

The State Board of Regents met at Iowa School for the Deaf on Wednesday, October 19, and Thursday, October 20, 1983. Those present were:

	<u>October 19</u>	<u>October 20</u>
<b>Members of the State Board of Regents:</b>		
Mr. Brownlee, President	All Sessions	All Sessions
Mrs. Anderson	All Sessions	All Sessions
Mr. Duchen	All Sessions	Excused
Dr. Harris	All Sessions	All Sessions
Mrs. Jorgensen	All Sessions	All Sessions
Mr. McDonald	All Sessions	All Sessions
Mrs. Murphy	All Sessions	All Sessions
Mr. Neu	All Sessions	All Sessions
<b>Office of the State Board of Regents:</b>		
Executive Secretary Richey	All Sessions	All Sessions
Director Barak	Excused	Excused
Director Gross	All Sessions	All Sessions
Director Wright	All Sessions	All Sessions
Assoc. Dir. McMurray	All Sessions	All Sessions
Assoc. Dir. Sonnenschein	All Sessions	All Sessions
Assoc. Dir. Volm	All Sessions	All Sessions
Asst. Dir. Stanley	All Sessions	All Sessions
Ms. Peters, Secretary	All Sessions	All Sessions
<b>State University of Iowa:</b>		
President Freedman	All Sessions	Exc. 10:51 a.m.
Vice President Bezanson	All Sessions	Exc. 10:51 a.m.
Vice President Hubbard	All Sessions	All Sessions
Vice President Remington	All Sessions	Exc. 10:51 a.m.
Assoc. Vice President Small	All Sessions	Exc. 10:51 a.m.
Acting Assoc. Vice President Mahon	All Sessions	Exc. 10:51 a.m.
Assistant to President Mears	All Sessions	Exc. 10:51 a.m.
Director Jensen	All Sessions	Exc. 10:51 a.m.
<b>Iowa State University:</b>		
President Parks	All Sessions	Exc. 11:12 a.m.
Vice President Christensen	All Sessions	Exc. 11:12 a.m.
Vice President Hamilton	All Sessions	Exc. 11:12 a.m.
Vice President Moore	All Sessions	Exc. 11:12 a.m.
Assoc. Vice President Madden	All Sessions	Exc. 11:12 a.m.
Assistant to President Crawford	All Sessions	Exc. 11:12 a.m.
<b>University of Northern Iowa:</b>		
President Curris	All Sessions	Exc. 10:56 a.m.
Provost Martin	All Sessions	Exc. 10:56 a.m.
Director Stinchfield	All Sessions	Exc. 10:56 a.m.
Director Kelly	All Sessions	Exc. 10:56 a.m.
<b>Iowa School for the Deaf:</b>		
Superintendent Giangreco	All Sessions	All Sessions
Business Manager Kuehnhold	All Sessions	All Sessions
<b>Iowa Braille and Sight Saving School:</b>		
Superintendent DeMott	All Sessions	Exc. 10:58 a.m.
Business Manager Berry	All Sessions	Exc. 10:58 a.m.

Dr. Harris asked about the current situation with regard to counselors. Dr. Giangreco said all are able to use sign language because each new staff member receives intensive training. Within the last few years, the elementary counselor ratio has gone from 15-20 to 1 down to 5-6 to 1. For the older girls, the ratio is 10-12 to 1. In the boys' area it is still 15 to 1. He noted that the school is getting better prepared houseparents than in the past although salaries are still low.

In answer to questions from Regent Duchen, Dr. Giangreco said there are from 15 to 20 students that need special services for emotional needs. ISD works closely with the Boys Town Center in this regard, but it is an area that requires much time and attention.

Board members questioned Dr. Giangreco about the recent newspaper article stating that there were improprieties at ISD. He commented that he had not known about the charges before they were published. He would have been able to explain had he been given an opportunity.

For example, the article said the school had full laundry facilities yet sent its laundry out. Dr. Giangreco said there were several washers and dryers kept for emergencies, and students were allowed to use these as part of their life skills training. However, it had been found to be more economical to send the bulk of the laundry to Glenwood State School. This cost \$12,000 annually and it had allowed ISD to reduce its laundry staff from 5 to 2 persons. Through an arrangement with the Department of Social Services, the residents of Glenwood who actually did the laundry were able to keep the money earned. The plan was not only economical for ISD but a fine example of interagency cooperation.

Referring to another complaint concerning an excess of computers, Dr. Giangreco noted that one of the reasons some ISD students have done so well in mainstreaming and in further training was because they were able to work with computers while students here. The school considered computers to be an important part of its instructional program.

Regent Anderson noted that it was unfortunate that members of the press were not in the room for this part of the meeting to hear these explanations.

Mr. Devine said students and parents had been upset about the newspaper article. Students in particular were concerned and puzzled. Parents had called to express their support for the school. Dr. Giangreco said he had also received much support from the Board Office in this matter.

APPROVAL OF MINUTES. The minutes of the September 14-15, 1983, board meeting were approved as distributed by general consent of the board. President Brownlee stated that any additions or nonsubstantive changes could be turned in to the secretary.

ANNUAL REPORT ON ENROLLMENTS, PART I. It was recommended that the board receive part I of the annual enrollment report.

## GENERAL

The following business pertaining to general or miscellaneous items was transacted on Wednesday, October 19, 1983.

The meeting began with an informal presentation by Superintendent Giangreco. He told board members that in spite of statements in a recent newspaper article, the school was progressing very well. He introduced staff members present: Norman Devine, Assistant Superintendent; Walter Hines, High School Principal; Ramona Crookham, Upper Elementary Principal; and Brenda Reelfs, Lower Elementary Principal.

Dr. Giangreco said the enrollment drop was not as severe as anticipated, because there is a dramatic growth in young child enrollment. In answer to questions from board members, Dr. Giangreco explained that it was not known what caused this increase. There is speculation that some medications currently in use may cause deafness if taken by pregnant women. It is possible that the increase is a matter of better detection. There is now technology which can detect deafness at birth. One reason so many young children have enrolled at ISD is because parents become informed about the ISD program through the Parent/Infant Workshops.

Dr. Giangreco said that in spite of the decline in enrollment, there is no surplus of staff and space. In fact, the area for young children is somewhat crowded. Ms. Reelfs told the board that with the Individual Education Plans, parents are involved and are demanding more services. The school is trying to meet these requests.

Dr. Giangreco said there recently had been a meeting of Area Education Directors at ISD. This was the first time these directors had ever visited the school. Regent Anderson noted that these were the people that counseled parents on placement for deaf children. Mr. Hines said it was obvious from comments made by the directors that they were favorably impressed with the program at ISD.

Dr. Harris asked how well mainstreaming was working. He knew it could work in a large community, but asked what was happening to students in small communities. Dr. Giangreco said most of those students were at ISD. As to whether it was working, he said it depended on the student. ISD had some very successful examples, although it did not work in every instance. Concurrently, he felt it was an enriching experience for faculty at Lewis Central who worked with the ISD students. Many have learned sign language. He said the ISD/Lewis Central mainstreaming program is a model across the nation. Dr. Giangreco added that within ISD, students who are multiply handicapped are mainstreamed into regular ISD classes.

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The Board Office reported that the total fall headcount enrollment at the three Regent universities again increased, from 64,034 students in fall 1982 to 66,823 in fall 1983. As shown in the following table, increases in headcount enrollments were reported by each of the universities.

	<u>1982</u>	<u>1983</u>	<u>Change</u>	<u>Percent Change</u>
SUI	28,140	29,599	+1,459	+5.2%
ISU	24,906	26,020	+1,114	+4.5%
UNI	10,988	11,204	+ 216	+2.0%
TOTAL	64,034	66,823	+2,789	+4.4%

An analysis of resident and nonresident enrollments, in comparison with those reported for fall 1982, indicates an increased proportion of non-residents at each of the universities, as shown in the table below:

	FALL 1982				FALL 1983			
	Undergrad. Nonresident		Total Nonresident		Undergrad. Nonresident		Total Nonresident	
	Number	% of UG	Number	% of Total	Number	% of UG	Number	% of Total
SUI	4,997	24.6	7,942	28.2	5,553	26.0	8,696	29.4
ISU	5,195	24.9	7,231	29.0	5,708	26.3	7,851	30.2
UNI	335	3.4	407	3.7	356	3.5	443	4.0
TOTAL	10,527	20.6	15,580	24.3	11,617	21.8	16,990	25.4

Change in Nonresident Enrollment  
Fall 1982 - Fall 1983

	Undergraduate		Total Headcount	
	Number	% Change	Number	% Change
SUI	+556	+11.1	+754	+9.5
ISU	+513	+ 9.9	+619	+8.6
UNI	+ 21	+ 6.3	+ 36	+8.8
TOTAL	+1,090	+10.4	+1,410	+9.1

At the University of Iowa, undergraduate enrollments increased by 5.4 percent with the largest percentage increases in the junior (+8.9 percent) and senior (+6.8 percent) classes. Freshman and sophomore enrollments increased by 4.3 and 3.6 percent, and graduate enrollment rose by 5.8 percent. Professional enrollment declined by 0.6 percent. In all except the senior class, the largest enrollment increases, both in terms of

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number and percents, were in nonresident students. In the freshman class the residents increased by 58, or 1.4 percent over 1982-83; the number of nonresidents increased by 191, or 11.6 percent. For total undergraduate enrollments, the number of resident students increased by 3.6 percent while the number of nonresidents increased by 11.1 percent. Further analysis of trends of resident/nonresident enrollments will be presented in the second report on enrollments.

At Iowa State University, undergraduate enrollments increased by 4.2 percent, graduate enrollments increased by 6.9 percent, and professional enrollments declined by 0.8 percent. The largest undergraduate increases at Iowa State also were in the junior (+5.4 percent) and senior (+9.0 percent) classes. As at SUI, the largest increases, except in the number of seniors and graduate students, have been in nonresident students. The number of nonresident freshmen increased by 174 (+9.9%) while the number of resident freshmen dropped by 156 (-3.4 percent). The total undergraduate enrollment of nonresidents increased by 513 (+9.9 percent) and that of residents increased by 358 (+2.3 percent).

At the University of Northern Iowa, undergraduate enrollments increased by 1.9 percent and graduate enrollments increased by 2.4 percent. However, the sizes of the freshman and junior classes declined by -1.7 percent and -2.1 percent. The sophomore and senior classes increased by 4.5 and 7.7 percent. The numbers of nonresident students at the University of Northern Iowa are relatively small, but increased at a faster rate than did those of residents. The total undergraduate enrollment of nonresidents increased by 21 (6.3 percent) and that of graduates by 15 (20.8 percent). Comparable increases for residents were 170 (1.8 percent) for undergraduates and 10 (1.0 percent) for graduates.

Total Regent university enrollments changed since 1982-83 by the following amounts: freshman, +1.4 percent; sophomore, +3.2 percent; junior, +5.5 percent; senior, +7.9 percent; graduate, +5.9 percent; and professional, -0.7 percent. Total undergraduate enrollments increased by 4.2 percent.

The Board Office compared changes in full-time equivalent (FTE) enrollment and changes in headcount. From 1982-83 to 1983-84, proportional changes in headcount were greater than those for FTE at each of the universities, indicating relatively larger numbers of part-time students (or students carrying fewer credit hours). Full-time equivalent enrollments did continue to increase: by 4.4 percent at the University of Iowa, 3.5 percent at Iowa State University, and 0.8 percent at the University of Northern Iowa.

Enrollment at the Iowa School for the Deaf decreased from its 1982-83 level to 257 and includes the last of the "large" classes resulting, in part, from the Rubella epidemic of the 1960s. Enrollments increased in the lowest grades, and sophomore and junior enrollments remain strong. The school previously indicated that the general downward trend of enrollments since 1971 has been the result of efforts to control Rubella since the last epidemic and of mainstreaming efforts since the implementation of Public Law 142.

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Enrollment at the Iowa Braille and Sight Saving School also declined since fall 1982, with a 1983 headcount of 66 students. Ten of these are identified as deaf/blind students. The school previously had indicated that enrollment declines are due, in part, to success in returning students to local public school programs or other appropriate placements.

