referred to, and to be secured by a new mortgage hereinafter described.

NOW, THEREFORE, BE IT RESOLVED, that the said Union be and it is hereby released from any obligation to reconvey the said premises to the said Board upon the satisfaction and discharge of the mortgage dated February 26, 1942, to The Connecticut Mutual Life Insurance Company referred to above. Nothing herein contained shall relieve the Union from the obligation to convey said premises to the Board upon demand after execution and delivery of said new mortgage which is dated October 10, 1956 in the principal sum of \$600,000.00, to The Connecticut Mutual Life Insurance Company above referred to, but any such conveyance shall be made subject to the then unpaid balance of said new mortgage dated October 10, 1956 to The Connecticut Mutual Life Insurance Company in the principal sum of \$600,000.00.

It was moved and seconded that the foregoing resolution be adopted and, on roll call, the vote was as follows:

Aye: Mrs. Archie, Mr. Fredricksen, Mr. Hagemann, Mr. Plock, and Mr. Rider.

Nay: None.

Absent: Mr. Hamilton, Mr. Stevens, and Mr. Strawman.

The chairman declared the resolution adopted.

MEN'S DORMITORY - FURNITURE. The Building and Business Committee reported that bids had been received on November 20, 1956, for furniture for the Men's Dormitory.

Upon the recommendation of the Building and Business Committee the contracts for furniture for the Men's Dormitory were awarded to the low bidders, as follows, with the understanding that if the samples of desks, beds, and springs to be submitted by Faucett-Umphrey Corporation do not comply with the specifications the contract for those items is to be awarded to the second low bidder, Carron Industries, Inc., at a price of \$62,749.05, subject to approval of samples:

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<u>Item</u>	<u>Low Bidder</u>	<u>Contract Price</u>
1 to 4, inclusive - desks beds and springs	Faucett-Umphrey Corporation	\$62,172.30
5 Chairs	L. B. Herbst Corporation	5,834.40
6 Mirrors	Karroll's, Inc.	2,495.00
7 Wastebaskets	Karroll's, Inc.	581.00
8 Mattresses	Younkers	11,512.80

INSURANCE - DORMITORY BUILDINGS AND CONTENTS. The Building and Business Committee reported that on December 7, 1956, bids were received and opened for fire and extended coverage insurance amounting to \$2,252,700 on dormitory buildings and contents for a five-year period, and that a contract had been awarded to the low bidder Holtz and Nairn (General Insurance Company of America) on the basis of a net annual premium of \$6,308.55. On motion the report was approved and the action ratified.

AMENDMENT TO LEASE AND MEMORANDUM OF AGREEMENT - NORTHWEST IOWA EXPERIMENTAL ASSOCIATION. The following Amendment Number 1 to Memorandum of Understanding between the Agricultural Experiment Station, Iowa State College of Agriculture and Mechanic Arts and the Northwest Iowa Experimental Association, covering the use of additional land for experimental purposes in O'Brien County, was submitted: (See Board minutes of March 9, 1956, and April 13, 1956.)

THIS AGREEMENT is made and entered into this 1st day of January, 1957, by and between the NORTHWEST IOWA EXPERIMENTAL ASSOCIATION, a corporation not for pecuniary profit, hereinafter called the ASSOCIATION and the IOWA STATE COLLEGE through its AGRICULTURAL EXPERIMENT STATION, hereinafter called the STATION.

W I T N E S S E T H

WHEREAS, the aforesaid Association and the Station entered into an Agreement effective March 1, 1956, involving cooperative research on a tract of land in Lyon County Iowa and

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WHEREAS, the Association has now acquired another tract of land in O'Brien County, Iowa and

WHEREAS, the Association and the Station desire to amend and supplement the original Agreement as follows:

NOW, THEREFORE, for and in consideration of the premises and mutual covenants herein contained, the parties hereto do agree with each other as follows:

Section I, paragraph B of the original agreement is hereby stricken and the following Paragraph B is substituted:

B. To and does hereby lease to the Station the following tract of land: Beginning at the NE Corner of Section 20, Township 98 North, Range 45 West, thence S 89°-23' W 1,343.4 feet, thence S 00°-01' E 596.5 feet, thence S 24°-36' E 93.1 feet, thence S 61°-37' E 119.0 feet, thence S 45°-25' E 91.9 feet, thence S 34°-32' E 79.1 feet, thence S 17°-06' E 70.4 feet, thence S 2°-53' W 80.8 feet, thence S 25°-54' E 33.9 feet, thence S 60°-52' E 41.0 feet, thence S 80°-12' E 90.1 feet, thence S 13°-08' W 287.4 feet, thence S 46°-30' E 78.9 feet, thence S 60°-28' E 98.3 feet, thence S 69°-17' E 96.7 feet, thence S 88°-15' E 108.8 feet, thence S 62°-06' E 34.0 feet, thence N 89°-23' E 626.1 feet, thence N 1,524.4 feet to the point of beginning, and containing 40.7 acres, more or less. Also known as Lot A of the NE $\frac{1}{4}$ of Section 20, Township 98 North, Range 45 West; for a period of ten years beginning March 1, 1956; and the North half of the Northwest quarter of Section 8, Township 94, Range 39 West in O'Brien County, Iowa for a period of ten years beginning March 1, 1957.

Section II, paragraph E is amended by striking the original and substituting the following:

E. To pay the Association a sum equivalent to insurance, legal, and publication costs as well as the taxes due and payable upon the properties - for each year said properties are operated by the Station. These payments shall be made on or before March 1, 1957, and on or before the 1st of March each year thereafter until the termination of this Agreement as Amended or its extension;

Section II, paragraph B, C and F, Section III, paragraph D and Section IV are hereby amended to make the word "tract" plural wherever it appears.

It was moved and seconded that the foregoing Amendment Number 1 to Memorandum of Understanding with the Northwest Iowa Experimental Association be approved, subject to approval by the Executive Council of Iowa, and on roll call the vote was as follows:

Aye: Mrs. Archie, Mr. Fredricksen, Mr. Hagemann, Mr. Plock, and Mr. Rider.

Nay: None.

Absent: Mr. Hamilton, Mr. Stevens, and Mr. Strawman.

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The chairman declared the motion passed.

ANKENY FARM - RESEARCH MILKING BARN. Upon the recommendation of the Building and Business Committee authority was granted for the construction, with Ankeny Farm labor, of a frame and concrete research milking barn 36' x 64', at an estimated cost of \$15,000, including equipment, to be paid from funds provided from United States Public Health Service Grant No. RG-4066 (C3S).

BLUFFS EXPERIMENTAL FARM - ADDITION TO SUPERINTENDENT'S HOME. Upon the recommendation of the Building and Business Committee authority was granted for the construction, using farm and other locally employed labor, of a 12' x 24' frame addition to the superintendent's house on the Bluffs Experimental Farm, at an estimated cost of \$2,700, to be paid from income accumulated from the operation of the farm.

STORAGE WAREHOUSES - REPORT. The Building and Business Committee reported that on November 9, 1956, a public hearing was held relative to the construction of storage warehouses, and that no objectors appeared and no objections had been filed; and that the Finance Committee reported it had investigated the question of duplication of space provided for book storage in the Storage Warehouses and in the proposed Memorial Union Addition, and had approved of the awarding of the contract. (See Board minutes of November 1-2-3, 1956.) On motion, the report was accepted.

IOWA STATE COLLEGE PRESS BUILDING ADDITION - ACCEPTANCE. The Building and Business Committee reported that the Iowa State College Press Building Addition had been completed and accepted in accordance with the provisions of Chapter 573, 1954 Code of Iowa, by Iowa State College Press, Inc., and the report was accepted.

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FEES - HOME MANAGEMENT. Upon the recommendation of the Building and Business Committee the following fee schedule for Home Management 475 was approved, effective at the beginning of the 1957 Summer Quarter:

Total fee of \$80 for 6 weeks, consisting of \$30 for room rent and \$50 for board and incidentals. (In the case of married women who do not stay over night in the house the room rent will be \$15.) Room rent is payable in advance prior to pre-classification. Students who cancel reservations after pre-classification for winter, spring, or summer quarters, or after August 1 for fall quarter, will forfeit one-half the room rent. Bedding, linen, and towels are furnished. The above fees are in addition to the regular registration and non-resident fees.

REVISED LEASE - SITE FOR RESEARCH BUILDING (5TH WING TO CHEMISTRY BUILDING).