President Brownlee asked if there was an explanation for the large increase in the junior and senior classes at the universities. Vice President Remington said in the last few years there have been large increases in enrollment at the University of Iowa. He believed this indicated that the university is approaching the top of that enrollment increase. As the increase moves through the classes, each subsequent class becomes larger. He noted that the freshman enrollment is somewhat lower. He told board members that there has been no major change in the number of community college transfers. As admission requirements are changed in 1985 this may be affected, because some students that cannot qualify for admission to the universities after graduating from high school may be able to do so after two years of college.

Vice President Christensen noted that another reason for the large number of juniors and seniors is that the universities are working harder on retention.

Regent McDonald asked why nonresident enrollments are increasing at a higher rate than resident enrollments. Vice President Remington said the universities have attempted to analyze this. He believed there were many reasons including costs, caps on enrollments in adjoining states and, he believed, program attractiveness at the Iowa institutions. In answer to a question from Regent Jorgensen, Dr. Remington said that admission requirements are higher for nonresident than resident students. When admission requirements are raised for all students, these requirements will continue to be more stringent for nonresident students.

Regent Anderson asked if there was information on how many Iowa students attended public institutions in other states. Ms. Stanley said that while current figures were not available, information from a few years ago indicated a slightly higher in-migration, but not a large difference.

MOTION: President Brownlee stated that the annual report on enrollments, part I, was received by general consent of the board.

PROPOSED TUITION RATES FOR 1984-85. It was recommended:

1. That the Board of Regents approve the tuition recommendations (as noted on the next page) to be effective with the summer session 1984; and
2. That student aid be increased by the same percentage as the increase in tuition rates, and that the remainder be directed to the improvement of instruction.

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Recommended tuition rates:

	<u>1983-84</u>		<u>1984-85</u>	
	<u>Resident</u>	<u>Nonresident</u>	<u>Resident</u>	<u>Nonresident</u>
<b>UNIVERSITY OF IOWA</b>				
Undergraduate	\$1104	\$2750	\$1242	\$3450
Graduate	1280	2984	1472	3600
Medical	3410	6820	3920	8520
Dental	2450	5330	2820	6660
Law	1384	3410	1600	4270
Pharm. D.	1384	3410	1600	4270
<b>IOWA STATE UNIVERSITY</b>				
Undergraduate	1104	2750	1242	3450
Graduate	1280	2984	1472	3600
Veterinary Medicine	2450	5120	2820	6400
<b>UNIVERSITY OF NORTHERN IOWA</b>				
Undergraduate	1050	2174	1184	2700
Graduate	1140	2484	1320	2980

The Board Office had presented to the board in September a report that indicated that tuition rates for both resident and nonresident students at the Regent universities are well below the average tuition rates for comparable institutions in the region. Concurrent review of the budgets of the universities showed a critical need for additional funds to maintain and improve the excellence and vitality of their educational programs.

The immediate need for additional funds to improve the educational programs of the universities was the primary consideration as the recommendation was developed. Equally important was the goal of maintaining access to these institutions for financially needy students. The fact that an extraordinary increase in tuition could be adopted and still maintain below average rates as compared to similar institutions within the region was a major factor. The proposed use of these funds together with supplemental appropriations should result in substantial improvement in Regent educational programs.

Tuition rates were recommended for fiscal year 1985 that will produce a net increase of \$8.5 million in general university funds beyond the tuition income already budgeted, after setting aside \$2.1 million designated for student aid. The \$2.1 million is a 17.4 percent increase in student aid.

The recommended rates will yield a 17.4 percent increase in total tuition income to the general educational funds in fiscal year 1985. The plan is based on a 12.5 percent increase in undergraduate rates and a 25 percent increase in rates for nonresident undergraduate students. These percentage rates vary slightly for the University of Northern Iowa because of its lower rate base and the desire to avoid widening the dollar gap any more than necessary between resident tuitions at the University of Northern Iowa and those of Iowa State and the University of Iowa.

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The proposal would increase resident graduate and professional student rates by 15 percent. Rates for nonresident graduate students would go up 20 percent while those for nonresident students in the professional colleges would go up 25 percent. The recommended increase for nonresident graduate students is lower because of the highly competitive market for the best graduate students and the need to attract those students to maintain the quality of Regent graduate programs.

The Board Office noted that despite the recommended increases, Iowa's three state universities will continue to maintain their below average ranking for tuition rates charged by comparable institutions within the eleven-state area.

The total increase in tuition income, assuming the recommended rates, amounts to \$15.4 million. Total tuition income for fiscal year 1985 would be \$103.3 million. The increase of \$15.4 million includes \$4.8 million already included in the budgets for FY 1985 submitted a year ago based on an average tuition increase of 7 percent, the \$2.1 million set aside for student financial aid, and the \$8.5 million recommended for faculty and professional employees vitality and quality. The net additional income to be generated is as follows:

SUI	\$4.071m
ISU	3.949m
UNI	.484m
Total	<u>\$8.504m</u>

It was estimated that the recommended tuition rates would result in 27 percent of general university budgets being met through tuition income for FY 1985. Tuition income was expected to meet about 26 percent of those expenses in FY 1984.

The additional \$2.1 million in student aid will maintain the present ratio of student aid set-aside to total tuition income. This will provide \$13.8 million in student aid which is 13.3 percent of the \$103.3 million expected tuition income for FY 1985. This is in addition to the \$100,000 recommendation by the Governor for additional financial aid for ISU.

The Board Office and the institutions, after careful review, believed that the full vitality fund request could be met by income generated from the recommended tuition rates and other income sources such as sales and services. This recommendation assumed that the vitality fund would not be used to provide across-the-board salary increases, but salary adjustments based upon merit and competitive conditions. The tuition income could be used only to fund salaries of the general university. As a result, salary adjustments for these units could be financed from the additional tuition income at the level envisioned in the original vitality request. The adjustments for the other units could be financed out of income sources available to those units. A review of user fees and other sources of financing will be examined by university administrations to ensure comparable treatment for these personnel. The Board Office recommendation assumed that vitality funds would be provided to each institution in the same relationship as the net additional tuition income generated, as noted in the table above.

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At the September board meeting a question was raised regarding the total charges (i.e., room, board, and tuition) for students at the Regent universities in comparison with the 11 or 12 state area. The most complete information available was for the academic year 1982-83. When room and board charges are added to the tuition costs for each of the comparison universities, the University of Iowa ranks sixth in undergraduate resident and nonresident charges. Iowa State University ranks sixth for undergraduate resident charges and eighth for undergraduate nonresident charges in its comparison group. The University of Northern Iowa ranks eleventh for undergraduate resident charges and twelfth for undergraduate nonresident charges. These room, board, and tuition charges place the University of Iowa and Iowa State University three positions higher in the rank order of charges than the tuition only comparison. The University of Northern Iowa is in the same position in either comparison.

To include consideration of variations in the cost of living in different academic communities, estimates of total student budgets may be compared. Published 1982-83 data for total student budgets, which include undergraduate tuition and fees, books and supplies, room and board, transportation, and other expenses, indicate that the University of Iowa again ranks sixth for undergraduate resident students. Iowa State University drops to ninth in total student charges, and the University of Northern Iowa ranks somewhat higher than in other comparisons, at ninth.

In response to points raised by students at the September meeting, the Board Office reported that researchers have studied the question of the relationship between tuition rate increases and enrollment from a variety of approaches. However, to date the answer remains an elusive one. Econometric models have been developed and large samples of data have been collected, yet the results vary so widely from study to study that it is impossible to place much confidence in any single figure. The Board Office noted that many factors affect decisions regarding college attendance other than tuition increases. Thus, it is almost impossible to isolate the effect a tuition increase has on attendance.

At the September board meeting there was some discussion regarding the institutions used in all of the tuition and room and board comparisons. This comparison group is the same one that the Regents have been using for a number of years with respect to faculty salary, tuition, and other issues.

The Board Office noted that the Regent comparison group has been developed on the basis of numerous similarities between the Regent universities and universities in a socioeconomically similar geographical area. These similar characteristics have been confirmed by various classification schemes developed by research scholars at the national level. The various classification schemes are based on key characteristics and functions of universities which have been combined to form a composite ranking of institutions. While comparison can be made with other institutions in the eleven/twelve states, the Board Office feels that the Regent comparison groups are reasonable and defensible and have served this purpose for a number of years for a variety of purposes. The credibility of using comparison groups would be eroded by the adoption of different comparison groups for various purposes, solely for the purpose of showing the comparative advantage or disadvantage of the Regent institutions' standings.

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At the September board meeting, student representatives said that comparisons can be made with other institutions in the eleven and twelve states used in the Regent comparisons which showed Regent tuition rates to be comparatively higher. However, the Board Office did not feel that these other institutions are as comparable with the Regent institutions as the Regent comparison group for the reasons noted above.

Mr. Gross presented a brief overview of budgetary needs, explaining how these needs are related to the tuition request.

President Brownlee asked the university presidents to introduce student representatives attending the meeting. President Parks presented from the Government of the Student Body: Elaine Clark, president; Mike Keller, vice president; and Dave Eberhardt, senator.

Ms. Clark began by reading a letter from a student at Iowa State University which stated in part, ". . . I am furious . . . no way I can pay. I am struggling the way it is . . ." She noted that she had a petition signed by 1,000 students which said students should not have to shoulder the entire burden of the increased budgetary needs. Ms. Clark was concerned that the tuition increase would be a means of limiting enrollment, and felt any such limits should be academic rather than economic. However, students were aware of the need to keep quality faculty and they knew some increase in tuition was needed. Ms. Clark proposed that the increase be phased in over the next two years. This would be much more reasonable in terms of students' ability to pay.

Mr. Keller thought the problems the increase would cause for students were downplayed by the Board Office memorandum. He felt there was indeed a relationship between tuition increases and enrollment declines, in spite of the Board Office position that such data was inconclusive. Mr. Keller pointed out that even without the increase students were paying a high percentage of the cost of education. He did not think students should have to absorb more of this cost. He noted that there was a trade-off between financially strapped faculty and financially strapped students. Like Ms. Clark, he realized there was a need for increased vitality funding and agreed with her that phasing in the increase gradually would allow students and parents to plan and adjust to the increase, enabling more to remain in school.

Mr. Eberhardt also agreed with the need to spread out the increase over a longer period. He urged board members, if they really want to help improve the quality of education for students, to use some of the vitality fund that would be raised by the increase in tuition to hire new instructors rather than increasing the salaries of existing faculty who are already financially secure. He felt that some of the findings concerning the 11-state comparison groups seemed rather vague. He asked for a breakdown of figures for appropriations/tuition in funding the cost of instruction for the comparison group.

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President Curris said that James Hessburg, president of the UNI Student Association, had been unable to attend the September meeting because of an emergency appendectomy. Now, while on his way to the meeting, his car had broken down. Mr. Hessburg had dictated a statement over the telephone which was read to the board by Chris Morton. Mr. Hessburg said Iowa should not set its standards by other states but look at the problems unique to Iowa. The economy of Iowa is different from that of other states. Iowa ranks below the national average in per capita income. This must be taken into account in setting tuitions. Mr. Hessburg noted that there have been recent pressures to bring the cost of public education in line with private education. He urged caution in basing increases on this premise. Mr. Hessburgh presented figures which indicated that the proposed set-aside for student aid would not in fact provide an adequate increase in funds for needy students. He pointed out that the proposed funding for faculty vitality would not benefit UNI. He concluded by saying that a business would streamline operations before it raised the price of its product. He urged the Regents to adopt similar methods.

Vice President Hubbard introduced students from the University of Iowa: from the Collegiate Association were Sharon McMulin and Tom Palmer, president and vice president; and the Student Senate was represented by Gerard Ng.

Mr. Palmer said the two key words were quality and accessibility. The size of the proposed tuition increase could seriously affect both. Students are pleased that the increase is centered on faculty salaries, but the differential between in-state and out-of-state increases is too great, and would affect quality. Twenty percent of SUI graduate students are foreigners. These individuals are responsible for a lot of teaching and research. With this increase, these numbers could be depleted, and the quality of education will suffer. The in-state students at the university are primarily white and middle class. The percentage of Blacks at SUI is the lowest in the Big 10. Because there are not a large number of in-state minority students, these students have to come from out of state. Without this diversity, the quality of education suffers.

Mr. Ng expressed the effects the increase of 25 percent would have on the foreign community at SUI. He noted that the increase would be \$700. In his own case, because of the difference in currencies and the exchange rates, the increase would amount to over \$1600 that his parents would have to provide to keep him in school. The long-term effect of the proposed increase would be to reduce the foreign student contingent at the university. Out of 1,000 foreign students, 928 are graduate students. Most are concentrated in the business and engineering colleges. Much teaching and research are done by these graduate students. Mr. Ng asked the Regents to consider what would happen if these students were no longer able to attend Iowa universities. He urged that the board either phase in the increase over a period of two or more years, or else exclude foreign students already enrolled at the university from the increase, applying it only to newly enrolled foreign students.

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Ms. McMulin said students were pleased that many of the concerns expressed at the September meeting had been addressed by the Board Office, and were pleased that funds to maintain accessibility and improve instruction were provided in the recommendation. Students share the concern for faculty vitality, as indicated by the fact that SUI students allocated \$32,000 in fee money for this purpose. Ms. McMulin felt there were some inconsistencies in the Board Office recommendations. She noted that nonresident graduate tuition was being raised 20 instead of 25 percent in order to remain competitive in attracting graduate students. Ms. McMulin felt that if the Regents are competing for students, they should keep tuition low, and if they are not competing, why compare to other institutions? While students are appreciative that additional money would be set aside for student aid, this was still just maintenance funding; no actual improvement would ensue. Students, however, recognized that an increase in faculty compensation was necessary. Ms. McMulin proposed a 10 percent across-the-board tuition increase, which she believed would provide adequate funding for this purpose, and urged the board to consider this instead of the Board Office recommendation.

Chris Morton, executive director of United Students of Iowa, Inc., concluded the presentations. He felt the proposed increases did not observe the "Principles and Guidelines" as explained in last month's report. He said students are particularly concerned about the truly needy students. These are the ones that will have to drop out because of a tuition increase.

Regent Harris asked the Board Office to respond to the proposed 10 percent across the board increase. Mr. Richey said it would yield \$9.2 million. After deducting the \$4.8 million already budgeted and the \$2.1 for student aid, there would not be an adequate amount for the vitality fund. Regent Anderson asked for figures if the increase were 10 percent for resident students and 20 percent for nonresident students. Mr. Richey said that after setting aside the amounts noted above, this would yield a net of \$5.6 million, contrasting to \$8.5 million as in the Board Office recommendation.

Regent Murphy noted the many expressions of concern about declining enrollment if tuition increased. She asked if figures supported this. Mr. Richey said that in 1981-82 there were increases in undergraduate nonresident tuition ranging from 24.3 to 27.4 percent at the Regent universities. Despite allegations made at that time about the magnitude of the increase, nonresident enrollments grew 16.8 percent at SUI, 7.7 percent at ISU, and 4.8 percent at UNI (11.7 percent overall).

Regent Anderson asked if it would be possible for the board to approve the 10-20 percent amount she proposed and add the remainder needed to a minimum increase next year. Mr. Richey reiterated that the critical factors are the vitality request and improvement in the quality of instruction, which are all tied together in this recommendation. If the vitality fund is not given the recommended \$8.5 million, he believed there would be further adjustments necessary next year which might be even higher than the 10-20 percent. Next year the vitality request probably could not be kept at the level of \$8.5 million because some of the opportunities present

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now would not be present a year hence. In addition, he reminded board members of the uncertainty of the needs of the institutions which could face the board next year and which would take funds away from the improvement of quality.

Regent Anderson asked if the Board Office believed it politically not viable to request additional funding from the legislature to make up the \$3 million difference between her suggestion and the Board Office recommendation. Mr. Richey said that with the proposed supplemental appropriations and capital request and the Governor's recommendations, the state would be committed to new appropriations of \$18 million. He felt it would be unwise to add to that amount.

Regent McDonald asked if, in the event the board adopted the recommended tuition increase, there was any forecast of what the needs might be in the next year for tuition increases. Mr. Richey said there was not; it will depend on budgetary factors at that time. President Brownlee noted that it would depend necessarily on actions of the Legislature.

Regent Jorgensen noted that board members had received material from students protesting the holding of this meeting at Council Bluffs. She requested that in the future the October meeting be held at a location closer to the students.

Regent Jorgensen said there is no question that tuition increases are difficult to make. She hoped all students realized that board members agonize over this individually. Board members know this is a matter that affects students and families. Regent Jorgensen said she currently is the parent of several students enrolled in state universities. It would be easiest for her to say "no increase." She wouldn't have to come up with the extra dollars personally and wouldn't displease students, but she didn't think that right. She sees overcrowded classrooms and closed classes. She noted that it sometimes takes students 5 years instead of 4 to complete their program. In her view it was false economy to keep tuition down if raising tuition would allow for enough sections and instructors for students to graduate in 4 years. For that and other reasons, although difficult, she supported the recommended increase. She felt it would answer critical needs.

President Brownlee felt the Board Office proposal answered as best it can the concerns of the board to maintain accessibility for all students. It might not do as much as the board wishes but is the best it can do with limited resources. The Governor of Iowa, while expressing no opinion on what tuition should be, had told President Brownlee that his first priority in any tuition increase is a sizable student aid fund. This had been addressed in the recommended action. Mr. Richey said he had been informed by the institutions that this recommendation would maintain the same or greater number of students on an aid basis relative to higher tuition rates as the institutions now have.

Regent Harris said that while obvious that none of the board members wanted to increase tuition, it was obvious to all that increasing tuition

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was a necessity. He had looked at the proposed figures and believed that the recommended increase was justifiable based on the information provided to the board.

MOTION:

Dr. Harris moved (1) that the board approve the tuition recommendations as noted above to be effective with the summer session 1984; and (2) that student aid be increased by the same percentage as the increase in tuition rates, and that the remainder be directed to the improvement of instruction. Mrs. Jorgensen seconded the motion.

Regent Duchen stated that the policy of the board has to be that it go to the General Assembly and get all the revenue it can get. He had said this before. The institutions need money. They can't run without revenue. The Governor has to understand that is the way the board feels about this.

Regent Neu said that, having been involved on both sides of getting money, he knew this was easy to say but difficult in fact. Some of the board members have tried hard over the years. He was sure they would try hard again. There are a lot of competing interests for state funding. It is particularly difficult when there is no money. This board and its predecessors and the Board Office have worked very hard to get funding. There are reasons beyond the economy that funding has not been obtained, but it is not for lack of trying.

Regent Neu said that he supported Regent Harris's motion. He was satisfied with the comparison groups used by the Regents and he believed that after the increase the Regent institutions would not be out of line on tuition costs. However, one of the things that disturbed him was that in engineering at SUI and ISU a large proportion of teaching assistants are foreign students. He asked if the Regents could be reasonably certain they wouldn't be hurting themselves in this area by raising tuition this much. Vice President Christensen said there are still large numbers of foreign students anxious to come to Iowa and accept teaching assistantships. He guessed that this number would not decline but there is no way to know for sure.

Regent Anderson said she had come to the meeting hoping to take a different action. She was now convinced that the board had to approve this increase. However, her own support was with the understanding that the board, in considering a tuition increase next year, approve only what is required by inflation. She would have preferred to split this increase over a two-year period but she recognized the needs of the institutions that must be taken care of this year.

President Brownlee complimented the Board Office and the institutions for working so hard on this recommendation which in difficult times will benefit the institutions and make it possible to maintain and improve the quality of instruction.

VOTE ON MOTION:

The motion passed unanimously.

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SUPPLEMENTAL APPROPRIATIONS REQUEST FOR FISCAL YEAR 1985. It was recommended that the board adopt supplemental operations budget net appropriation requests of \$4.736 million for fiscal year 1985.

The Board of Regents received approximately \$22.2 million in net supplemental operational askings from the institutions (see September minutes).

The total operations budget legislative appropriations for FY 1984 total \$317.1 million. This was reduced by approximately \$8.8 million due to the 2.8 percent budget adjustment and \$1.2 million from revisions in state salary adjustment fund needs. This leaves an appropriation base for FY 1984 of \$307.1 million. The supplemental institutional asking of \$22.2 million thus represents an increase over this year's legislative appropriation level of 7 percent and a 7.2 percent hike over the FY 1984 appropriations after the budget cut.

For FY 1985, the Governor recommended \$343.5 million in appropriations for the Regents, including the \$23 million increase in salary adjustment funds already appropriated for that fiscal year. The Governor's FY 1985 recommendations represent an 8.3 percent increase from the FY 1984 legislative appropriation. The institutional askings involve a 6.7 percent increase over the Governor's present FY 1985 budget recommendations for the Regents.

The Board Office reported that after a careful review of institutional askings, it recommended that the Regents present a net \$13.151 million supplemental operations budget request to the Governor and the General Assembly. This recommendation would provide \$6.609 million in essential program adjustments; \$8.579 million for the vitality fund; and, consistent with the Comptroller's request to find ways to reduce the appropriation base, an appropriation reduction of \$1.948 million in the fuel and purchased electricity request. There is also an \$89,000 reduction for fuel associated with paying patient revenues at the University Hospitals. Institutional askings were pared back by approximately \$8.9 million, with the \$71,000 Specialized Child Health Services supplemental asking deferred until December.

The Board Office recommended that the income from the tuition rate change be used to fund the vitality fund request at the three general universities. The actual supplemental request for state appropriations then becomes \$4.736 million: vitality for the special schools and the essential program adjustments minus the reduction in askings for fuel and purchased electricity. Including the salary adjustment fund, this supplemental request, if approved by the Governor and the Legislature, would provide the Regents with \$348.2 million in state appropriations for FY 1985, a 1.4 percent increase over the Governor's current recommendations. The Board Office believes this is a modest supplemental request, given the substantial needs of the institutions.

The Board Office noted that these recommendations emphasize only the essential needs of the institutions to maintain and increase the excellence of instruction of students and the need to increase research activities at the institutions which are vital to the economic development goals of the state. In addition, the recommendations take account of the budget squeeze of the past three years which has prevented any substantial investment in new high technology equipment needed to provide for proper instruction and research.

STATE BOARD OF REGENTS  
 INSTITUTIONAL REQUESTS & BOARD OFFICE RECOMMENDATIONS  
 FY 1983-84 SUPPLEMENTAL EDUCATION & GENERAL APPROPRIATIONS  
 (000s Omitted)

EXPENDITURE BUDGET	1984-85	Board Office Recommendations			
	Governor's Budget Recommend. <sup>1/</sup> (1)	Vitality & Quality (2)	Net Essential Prog. Adjust. <sup>2/</sup> (3)	Net Fuel & Purch. Electr. <sup>3/</sup> (4)	Total Recommend. (5)
<u>University of Iowa</u>					
General University	\$ 173,144	\$ 4,071	\$3,040	\$ 653	\$ 7,764
Hospitals & Clinics	138,539		--	112	112
Psychiatric Hospital	8,513		--	(3)	(3)
Hygienic Laboratory	3,021		--	--	--
Hospital School	4,780		--	(40)	(40)
Oakdale Campus	2,931		27	(194)	(167)
<u>Subtotal - SUI</u>	<u>\$ 330,928</u>	<u>\$ 4,071</u>	<u>\$3,067</u>	<u>\$ 528</u>	<u>\$ 7,666</u>
<u>Iowa State University</u>					
General University	\$ 143,562	\$ 3,949	\$2,050	\$(1,770)	\$ 4,229
Experiment Station	14,586		389	--	389
Cooperative Extension	17,378		478	--	478
<u>Subtotal - ISU</u>	<u>\$ 175,526</u>	<u>\$ 3,949</u>	<u>\$2,917</u>	<u>\$(1,770)</u>	<u>\$ 5,096</u>
<u>University of Northern Iowa</u>	<u>\$ 51,681</u>	<u>\$ 484</u>	<u>\$ 518</u>	<u>\$( 692)</u>	<u>\$ 310</u>
<u>Iowa School for the Deaf</u>	<u>\$ 5,069</u>	<u>\$ 55</u>	<u>\$ 65</u>	<u>\$( 69)</u>	<u>\$ 51</u>
<u>Iowa Braille &amp; Sight Saving School</u>	<u>\$ 2,785</u>	<u>\$ 20</u>	<u>\$ 42</u>	<u>\$( 34)</u>	<u>\$ 28</u>
<u>TOTAL</u>	<u>\$ 565,989</u>	<u>\$ 8,579</u>	<u>\$6,609</u>	<u>\$(2,037)</u>	<u>\$13,151</u>
<u>INCOME BUDGET</u>					
Tuition & Fees	\$ 83,455	\$ 8,504	\$	\$ (89)	\$ 8,504
Other Institutional Income	138,985				(89)
Appropriations - General	318,495	75	6,609	(1,948)	4,736
Appropriations - Salary	25,054				
<u>TOTAL</u>	<u>\$ 565,989</u>	<u>\$ 8,579</u>	<u>\$6,609</u>	<u>\$(2,037)</u>	<u>\$13,151</u>

<sup>1/</sup>Includes Salary Adjustment Funds for both 1983-84 and 1984-85. Includes all fuel and purchased electricity but excludes centrally funded Northern Iowa Continuing Education and Quad Cities support.