Secretary Dancer reported that on November 19, 1956, the Executive Council of Iowa approved the action taken by the State Board of Regents on November 3, 1956, approving Modification No. 1, Supplemental Agreement No. 1, to Lease No. W-25-075-eng-9170, with the United States of America, Lessee.

INDEPENDENT SCHOOL DISTRICT OF AMES - EXCHANGE OF LAND. Mr. Hagemann stated that the Business Manager of the Iowa State College had reported to the Building and Business Committee that he is negotiating with the Independent School District of Ames regarding an exchange of land, as requested by the School District. (See Board minutes of November 3, 1956.)

DEED - SITE - FEDERAL ANIMAL DISEASE LABORATORY. Secretary Dancer reported that on December 12, 1956, the Executive Council of Iowa approved by resolution the action taken on September 21, 1956, by the State Board of Regents authorizing the transfer by appropriate instrument to the United States of America certain described land on which to erect and construct a Federal Animal Disease Laboratory. (See Board minutes of September 20-21, 1956.)

1956-1957 BUDGET - INCREASE FOR EQUIPMENT. Upon the recommendation of the Building and Business Committee the action taken on November 3, 1956, as shown

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on pages 153 and 154, increasing the budget allocation for equipment was rescinded and, in lieu thereof, the following action was substituted:

Upon the recommendation of the Building and Business Committee the amounts allocated for equipment for the year 1956-1957 were increased as follows:

Instruction and Administration

From Operating Balances, 1955-56	\$ 93,126.27
From Salary Savings to November 1, 1956(1956-57 Budget)	40,000.00
Total Additions	<u>\$ 133,126.27</u>
Equipment as Budgeted 1956-57	150,000.00
Total Revised Budget for Equipment	<u>\$ 283,126.27</u>
Less Budget Ceiling	<u>249,000.00</u>
Budget Increase for Equipment (Instruction and Administration)	\$ 34,126.27

Research

From Operating Balances, 1955-56	\$ 29,978.42
Less: Allocated to Statistical Laboratory Salaries \$ 8,700.00	
Re-Allocated to Veterinary Research Equipment Fund	<u>36.85</u>
	<u>8,736.85</u>
Budget Increase for Equipment (Research)	\$ 21,241.57

Since funds for the above increases in ceilings for equipment expenditures are available from savings and balances within approved budgets, they will not increase the budget ceiling. The State Comptroller is to be notified of these budget increases in accordance with the provisions of Section 12, Chapter 4, 56th General Assembly.

LINCOLN WAY WIDENING. On November 6, 1956, Joseph P. Lawlor, Mayor of the City of Ames, Iowa, wrote to each member of the State Board of Regents, each member of the State Highway Commission, and President Hilton of the Iowa State College, as follows, regarding the widening of U. S. Highway #30 (Lincoln Way): (See Board minutes of September 20-21, 1956.)

"During the past 21 months, thousands of man hours have been spent in trying to work out a satisfactory plan for the elimination of the nationally known bottle-neck extending through the west half of Ames. This highway adjoins much state-owned property.

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"It has been considered proper to develop a plan that would receive the approval of the following:

State Highway Commission
Federal Public Roads Administration
Story County Commissioners
Iowa State College
City of Ames

"The following detailed information is attached:

Progress report from the Ames City Manager to the Ames City Council
Status report to the Lincoln Way Committee
Highway Widening Plan

"For the past several months this plan has been lying on the table. It has received the approval of all concerned, except Iowa State College.

"It seems that the primary objection of Iowa State College is that it considers the highway too elaborate and is not to the best interest of the college. Others do not share that opinion. The advantages of this much needed improvement far out-weigh the objections raised by Iowa State College.

"The City has always taken the stand that it would accept whatever plan was considered best by those authorized to prepare road plans; namely, the Bureau of Public Roads and State Highway Commission. It is suggested that Iowa State College also agree to accept plans as recommended by the Iowa State Highway Commission and the Bureau of Public Roads.

"In the name of progress and safety it is urged that you lend your support toward getting this project activated promptly."

President Hilton made a brief report explaining that the letters referred to were written before the requests were made to widen the areas at Beech and Welch.

ADJOURNMENT. The meeting adjourned at 3 p.m., December 14, 1956.

David A. Dancer
David A. Dancer, Secretary