<sup>2/</sup>The essential program adjustments already funded in the Governor's Budget Recommendations for 1984-85 are excluded.

<sup>3/</sup>Incorporates updated prices and consumption estimates. These have been netted against the Governor's Recommendations for 1984-85. The significant reduction is in part the result of legislative action reducing the Governor's Recommendations for 1983-84.

A summary of Board Office recommendations are shown in the following table:

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### The Vitality Fund

The Board Office and the institutions, after careful review, believe the vitality fund request can be met by income generated from the tuition rate change. (See discussion of tuition increase.) In combination with the 6.6 percent general state salary increase already anticipated for fiscal year 1985, this vitality fund recommendation should deal effectively with the faculty vitality and quality problem. A Board Office survey of salaries in the 11-state region has shown that the three state universities did make some progress in this area in fiscal year 1983. However, the salary freeze for the present fiscal year worsened the position of the institutions, since a number of competitive institutions provided significant increases for the present fiscal year. This vitality fund recommendation will provide sufficient funds for the universities to improve substantially their competitive positions in order to achieve the original goals of the institutional vitality fund request.

The additional tuition income cannot be used to fund the vitality recommendations at the two special schools. The Board Office said faculty and personnel competing with those at Iowa Braille and Sight Saving School received an average of 4-7 percent in salary increases during this fiscal year while IBSSS personnel are enduring a salary freeze. At the Iowa School for the Deaf, competitive personnel received approximately a 5 percent salary increase during this fiscal year. Therefore, it recommended that \$55,000 for ISD and \$20,000 for IBSSS institutional vitality and quality be recommended by the board for funding by the legislature.

### Fuel and Purchased Electricity

The institutions developed revised fuel and purchased electricity appropriations requests for fiscal year 1985 which resulted in asking for \$1 million less than that recommended by the Governor. The Board Office reviewed these requests and recommended for fuel and purchased electricity funding which will require \$1.9 million fewer state appropriation dollars than recommended by the Governor.

The institutions had requested funding based upon 10 percent price increases for all fuel types. The Board Office worked with state energy officials to develop price increase estimates based upon national and state energy price trends as well as price information specific to particular energy suppliers. As a result, the Board Office was able to lower the estimated price increases, which resulted in the additional \$1 million reduction below the Governor's original fuel and purchased electricity estimates.

In addition, the Board Office noted:

- The estimates include 20 cents MMBTU surcharge for utility repair. Approximately \$1.67 million would be generated through this surcharge. This will give the universities the funding necessary to provide essential utility repair needed to maintain their systems at operating efficiency.

- These recommendations assume no changes in federal emission standards.
- Iowa State University's fuel and purchased electricity budget includes a \$250,000 demand charge to be paid to the Ames Municipal Utility to be used to construct a utility tie line to the Mechanical Engineering Building. Total cost is estimated at \$1 million.
- The University of Iowa's fuel and purchased electricity budget requires an approximately half million dollar increase above the Governor's recommended levels, the result of increases in electrical prices due to revised demand charges made by Iowa Electric. In addition, the university is experiencing a rather rapid increase in electrical demand representing, to some extent, the increasing demand for electricity from sophisticated research equipment. The Board Office will review the management of electrical demand at the University of Iowa in the coming months.
- The expected savings from both the University of Northern Iowa and Iowa State University reflect substantial energy conservation efforts at those institutions as well as actual funding needs for those institutions in previous years.

Essential Program Adjustments

The institutions requested approximately \$8.7 million in essential program adjustments for FY 1985. The Board Office recommended \$6.584 million of this amount be requested by the board. These requests are in addition to the Governor's current recommendations for \$0.7 million in essential program adjustments.

University of Iowa. The university requested \$4.044 million in FY 1985 operation supplementals. The Board Office recommended \$3.067 million, as shown below:

	<u>Asking</u>	<u>Board Office Recommendations</u>
College of Medicine	\$2 Million	\$1.4 Million
Keeping Pace with Technology	1.640 Million	1.640 Million
New Medical Technology	.377 Million	-0-
Oakdale Connecting Link	<u>.027 Million</u>	<u>.027 Million</u>
Total	<u>\$4.044 Million</u>	<u>\$3.067 Million</u>

At the present time, the university has an unbalanced pattern of support among its three major sources of funding for the College of Medicine (see September minutes for further discussion of this item). The Board Office recommended \$1.4 million in supplemental funding for the College of Medicine for fiscal year 1985. In answer to questions from board members, Mr. Gross said this amount would enable the college to keep its proportion of support from the general fund at 25 percent; without this funding the proportion of support from the general fund would drop to 24 percent. President Freedman said a drop to 24 percent would require an even greater dependency upon the medical service plan, to the detriment of educational and research activities within the college. The Board Office recommendation would stabilize the state appropriation share of approximately 18 percent.

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The university asked for \$1.64 million as a start of funding to keep pace with technology. The university has estimated that it has approximately \$20 million in equipment needs due to rapid obsolescence, inadequate existing equipment budgets, and the rapidly changing nature of technology. The Board Office noted that essential equipment needs have not been met over the past three years of budget uncertainty. It recommended that the full \$1.64 million be requested by the board for state funding.

President Freedman said one of the university's goals is to increase the number of computers available to students. This funding proposal would increase the institutional computer base from one station per 65 students to an average of one station per 20 students. This would more closely reflect the national average for such access at similar institutions.

The University Hospitals and Clinics requested supplemental appropriations of \$377,000 to invest in new technology. Given the state's financial picture and the ability of University Hospitals to locate alternate funding sources for equipment financing, the Board Office recommended that the board not request this funding for fiscal year 1985.

The university requested \$27,000 to support the initial costs of placing the Oakdale Campus in the mainstream of the university's communication system. The Board Office recommended funding for this asking.

Iowa State University. Iowa State University requested \$3.667 million. The Board Office recommended \$2.917 million, a \$750,000 reduction in askings, as shown in the table below:

<u>Iowa State University</u>	<u>Asking</u>	<u>Board Office Recommendations</u>
Faculty & Staff Funding for Enrollment Pressures	\$ .65 Million	\$ .65 Million
Keeping Pace with Technology	1.9 Million	\$1.15 Million
High Technology Staffing	.250 Million	.250 Million
<u>Experiment Station</u>		
Inflationary Adjustment, Supplies and Services	.039 Million	.039 Million
Meat Export Policy & Research Center	.250 Million	.250 Million
High Technology Equipment	.10 Million	.10 Million
<u>Cooperative Extension</u>		
Inflationary Adjustment, Supplies and Services	.061 Million	.061 Million
High Technology Staff	.167 Million	.167 Million
Soil Conservation Education	.098 Million	.098 Million
Agricultural Diversification	.152 Million	.152 Million
<u>Total</u>	<u>\$3.667 Million</u>	<u>\$2.917 Million</u>

The university has set as its top priority \$650,000 to be used to meet enrollment pressures in critical instructional areas such as Computer Science and Business Administration. The Board Office recommended funding for this request, since this past fall 34 percent of the students were unable to obtain their first choice courses. In some cases, students are required to spend extra time obtaining their degree.

Iowa State University requested \$1.9 million of new funding to purchase equipment to keep pace with technological advances. This requested focused on computers and computer-related equipment. The university requested \$1 million to be used to help purchase a new \$2 million main frame computer. The Board Office noted that the present computer, which was purchased in 1969, is rapidly becoming obsolete and does not have the capacity nor the capability to handle the computer-aided research projects now being undertaken at the university. The board's recommendation provides \$250,000 toward the lease-purchase of such a main frame computer.

This portion of the request also includes funding to provide additional computer terminals to increase the access of students to computer-aided instruction. Presently, the university has a sixty to one ratio of students to computer terminals.

The last portion of the keeping pace with technology segment of the asking involves the purchase of state-of-the-art equipment for high technology research. This research would be particularly in the areas of biotechnology and microelectronics -- both areas targeted for emphasis by the Governor's High Technology Commission.

Iowa State University requested \$250,000 for faculty support for high technology teaching and research programs. The Board Office recommended this proposal.

The Agriculture and Home Economics Experiment Station of Iowa State University requested \$389,000 in supplemental funding for fiscal year 1985. The Board Office recommended full funding for this request. This request includes the continuation of the Legislature's supplemental supplies and services appropriation that was approved for fiscal 1984.

Included in the recommendation is \$250,000 for the establishment of the Meat Export Technology and Policy Research Center at Iowa State University. This Center would develop meat export technology which could be used to further penetrate export markets for Iowa producers and packers. Also included in the Experiment Station request is \$100,000 for the purchase and replacement of high technology scientific equipment for the Station.

The Cooperative Extension Service asked for \$478,000 in supplemental funding for fiscal year 1985. The Board Office recommended that this request be fully funded. This includes \$167,000 to develop software for the County Extension Districts which have purchased microcomputers from their own funds over the past year. The Extension Service also requested \$98,000 for additional staff to increase its educational role in soil conservation. State and federal officials have asked the

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Extension Service to provide additional resources to educate farmers about the technical work which has been done on soil conservation. Finally, the Extension Service requested \$152,000 for the Governor's agricultural diversification project to find ways in which to diversify Iowa's agricultural base. Funding would be used to provide greater technical assistance to Iowans who are interested in entering horticultural production.

University of Northern Iowa. The university requested \$848,000 for fiscal year 1985 supplemental appropriations, of which the Board Office recommended \$518,000, as shown below:

<u>UNIVERSITY OF NORTHERN IOWA</u>	<u>Asking</u>	<u>Recommendations</u>
Summer Session Faculty	\$ .070 Million	\$ .070 Million
Keeping Pace with Technology	.478 Million	.388 Million
Math/Science Teacher Training	.060 Million	.060 Million
Energy Management Program	.140 Million	-0-
Financial Aid Computer	.100 Million	-0-
<u>Total</u>	<u>\$ .848 Million</u>	<u>\$ .518 Million</u>

The university requested \$70,000 to fund additional faculty needed to establish summer sessions for high enrollment areas in Business, Mathematics, and Computer Science. Students are experiencing long waiting periods to obtain the classes they need to fulfill their instructional requirements. It is expected that this funding would provide the assistance needed to offer instruction in these high enrollment areas during the summer for 300-400 students.

The university requested \$478,000 for high technology equipment to keep pace with technology. The Board Office recommended this asking be reduced to \$388,000. The reduction results from purchasing a new main frame computer for the Department of Mathematics on a lease/purchase rather than an outright purchase bases. This will spread out the payments over time while limiting the overall cost. The remainder of the asking in this area is recommended by the Board Office and would increase the access of students to computers who now have to wait in lines to use the computers, despite 18 hours of access per day. In addition, this request would establish a much-needed microcomputer laboratory in the School of Business and replace obsolete computer equipment at the Academic Computing Center.

The university requested \$60,000 for a Math/Science Teacher Training Program. The critical problem of training and retraining Math/Science teachers at the elementary and secondary level has received much national attention. As part of the state's effort to deal with this serious problem, the Board Office recommended full funding for this program.

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Iowa School for the Deaf. Iowa School for the Deaf requested \$117,000 in supplemental appropriations for fiscal year 1985 of which the Board Office recommended \$65,000, as shown below.

	<u>Asking</u>	<u>Recommendations</u>
Parental Instruction	\$.035 Million	\$.035 Million
Computer & Tech. Equipment	.030 Million	.030 Million
Mileage Reimbursement	.002 Million	-0-
<u>Mainstreaming</u>	<u>.050 Million</u>	<u>-0-</u>
<u>Total</u>	<u>\$.117 Million</u>	<u>\$.065 Million</u>

Thirty-five thousand dollars was requested for a computer and high technology effort. This program, which is a high priority for ISD officials, will allow expansion of computerized instructional program and the development of intensified curriculum in the area of math and science.

The Board Office recommended \$30,000 in funding for the parental instruction program. This would allow an additional person (in addition to the present half-time person) to work with parents to make them aware of services available to them and their children. This program is of highest priority for ISD.

Iowa Braille and Sight Saving School. IBSSS requested \$51,000 for essential program adjustments for FY 1985. The Board Office recommended \$42,000:

	<u>Asking</u>	<u>Recommendations</u>
Resource Center	\$ .010 Million	\$ .010 Million
Computers	.020 Million	.020 Million
<u>Equipment</u>	<u>.021 Million</u>	<u>.012 Million</u>
<u>Total</u>	<u>\$ .051 Million</u>	<u>\$ .042 Million</u>

Ten thousand dollars was requested and recommended for the Resource Center so the school can discharge its statutory function to act as a depository for this material. Requests for this material have greatly exceeded expectations and require supplemental funding. No funding has been provided for IBSSS for this purpose previously.

The Board Office also recommended full funding for the \$20,000 request for computers for IBSSS. This would provide software as well as terminals and maintenance necessary to make the computer system operational.

The Board Office reduced the request for new equipment from \$21,000 to \$12,000 by eliminating two of the lower priority items for the school. Funding will be provided for replacement of the closed circuit TV monitor now being used, and a Versa Brailier will be provided to assist the sight-impaired in instruction.

Special Purpose Appropriations

The board received a request for \$71,000 for a supplemental appropriation for the Specialized Child Health Services Program. Because of the uncertainty of federal funding for grants used to finance partially this important program, the Board Office deferred a recommendation until the December board meeting. At that time, the expected date for renewal of federal grants will have expired and the board will be able to make an informed decision as to any supplemental needs for this program.

President Brownlee asked if the institutions had any comments on the Board Office recommendations for the supplemental appropriations request. President Parks commended the Board Office for doing an outstandingly good job of understanding institutional needs.

In summary, the Board Office recommended that the \$22.2 million in institutional askings be reduced to \$15.128 million. Approximately \$8.5 million of that would be funded with additional net tuition income, and the fuel and purchased electricity request would be reduced by approximately \$1.9 million in state appropriations. That leaves a net supplemental request of \$4.736.

MOTION:

Mr. McDonald moved that the board adopt a supplemental operations budget net appropriation request of \$4.736 million for fiscal year 1985. Mrs. Anderson seconded the motion and it passed unanimously.

SUPPLEMENTAL CAPITAL APPROPRIATION REQUESTS FOR FISCAL YEAR 1985. It was recommended that the board approve:

1. Withdrawal of the \$1.175 million request for energy management in fiscal year 1985.
2. Withdrawal of \$134,000 in reappropriations for the University of Northern Iowa.
3. Adoption of the board's fiscal year 1985 supplemental net capital appropriation request of \$4.426 million, allocated as follows: University of Iowa, \$4.4 million; Iowa State University, \$1.085 million; and University of Northern Iowa, \$250,000 for the programs outlined below.

The Board Office reported that the Comptroller's Office had requested that the board not include in its capital appropriation request any items recommended by the Governor for appropriation in fiscal year 1985 and any fiscal year 1984 capital appropriations which were reverted because of the Governor's budget adjustments. The Comptroller's Office indicated that the reappropriation of the reverted capitals and the Governor's recommendations for FY 1985 will be the base upon which supplemental capital appropriations will be built.

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After adjusting for those reversions and the Governor's existing capital recommendations, the board had before it \$25.89 million of capital askings for fiscal year 1985. The Board Office recommended that \$5.735 million of these askings be requested for funding. Board Office recommendations call only for emergency items which are of absolute necessity for the institutions.

The Board Office also reviewed the Governor's capital recommendations for the Board of Regents for fiscal year 1985 as well as the fiscal year 1984 reversions which are subject to reappropriation. After this review, the Board Office recommended that the board request that the Governor withdraw the \$1.175 million now recommended for the Energy Management Program and the \$134,000 of fiscal year 1984 capital reversions which are subject to reappropriation for the University of Northern Iowa.

The \$134,000 is not needed for reappropriation since the project that it was destined for -- HVAC renovation of Gilchrist Hall -- has been completed, and the \$134,000 reversion was not necessary for that project. The Board Office also recommended the withdrawal of the \$1.175 million recommendation for Energy Management for fiscal year 1985, because \$600,000 for energy management purposes for fiscal year 1984 was reverted, and this amount is expected to be reappropriated in fiscal year 1985. Thus there would be a compression of energy management funding in one fiscal year. It is believed that these funds can be better utilized if funded in successive fiscal years as originally anticipated.

After adjusting Board Office capital appropriation recommendations for withdrawal of the energy management recommendation and the adjusted reappropriations, the net Board of Regents capital request for state appropriations, above the base established by the Comptroller's Office, is \$4.426 million. The Board Office said it believed this net request reflects the state's current financial woes as well as addresses, to a limited extent, essential and emergency capital needs of the Regent institutions.

University of Iowa. SUI asked for \$13,655 million in supplemental capital appropriations in addition to reappropriations and the Governor's recommendation. The Board Office recommended that \$4.4 million of those askings be requested by the board, as shown below:

<u>UNIVERSITY OF IOWA</u>	<u>Asking</u>	<u>Recommendation</u>
Replacement of Boiler	\$ 8.805 Million	\$2.6 Million
Chilled Water Plant	1.8 Million	1.8 Million
Hygienic Lab Planning	.250 Million	-0-
Miscellaneous Utilities	.850 Million	-0-
Theater Addition	1.2 Million	Deferred
Fire Safety	.750 Million	-0-
<u>Total</u>	<u>\$13.655 Million</u>	<u>\$4.4 Million</u>

The Board Office recommended that the \$8.05 million to replace the main boiler at the university be reduced to \$2.6 million. This reflects the emergency needs of the university to replace the electrical system portion of that boiler. During the past summer, one of the transformers in the boiler failed and had to be replaced with an old, reduced capacity transformer which is also likely to fail at any time. The electrical equipment in this boiler is over 40 years old, despite a 20-year useful life. Therefore, it was recommended that the board request funds necessary to replace the electrical system portion of the main boiler in order to prevent any disastrous power outages at the university as well as to avoid unwise investments in transformers needed to maintain the operation of this boiler over the short term. This \$2.6 million would provide funds necessary to begin the estimated \$23.2 million project of completely replacing this old boiler. Such replacement is still a high priority for energy conservation purposes as well as to increase the reliability of the power plant at the university.

President Brownlee noted that this was by far the largest item in the capital request. He assumed there was no problem of duplication and waste for a project that would eventually have to be redone. Vice President Bezanson said there was not. This was simply the first step in an extended process leading to replacement of the boiler.

The university also requested \$1.8 million to fund expansion of the Chilled Water Plant to serve the South Pavilion of University Hospitals. This pavilion is expected to be operational in the spring of 1984, and this Chilled Water Plant expansion is necessary to service this pavilion.

The Board Office did not recommend the \$250,000 requested for planning of the Hygienic Laboratory relocation project. Substantial relocation has already occurred, and the Board Office believes that financing can be found internally to continue this effort.

The Board Office also eliminated the \$850,000 asking for miscellaneous utility improvements. Instead, it included in the fuel and purchased electricity budget approximately \$775,000 in the form of a utility consumption surcharge which can be used to finance essential utility repairs.

In addition, the Board Office did not recommend funding for the \$750,000 asking for Fire Safety. Approximately \$500,000 remains to be reappropriated for fiscal year 1985 for fire safety purposes, and these funds, which would have been spent in fiscal year 1984, will now be spent in fiscal year 1985.

Finally, the Board Office deferred making recommendation on the \$1.2 million for equipment needed to open the Theatre Addition. The Board Office is reviewing with university officials various funding options for this asking. Mr. Gross said it was likely that some state appropriations will be necessary. Vice President Bezanson said the university is exploring the possibility of available funds in other capital projects of the university. He noted the importance of this equipment funding so the building can be opened for use by students.

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Iowa State University. The university requested \$11.635 million in supplemental appropriations for fiscal year 1985. The Board Office recommended that \$1.085 of that amount be requested for funding by the board.

<u>IOWA STATE UNIVERSITY</u>	<u>Asking</u>	<u>Board Office Recommendation</u>
Fire Safety	\$ .750 Million	\$-0-
Replacement of Boiler	8.000 Million	.200 Million
Miscellaneous Utilities	1.000 Million	-0-
Home Economics Planning	.300 Million	.300 Million
Sewer Interceptor Facility	.585 Million	.585 Million
Electrical Tie Line	1.000 Million	-0-
<u>Total</u>	<u>\$11.635 Million</u>	<u>\$1.085 Million</u>

The Board Office recommended that the \$8 million for the first phase of the boiler replacement at Iowa State be delayed. Instead, \$200,000 was recommended for appropriation. This level of financing would provide the funds needed to complete the design and engineering work needed to make the first phase of this boiler ready for construction on July 1, 1986. The board will be able to review additional funding requests for this boiler replacement during the next biennium. Vice President Moore said this recommendation was acceptable to the university, because energy conservation measures have made it possible for the university to operate for some time without this oldest boiler.

The Board Office recommended full funding for the request involving planning for the remodeling of the Home Economics Building and the \$585,000 needed as the university's portion of the construction of a new sewer interceptor system by the city of Ames. According to municipal officials, the construction schedule for this facility will require full funding for this \$585,000 asking. The Board Office noted that this amount could be reduced should the state formula for construction grants be altered. The Home Economics Building is in need of remodeling, and this planning money would provide the resources necessary to develop the construction and remodeling proposal for consideration by the board in the next biennium.

The Board Office did not recommend funding for the tie line and the fire safety asking. The Board Office included in the fuel and purchased electricity budget the \$250,000 demand charge necessary to finance the tie line, without using capital appropriations. The fire safety asking was not recommended because \$750,000 in fire safety is already included in the \$2.6 million reappropriation that is expected for Iowa State University.

Finally, the \$1 million miscellaneous utility request was eliminated because the university should receive about \$750,000 as a result of the surcharge placed on utility budgets to fund utility repairs. Vice President Moore said the university considered this satisfactory.

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University of Northern Iowa. The university requested \$600,000 in supplemental capital appropriations for fiscal year 1985. The Board Office recommended funding for \$250,000 of this asking, as noted below:

<u>UNIVERSITY OF NORTHERN IOWA</u>	<u>Asking</u>	<u>Recommendation</u>
Plant Services Remodeling	\$ .300 Million	\$ .250 Million
<u>Miscellaneous Utility Improvements</u>	<u>.300 Million</u>	<u>-0-</u>
<u>Total</u>	<u>\$ .600 Million</u>	<u>\$ .250 Million</u>

The Board Office recommended that \$250,000 of the \$300,000 request for the remodeling of the Plant Services facilities be requested by the board. The university has an urgent need for additional Plant Services space, primarily storage facilities. This proposal would allow the university to implement the Governor's Economy Committee recommendation to relocate the University Museum, allowing Plant Services to utilize the existing museum space to correct these inefficiencies.

The miscellaneous utility improvement asking was not recommended for funding because UNI should receive over \$135,000 through the utility surcharge.

Iowa School for the Deaf. ISD requested \$100,000 for planning for additional recreational facilities at the institution. Because of the nonemergency nature of this request, the Board Office did not recommend that it be requested by the board.

MOTION:

Dr. Harris recommended that the board approve (1) withdrawal of the \$1.175 million request for energy management in fiscal year 1985; (2) withdrawal of \$134,000 in reappropriations for the University of Northern Iowa; and (3) adoption of the board's fiscal year 1985 supplemental net capital appropriation request of \$4.426 million, allocated as noted above. Mrs. Murphy seconded the motion and it passed unanimously.

ESTIMATED NEEDS FOR TUITION REPLACEMENT APPROPRIATIONS FOR FY 1984-85.  
It was recommended that the board:

1. Request \$16,283,000 for 1984-85 in tuition replacement appropriations to pay net debt service on existing academic revenue bonds. That amount would be financed by \$15,083,000 in new appropriations which is the Governor's standing recommendation for that purpose for 1984-85 and by restoration of \$1,200,000 reverted this year as part of the Governor's budget adjustments with an understanding reached that the funds would be restored in FY 1985, when needed.
2. Request legislative authority to carry over any balances in the current year's tuition replacement account for expenditure in FY 1985, subject to review of need for that action by the board at its January 1984 meeting.

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Tuition replacement appropriations totaling \$13,270,000 were made for the 1983-84 fiscal year. The Board Office said it is now estimated that net tuition replacement needs for the current year will be \$12,097,561. As a result of these estimates, it was agreed to revert \$1,200,000 to the state's general fund at the end of this fiscal year with the understanding that the total reverted amount for tuition replacement would be added to the Governor's recommended appropriation for FY 1985 to help cover an anticipated shortfall for that year.

Estimated tuition replacement need for FY 1985 is between \$16.2 million and \$16.6 million. Senate Concurrent Resolution 13 authorized issuance of \$63,780,000 in academic revenue bonds for the period beginning July 1, 1983, and ending June 30, 1985. A total of \$18.8 million of those bonds have been issued. (Another \$18 million was sold at the October meeting -- see these minutes under Iowa State University.) The final two issues for Iowa State University and the University of Iowa are scheduled for sale in January and April 1984, respectively.

Actual debt service needs after two sales, as compared to earlier estimates, indicate a slightly lower need for fiscal year 1985. If that situation continues and investment earning estimates are accurate, a deficit forecast earlier in tuition replacement needs for FY 1985 over and beyond the Governor's standing recommendation for that year should be on the lower end of the range of \$1.2 to \$1.6 million.

The Governor has a standing recommendation for FY 1985 of \$15,083,000 for tuition replacement appropriations. When the restoration of the \$1.2 million is added to that, the board would be able to meet the low end of the forecast tuition replacement needs for FY 1985.

If the market worsens early in 1984, the board could face a need for additional tuition replacement appropriations for FY 1985 of up to \$400,000. There might be some additional savings or greater investment opportunities realized during the current fiscal year which, with legislative authorization, could be carried over for expenditure in FY 1985 rather than reverting at the close of this fiscal year. The Board Office recommended that the legislature authorize carryover of any balances in the tuition replacement account in the current year for expenditure in FY 1985. This recommendation is subject to review at the January 1984 board meeting, at which time there will exist a somewhat better sense of FY 1985 needs.

MOTION:

Mr. Duchon moved that the board request \$16,283,000 for 1984-85 in tuition replacement appropriations to pay net debt service on existing revenue bonds, financed as explained above; and that the board request legislative authority to carry over any balances in the current year's tuition replacement account for expenditure in FY 1985, subject to review of need for that action by the board at its January 1984 meeting. Mrs. Anderson seconded the motion and it passed unanimously.

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REVISED BOARD OFFICE BUDGET, FISCAL YEAR 1984. It was recommended that the board adopt the revised budget for the Board Office for fiscal year 1984.

The budget of the office of the Board of Regents must be adjusted downward by \$14,745 because of the 2.8 percent across-the-board cut and the revision in the amount of salary adjustment funds awarded to the office. The proposed reductions are as follows:

Salaries and Wages	\$10,340
Board Per Diem and Expenses	2,000
Office Travel	1,905
Equipment and Furniture	500
Total	<u>\$14,745</u>

Since the original budget was adopted by the board, \$10,000 was added for the potential expenditures of the Regents Efficiency and Cost Effectiveness Committee. The entire cost of this project is borne through reimbursements from the institutions under the jurisdiction of the Board of Regents.

Mr. Richey told board members that a review of budgets revealed that board members had spent the munificent sum of \$34,65 on out-of-state travel in fiscal year 1983. He said there was some money available in the budget for travel to meetings on higher education should the board wish to attend such events.

MOTION:

Mr. Duchon moved that the board adopt the revised budget for the Board Office for fiscal year 1984. Mr. Neu seconded the motion and it passed unanimously.

A copy of the revised Board Office budget is on file in the Board Office.

INTERINSTITUTIONAL COMMITTEE ON EDUCATIONAL COORDINATION. a. Change in Name of the School of Business Administration to the College of Business Administration at Iowa State University. It was recommended that the board approve this change effective July 1, 1984.

At its September meeting the board referred the request from Iowa State University to change the name of the School of Business Administration to the College of Business Administration to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation. The Interinstitutional Committee completed its review and recommended approval.

The Board Office reported that the name change request was submitted by Iowa State University because of the growth, stage of development, and accreditation needs of the business administration area. The university documented the growth of the business program and the expansion in the number of faculty members and courses offered. Also noted were the benefits from collegiate status, including the more effective allocation of resources through a direct relationship between the College of Business Administration and the vice president for academic affairs. The university

reported that the school has reached a crucial stage in its development. As a result, it will become a larger, better school and will make a more significant contribution to the university community. The university also noted that accreditation by a recognized accrediting organization is important to professional schools, and that accreditation by the American Assembly of Collegiate Schools of Business (AACSB) is particularly important.

The Board Office concurred with this rationale and recommended approval.

Regent Jorgensen noted that the board has never taken program changes lightly. She asked what made this program at Iowa State University unique enough to justify its becoming a college. Vice President Christensen said at Iowa State there was a strong emphasis on the relationship between business administration and the Colleges of Agronomy, Engineering, and Veterinary Medicine. While not unique, the college would be different from the standpoint of the various disciplines at ISU with which it would interact. The university sees it as meeting a real need and demand. Students from all over the state want this type of education and come to ISU wanting it. President Parks pointed out that there are 3400 majors in the school. If it becomes a college it will be one of the largest in the university. The university's case didn't rest solely on difference although it is different.

Regent Jorgensen said she was still concerned with duplication. She believes that what makes the Regent universities special is their different areas of emphasis.

Regent Harris said he was persuaded that Iowa State University should have a College of Business Administration. He felt it was likely that the number of students interested in business will continue to grow. He didn't think the program needed to be unique.

MOTION: Dr. Harris moved that the board approve the request to change the name of the School of Business Administration to the College of Business Administration at Iowa State University effective July 1, 1984. Mr. Duchon seconded the motion.

President Brownlee felt the concern raised by Regent Jorgensen about how the universities view areas of emphasis in new colleges was appropriate.

VOTE ON MOTION: The motion passed unanimously.

b. Change in Name for Business Development Facility, University of Northern Iowa. It was recommended that the board:

1. Approve the change in name of the School of Business Management and Development Facility to Management Development Center at the University of Northern Iowa; and

2. That the board request the Interinstitutional Committee on Educational Coordination take appropriate steps to insure greater coordination of the continuing education activities in business.

The Board Office reported that this item originally came to the board in June 1981 when the board was asked to approve an item on the capital register related to some physical modifications to facilities in Seerley Hall. In July the board referred the request for the change in name to the Interinstitutional Committee on Educational Coordination and the Board Office for review. At that time the Board Office noted that the unit itself had never been directly approved by the board.

The Interinstitutional Committee reviewed this proposal and recommended approval. In the committee's report, it noted that the Management Development Center is not a new academic program. While the Board Office agreed that the proposed Management Development Facility is not a new academic program per se, the request still would need to be brought before the board as a request for a new organizational unit within the university, just as the Research Institute in the UNI College of Education was brought to the board for specific approval. The Board Office said such organizational changes need to be brought to the board for approval since they often contain programmatic implications as well as fiscal impact. In this case, the Interinstitutional Committee raised the important point that improved coordination needs to occur in the area of continuing education in business. The Board Office concurred with this recommendation.

The Board Office was satisfied with explanations provided for this request and recommended its approval. It had no concerns regarding the proposed use of the new facility or the programmatic uses by the School of Business. This unit would seem to be needed and seems worthwhile.

MOTION:

Mr. McDonald moved that the board approve  
(1) the change in name of the School of Business Management and Development Facility to Management Development Center at the University of Northern Iowa, and  
(2) that the board request the Interinstitutional Committee on Educational Coordination take appropriate steps to insure greater coordination of the continuing education activities in business. Mr. Duchon seconded the motion and it passed unanimously.

c(1). Post-Audit Report on the B.A. Degree in Community Health Education at the University of Northern Iowa. It was recommended that the board receive this report and approve continuance of the program.

The post-audit report on this program was referred in September to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation. The Interinstitutional Committee completed its review and recommended acceptance of the report.

The B.A. degree major in Community Health Education was proposed initially to the Regents in December 1978. The program was proposed to complement existing UNI programs emphasizing health education in the schools by focusing on preparation of professionals to staff comprehensive community adult education programs.

The number of majors in the program has been consistent with the numbers projected when the program was proposed. The program has had only four drop-outs and has at least 16 successful graduates who have found relevant employment in the field. (The Board Office noted that information is not available for seven graduates.)

As reported by the Interinstitutional Committee, the expenditures resulting from the adoption of this program total approximately \$39,000 through the fifth year of the program. These costs are consistent with the original estimates that projected \$32,800 by the third year. The post-audit report prepared by the university indicated future staffing needs of an additional 2.5 FTE of which 0.5 would accommodate the needs of the Community Health Education major. The university had not indicated where these funds would be obtained.

The Board Office said it appeared, from the information submitted by the university, that this program substantially has met its original objectives.

MOTION:

President Brownlee stated that the post-audit report on the B.A. degree in Community Health Education at the University of Northern Iowa was received and the program approved for continuance by general consent of the board.

c(2). Post-Audit Report on the Doctor of Industrial Technology Program at the University of Northern Iowa. It was recommended that the board receive the report and approve continuance of this program.

The Doctor of Industrial Technology (DIT) was proposed by the University of Northern Iowa in 1977 as a degree designed for practicing professionals in this field. Following approval by the Board of Regents in 1978, the program was accredited by North Central Association and subsequently offered to students.

In July 1983 the university submitted a post-audit report which was referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation. The Interinstitutional Committee reviewed the program and recommended that the board accept the post-audit report.

The Board Office made a thorough review of the post-audit report and a comparison of that report with materials submitted to the Regents at the time that the DIT program was proposed. While the program does not meet all of the goals and objectives established five years ago in the program proposal, it has been reasonably successful. The enrollment in the program is slightly lower than originally anticipated, although not significantly lower, and is understandable given some of the circumstances regarding faculty turnover.

The Board Office said part of the enrollment problem for the program has been the relatively high rate of dropouts. The university had identified ten individuals who during the last four years had been admitted to the DIT program but are no longer taking courses. Of these ten, only three were admitted to candidacy. One of the three has transferred to another doctoral program and the other two may complete the degree in the future. This high rate of attrition has been attributed to the turnover rate of faculty and curricular development problems. The university reported that the problems have been reduced considerably and that ongoing efforts are being made to improve the entire program.

The program has graduated four persons, all of whom have been able to find employment in their preferred fields and in areas related to the DIT program.

As reported by the Interinstitutional Committee, expenditures related to the DIT program totaled approximately \$78,000 in 1983-84, reasonably close to the expenditures projected for the program at the time it was proposed. The program does, however, identify teacher staffing needs that will require additional faculty to meet increasing undergraduate enrollments in order to release graduate faculty for advanced technical instruction, advising, and supervision of doctoral students. The total amount of expenditures indicated for the next three years shows \$123,800 for the first year, \$131,100 for the second year, and \$139,550 for the third year. The university had not indicated where these funds would come from.

A similar program exists at Iowa State University which offers a Ph.D. Only the University of Northern Iowa offers an alternative to the Ph.D. or Ed.D. degree programs in this field. It appears that the doctoral programs at the University of Northern Iowa and Iowa State University complement one another. Since 1981 the departments of the two institutions have undertaken several cooperative projects. The Board Office said the institutions should be congratulated for these cooperative endeavors.

Vice President Martin said the university was pleased with the quality of the graduates of this program. In answer to a question from President Brownlee, Dr. Martin said the program expected to graduate one or two candidates per year in the future. It had indicated at the outset that this would be a small program with selective admissions. The university did not anticipate a substantial increase in enrollment.

MOTION:

President Brownlee stated that the post-audit report on the Doctor of Industrial Technology Program at the University of Northern Iowa was received and the program approved for continuance by general consent of the board.

d. Supplemental Report on Faculty Tenure. It was recommended that the board receive the report.

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The annual report on faculty tenure at the Regent universities for 1982-83 was discussed by the board at its June meeting. At that time, Regent Jorgensen raised a question about the proportion of entering faculty members who actually received tenure.

The Board Office summarized university totals for awards of tenure and current status of faculty members hired on tenure track in 1975 as follows:

	Tenure Track Faculty Hired 1975	Tenured by 1983 and on Faculty		Other on Faculty in 1983		Tenured but not on Faculty in 1983		Not Tenured and Not on Faculty in 1983	
		No.	%	No.	%	No.	%	No.	%
SUI	97	48	50%	3	3%	4	4%	42	43%
ISU	98	67	68%	0		0		31	32%
UNI	40	16	40%	2	5%	1	2%	21	53%

As shown above, 50 percent of the tenure track faculty hired in 1975 at the University of Iowa were tenured and on the faculty in 1983; 68 percent at Iowa State University; and 40 percent at the University of Northern Iowa. At both the University of Iowa and the University of Northern Iowa small numbers of faculty members had been tenured but were no longer on the faculty, and others were still on the faculty but had not yet received tenure.

Each of the universities reported that the reasons for faculty members leaving were complex and included both professional and personal reasons. Some faculty members left as a result of actual or anticipated termination, others for employment in another university or business, and some because of family reasons.

MOTION:

President Brownlee stated that the supplemental report on faculty tenure was received by general consent of the board.

The following business pertaining to general or miscellaneous items was transacted on Thursday, October 20, 1983.

President Brownlee announced that Regent Duchen was excused. He had an appointment in Des Moines involving state government.

ACCREDITATION OF IOWA STATE UNIVERSITY MUSEUM. It was recommended that the board receive the report on accreditation of the Brunnier Gallery and Museum at Iowa State University from the Accreditation Commission of the American Association of Museums.

The Board Office reported that in September the university was notified that the Accreditation Commission of the American Association of Museums awarded accreditation to the Brunnier Gallery and Museum.

Museum accreditation certifies that a museum has undergone rigorous, professional examination established by the American Association of Museums through the completion of a detailed written questionnaire and a study of the museum operations by a visiting committee of the association. The site visiting team noted that the Brunnier Gallery and Museum has "filled a conspicuous gap north of Des Moines with some distinction" and that the "staff has demonstrated professionalism in the administration."

Vice President Christensen noted that this accreditation opened opportunities for the museum to obtain national and international exhibits. The university was very pleased with this accreditation. President Brownlee congratulated the university for this important achievement.

MOTION: President Brownlee stated that the report on accreditation of the Brunnier Gallery and Museum at Iowa State University was received by general consent of the board.

ANNUAL STUDENT FINANCIAL AID REPORT, 1982-83. It was recommended that the board receive the report.

The Board Office reported that changes in student aid funding, particularly at the federal level, continued to be of considerable interest during the period covered by this report. A number of reductions in funding were proposed, but the total amounts provided under most programs did not change greatly. The rate of increase in federal spending for student aid did decrease.

The Board Office explained that normally student aid is provided to students in the form of a "package" which is typically divided into grants and scholarships, educational loans, and student employment or work aid. After consideration of the student's expected total budget and of total family contributions, a reasonable balance is sought among the various components of the package. Previous student aid reports have noted a concern with rapid increases in the portion of student assistance being provided in the form of student loans. The proportion of assistance based on loans decreased in 1982-83, but increases are expected in future years.

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Material presented by the Board Office indicated a decrease in the total amount of student aid funds at the University of Iowa and at Iowa State University from 1981-82 to 1982-83. The University of Northern Iowa reported an increase. At each institution, however, the largest changes were in the Guaranteed Student Loan Program. The totals of all funds other than Guaranteed Student Loans actually increased at each of the institutions: by 5.2 percent at the University of Iowa, 9.9 percent at Iowa State University, and 17.3 percent at the University of Northern Iowa.

A decline in Guaranteed Student Loans had been predicted for the 1982-83 year, as it was the first full year in which a needs test was required for applicants with over \$30,000 annual income. The student aid directors have also suggested that 1981-82 figures were inflated as a result of students who applied for assistance early in the academic year prior to the effective date of the new rules concerning needs tests. Only the University of Northern Iowa reported an increase in funds and in number of students provided with Guaranteed Student Loans.

The Board Office noted that changes were less pronounced in other categories of student aid.

Over the ten-year period reported, total funds have increased within each category of aid. The grand total of funds reported for all three universities has increased from \$39,481,038 in 1973-74 to \$100,363,729 in 1982-83. Excluding Guaranteed Student Loans, which have exhibited the largest increase over this period, total aid has increased from \$14.25 million in 1973-74 to \$38.77 million in 1982-83. As was reported in last year's student aid report, the financial aid directors attribute variations over time to several factors. In general, increases in aid are related to inflation, with increasing tuition and other costs, and to an increasing number of eligible applicants. For federal funds, both institutionally controlled and noninstitutionally controlled, changes in federal allocations, congressional appropriations, federal regulations, and the determination of applicant eligibility led to changes in total funding. The start of the Pell Grant Program in 1974-75 and its expansion under the Middle Income Student Assistance Act of 1978-79 resulted in increases in funds "not controlled by institutions."

Funds available under institutional control were reported to vary from year to year, depending on budgeted amounts for student aid. Funding generally increased with tuition increases as portions of the income generated by the increase have been allocated to student aid funds. Funds from other sources generally increase with increasing enrollments as more students bring with them scholarships and stipends awarded by outside agencies. These could include Social Security benefits, vocational rehabilitation funds, veterans benefits, and scholarships provided by local or hometown organizations, corporations, and other private donors.

Regent Anderson asked if the criteria for distribution of institutionally controlled moneys are the same as those used to allocate federal funds. Mr. Richey said this was the case except for some special programs such as merit scholarships. Vice President Hubbard explained that in the process

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of assembling a student's aid package, federal money is used first. If a student is eligible for a Pell grant, the student is to obtain that first. If the student is eligible for more aid than federal sources provide, it is made up from state funds. Regent Anderson asked if it were possible for a student that did not qualify for federal funds to qualify for state funds. Vice President Hubbard thought it unlikely.

Regent Jorgensen said students, in speaking about tuition, had said an increase would keep many students from being able to afford college. She asked if anyone knew at what point this might actually happen. Mr. Richey suggested that the institutions might want to take a special look at this over the next year to see if there are any discernable patterns. Vice President Bezanson said one of the things the universities watch is retention statistics. If there is a significant increase in the rate of attrition coinciding with an increase in costs, the universities would infer there is a connection, particularly as retention rates have been fairly stable over the past few years. Mr. Richey said the next student aid report could include a section addressing this concern.

Regent Anderson asked for reasons for a large increase in student loans during a previous three-year period. Mr. Richey mentioned the Middle Income Assistance Act which allowed anyone to borrow without a needs test. Associate Vice President Madden said part of it was a marketing decision by financial institutions. President Curris noted that removing the cap on interest made these loans much more attractive to financial institutions. Mr. Richey added that any student with proven need as established by federal formulas can now obtain a loan. Financial institutions are competing to make these loans.

MOTION: President Brownlee stated that the Annual Student Financial Aid Report, 1982-83, was received by general consent of the board.

PROCEDURES AND GUIDELINES ON RECEIPT OF CONSTRUCTION BIDS. It was recommended that the board approve, as part of the Board of Regents Procedural Guide, uniform procedures and guidelines for receipt of construction bids.

The executive secretary formed in 1975 an interinstitutional committee, called the Construction Contracts Committee, for the express purpose of developing uniform construction documents for use in all Board of Regents construction projects. The Board of Regents utilizes uniform instructions to bidders, general conditions, contract change orders, and standard language for major architectural and engineering agreements. The committee has met periodically since that development to review documents and to address issues that arise out of construction projects at the Regent institutions.

The committee met in mid-August. Among the topics on its agenda was the review of institutional procedures for receipt of bids. As part of that meeting, the committee met with representatives of Master Builders of Iowa

to discuss issues of common concern. The committee has, over the years, met with Master Builders and other contracting groups and received invaluable assistance from those groups in development of the uniform contract documents.

The committee recommended to the board uniform procedures and guidelines on receipt of construction bids. It also recommended that the proposed procedures and guidelines become part of the Procedural Guide so that future institutional administrators will remain responsive to these procedures.

The proposed procedures and guidelines address several issues which have recently arisen during bids opening at Regent institutions and also take into consideration suggestions made by contractors and contractor associations such as Master Builders.

Section A establishes a uniform time of 2:00 p.m. for receipt of bids, after which such bids will promptly be publicly opened and read aloud. The uniform receipt time shall not vary unless the executive secretary provides written permission for such variance. This section also stipulates the days of the week when bid openings should not be scheduled which is a suggested policy statement of the Construction Council of Iowa.

Section B establishes a uniform method for receipt of bids through use of a time clock. The envelope containing the bid will be entered into a time clock which will stamp the time of bid receipt. In instances when the envelope is too large to insert into a time clock, the person receiving the bid will utilize the time clock as the official time to note time of bid receipt.

Sections C and D require a designated owner's representative to be present at the time bids are received. The owner's representative is responsible for ensuring that the orderliness of the bid receipt process is maintained and answering any last minute inquiries prior to the close of bid receipt. In Section D the policy strictly enforces a 2:00 p.m. cutoff time, and no bids will be permitted to be received after that time unless the owner's representative determines that a prospective bidder was in line and ready to have a bid received at 2:00 p.m.

Sections E and F are intended to protect the integrity of the bidding process through, first, a stipulation that bidders shall not use any institutional offices or other than public phones in bid preparation. This matter was discussed with Master Builders, and it was determined that unless accommodations are made to serve all bidders, it would be improper to provide office space for some bidders. Second, Section F requires that the bids, after receipt, be secured by the owner's representative in some way such as use of a strong box which is then moved untampered with by the owner's representative to the place designated for opening of bids.

Section G responds to a suggestion of Master Builders. Current contract document language gives both the location and mailing address for receipt of bids and a second location where the bids will be opened. There has been some concern expressed that the dual location in the bidding documents

confuse bidders. Bidders might go erroneously to the location where the bids are to be publicly opened rather than where they are to be received, with the potential danger that the bidder would not be able to get a bid submitted by the 2:00 p.m. cutoff time. The only location which will henceforth be specified will be the location for receipt of bids.

The place for opening bids will be posted and publicly announced to bidders at the time bids are received. Bidders will be urged by the owner's representative to proceed immediately to that bid opening location after bid receipt has taken place. This, again, avoids situations where bidders in some way might interfere with the orderliness of the bid receipt process.

President Brownlee noted that it was not clear from reading the guidelines just when the bids would be opened. Mr. McMurray said the bids would be opened shortly after 2:00 p.m. The situation varies at each bid opening. If the bids are opened near where bids are received, it can be done soon after 2:00 p.m., but sometimes it is necessary to move to a different building which could cause a delay of 10 minutes or more.

President Brownlee said the Regents have been criticized for delay in the opening of bids. He asked if there was some way to be firmer in the procedures while allowing for possible problems.

Vice President Bezanson said it is occasionally the case that something will occur at the time of receipt of bids that will necessitate delaying opening of bids. It is not feasible to set an exact time for the opening. Acting Associate Vice President Mahon said it had happened last summer that when bids were received and taken to the place of opening, Mr. Mossman had to make a judgment about opening a bid because it was allegedly late. There might be circumstances where an institution would have to consult with the Attorney General before the bids were opened.

Mr. McMurray said that in discussion with Master Builders, it was their judgment that the proposed language is sufficient.

Regent McDonald believed that inserting the word "promptly" into the proposed guidelines would not interfere with any legal reason for delay that might occur between the bid receipt and bid opening. Section A would then read as follows:

- A. All construction bids shall be received until 2:00 p.m., after which such bids will promptly be publicly opened and read aloud . . .

Mr. Richey said he assumed that the word "reasonably" is implied. Regent McDonald said that it was and that the minutes should so indicate.

The new procedures and guidelines would be implemented for any bid opening scheduled on or after October 21, 1983. This timeline was established, in part, so that the new procedures and guidelines would be utilized for the bid opening on the Communication Arts Center at the University of Northern Iowa on October 25.

MOTION:

Mrs. Jorgensen moved that the board approve, as part of the Board of Regents Procedural Guide, uniform procedures and guidelines for receipt of construction bids as amended. Mrs. Murphy seconded the motion and it passed unanimously.

PROPOSED POLICY STATEMENT ON LAND USE. It was recommended that the board adopt a new subsection to Chapter 7.10 of the Regents Procedural Guide to include a policy statement on land use, pursuant to Executive Order 48.

The Board Office reported that on January 3, 1983, Governor Ray issued Executive Order No. 48 relating to land use. The order states that it is the policy of the state and its agencies to provide for the orderly use and development of land and related natural resources. In addition, the order requires all state agencies to provide the Interagency Resources Council with a land use policy statement which will enable the agency to administer programs consistent with the land use policy established for the state. The order further requests that state agencies, where practical and feasible, include within their programs and rules measures which will contribute to the improvement of both the quantity and quality of Iowa's natural and historic resources.

In order to comply with this order, the Board Office recommended that the board adopt a new subsection to Chapter 7.10 of the Procedural Guide which governs the sale and purchase of real estate by the institutions, as follows:

6. It is the policy of the board and the institutions to provide for the orderly use and development of land and related natural resources in Iowa for residential, commercial, industrial, and recreational purposes to preserve private property rights, to protect natural and historic resources and fragile ecosystems of this state including forests, wetlands, rivers, streams, lakes, and their shorelines, aquifers, prairies, and recreational areas, promote the efficient use and conservation of energy resources, promote the creation and maintenance of wildlife habitat, to consider the protection of soil from wind and water erosion and to preserve the availability and use of agricultural land for agricultural production.

When the institutions, as part of actions undertaken under this section, determine that those actions are inconsistent with the land use policy outlined above, the institution shall notify the board with an explanation of those adverse impacts and an explanation as to why alternatives without such adverse impacts are not feasible.

The Board Office stated that inclusion of this land use policy statement will insure compliance with the Governor's Executive Order as well as to provide for the proper consideration of land use impacts on real property transactions made by the institutions.

MOTION: Mr. McDonald moved that the board adopt a new subsection to Chapter 7.10 of the Regents Procedural Guide to include a policy statement on land use, pursuant to Executive Order 48. Mrs. Anderson seconded the motion and it passed unanimously.

REPORT ON NEED FOR A WORD PROCESSOR CLASSIFICATION IN THE REGENTS MERIT SYSTEM. It was recommended that the board receive the report and approve continued use of clerical and secretarial classifications for employees who use word processing equipment to provide typing services, with the understanding that the Board Office and institutional personnel staffs will continue to monitor the effect of new technology on merit system jobs.

The Board Office explained that at the direction of the board in July an interinstitutional committee was organized to review the use of word processing equipment in merit system jobs to determine if separate classifications for word processors were needed, and to report to the board in October. In its report, the committee noted that it agreed to focus its attention on the question of whether the current practice of the Regents Merit System, which does not provide separate classifications for word processing operators, has negative impact on appropriate compensation for employees who use word processing equipment to provide typing services. The broader question of the appropriateness of all merit system classifications involved with information processing would be reviewed as part of a long-range task analysis study.

A sampling of employers in university and nearby communities and a review of the practices of Big Ten and Big Eight schools show that, while the use of separate classifications in word processing centers is common, the pay for word processing operators generally is related to pay for employees in traditional clerical classes in a way that is consistent with the Regents' practice of using common classes. Premium pay for word processing operators generally is not provided. In addition it was found that pay for Regent employees who operate word processing equipment generally is competitive with salaries paid by other employers in the university and nearby communities. Because no pay differential is indicated and because of concerns about recruiting and employee mobility, separate classifications for word processors are not recommended. However, the committee pointed out the need for continued review of the impact of information technology on merit system jobs and classifications.

A separate statement submitted by three members of the committee expresses concern that the levels of word processing classes shown in the survey conducted by the Association of Information Systems Professionals do not correspond identically to levels shown in the Regents Merit System. The employees anticipate that the pending task analysis study will indicate the need for additional classes.

The Board Office believed that existing merit system classes and provisions are appropriate for word processing jobs as they are organized at Regent

institutions. However, the Board Office concurred that if the pending task analysis project shows the need for additional classes, they will be recommended.

Regent Anderson expressed the concern that, because most of these jobs are held by women, they are not getting increased compensation for increased sophistication in technology. In predominantly male jobs in industry, increased technology means that the operators of that equipment are paid more based on their increased productivity. She hoped that in the future, as the Regents reviewed information technology, this particular issue will be examined and investigated.

Associate Vice President Small said the task analysis project will cover all job classifications, not just clerical. In current merit system practice, pay is determined by a point count for the actual job with the market as a secondary consideration. The task analysis should allow the Regents to be even more precise in evaluating the various jobs and the appropriate compensation. Ms. Small noted that committee members who had submitted the separate statement had been concerned that this study would cut off further discussion. The posture taken by the Board Office was the one these employees had hoped for.

MOTION:

President Brownlee stated that the report on need for a word processor classification in the Regents Merit System was received by general consent of the board.

APPOINTMENTS TO ADVISORY COMMITTEE FOR THE IOWA BRAILLE AND SIGHT SAVING SCHOOL. It was recommended that the board approve the appointments of Teresa K. Blair and Ann Corn to the Advisory Committee for the Iowa Braille and Sight Saving School.

Teresa K. Blair, Assistant Professor of Special Education at the University of Iowa, was nominated by the university to fill a two-year term on the Advisory Committee as a representative of the University of Iowa.

Dr. Ann Corn is an Assistant Professor in the Department of Special Education at the University of Texas at Austin. Dr. Corn will replace Dr. Verna Hart from the University of Pittsburgh as the outside consultant to the Advisory Committee. Dr. Corn's term would be the established two-year term for the outside consultant. Superintendent DeMott concurred in this recommendation.

MOTION:

Mr. McDonald moved that the board approve the appointments of Teresa K. Blair and Ann Corn to the Advisory Committee for the Iowa Braille and Sight Saving School. Mr. Neu seconded the motion and it passed unanimously.

GENERAL  
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BOARD OFFICE PERSONNEL REGISTER. It was recommended that the board accept with regret the resignation of Robert G. McMurray and approve the following personnel transactions.

Resignation: Robert G. McMurray, Associate Director of Business and Finance, effective October 28, 1983.

Reinstatement: Barbara Orend Baker, Secretary II, temporary appointment, effective October 5, 1983. Ms. Baker will be responsible for the secretarial duties for the Regents Efficiency and Cost Effectiveness Committee.

Mr. Richey noted that Mr. McMurray had been on the Board Office staff for 15 years and had performed outstanding service. His resignation was accepted with real regret and with wishes for great success in the future. President Brownlee expressed the regrets of the board for this resignation.

MOTION: The actions in the Board Office Personnel Register were ratified by general consent of the board.

NEXT MEETINGS. The next meetings of the Board of Regents are as follows:

November 17	Marriott Hotel	Des Moines
December 15	University of Northern Iowa	Cedar Falls
January 19, 1984	Iowa State University	Ames
February 16		Des Moines
March 22	Iowa State University	Ames
April 18	University of Iowa	Iowa City
April 19	Iowa Braille & Sight Saving School	Vinton
May 17	University of Northern Iowa	Cedar Falls
June 20-21	University of Iowa	Okoboji
July 12	Iowa State University	Ames

Regent Anderson said the conference on October 6 and 7 on "The Way Up: Women in Higher Education Administration" was a great success. She thanked the Regent institutions for their support, especially the presidents and vice presidents. She thanked Vice President Christensen and Robert Barak for their service on the steering committee. President Freedman's speech was a great success. She felt it was a very good day for the Regents. Regent Jorgensen commented that from the point of view of a person attending the conference, Regent Anderson should be congratulated for her role.

President Brownlee then asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the general docket. There were none.

STATE UNIVERSITY OF IOWA

The following business pertaining to the State University of Iowa was transacted on Thursday, October 20, 1983.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes were ratified by general consent of the board.

APPOINTMENT. The board was requested to approve the appointment of Frank J. Stork as Director of State Relations in the Office of Public Information and University Relations, effective December 1, 1983, at an annual salary of \$50,000.

President Freedman said the university was very pleased to appoint Mr. Stork to this important position. This appointment follows an extended search.

Mr. Stork will succeed Dennis J. Nagel who will enter private practice in Des Moines early in 1984. Mr. Nagel served as Acting Director of State Relations since the retirement of Max Hawkins. Mr. Stork was appointed by Governor Branstad to the State Board of Regents in the spring of 1983. He resigned as a Regent effective October 1.

MOTION:

Mr. Neu moved that the board approve the appointment of Frank J. Stork as Director of State Relations, effective December 1, 1983, at an annual salary of \$50,000. Dr. Harris seconded the motion and it passed unanimously.

REQUESTED NAME CHANGES FOR THE SCHOOL OF LIBRARY SCIENCE AND THE MASTER OF ARTS IN LIBRARY SCIENCE. It was recommended that this request be referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation.

The University of Iowa requested name changes for the School of Library Science to the School of Library and Information Science and a related change in the name of the Master of Arts in Library Science to the Master of Arts in Library and Information Science. Information submitted by the university noted that changes occurring in the field of library science justify the requested changes in titles.

The university indicated that the changes have no programmatic implications and simply reflect the normal curricular development of the program in response to changes in professional activities of graduates. There are no fiscal implications of the title changes.

MOTION: The requested name changes for the School of Library Science and the Master of Arts in Library Science were referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation by general consent of the board.

COLLEGE OF ENGINEERING REORGANIZATION. It was recommended that the proposed reorganization of the College of Engineering into six academic departments be referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation.

The proposal to reorganize the College of Engineering into six departments would replace the current divisional matrix structure. The proposal noted that it does not involve any changes in existing educational programs but would greatly facilitate the operation of current programs. The proposal also noted that this change does not have any fiscal implications. The six departments being created by this proposed administrative change would have more descriptive titles than under the current structure.

MOTION: The proposed reorganization of the College of Engineering was referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation by general consent of the board.

ESTABLISHMENT OF A CENTER FOR COMPUTER AIDED DESIGN WITHIN THE COLLEGE OF ENGINEERING. It was recommended that this request be referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation.

The Board Office reported that the university is proposing that a center for computer aided design be established in the College of Engineering in order to stimulate research activities in the area of computer aided design and to increase the level of research funding from external grants and contracts by providing a focus for faculty research efforts.

The Board Office recommended that the Interinstitutional Committee give thorough consideration to this proposed center to insure that it does not unnecessarily duplicate activities already established at Iowa State University.

MOTION: The request to establish a center for computer aided design within the College of Engineering was referred to the Interinstitutional Committee on Educational Coordination and the Board Office for review and recommendation by general consent of the board.

PROFESSIONAL AND SCIENTIFIC CLASSIFICATION. It was recommended that the board approve the establishment of the proposed new classification Assistant Director - Undergraduate Advising Center in pay grade 8 (\$17,970-\$28,490).

The Board Office explained that the Undergraduate Advising Center in the College of Liberal Arts provides academic advising services for undergraduates who have not declared a major. The university reported that the number of student advisees has grown since 1981 from 2,844 to over 6,600 a year. The director of the Center now supervises a staff of 33 advisers and five nonadministrative office personnel. The position of assistant director is needed to provide a more effective management structure.

The proposed pay grade assignment was determined by application of the university's point evaluation system. Funds are available from existing resources.

MOTION:

President Brownlee stated that the board approved the establishment of the proposed classification Assistant Director-Undergraduate Advising Center in pay grade 8 (\$17,970-\$28,490) by general consent.

PHASED RETIREMENT REQUEST. It was recommended that the board approve the request of Elizabeth B. McKray for phased retirement commencing November 1, 1983.

Ms. McKray is a Social Worker Specialist in the outpatient clinic at the University Hospital School, first employed by the university in 1953. The Board Office stated that Ms. McKray meets all the requirements established by the board for eligibility for phased retirement.

MOTION:

Dr. Harris moved that the board approve the phased retirement of Elizabeth B. McKray commencing November 1, 1983. Mrs. Anderson seconded the motion and it passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. The Board Office noted that the final register had been received, was in order, and was recommended for approval subject to further explanation to questions raised by the Board Office.

The board was requested to ratify executive secretary award of the following construction contracts:

Field House Remodeling - Part 2; Phase I - East Face/North Gym Roof Deck  
Award to: Schoff Construction Company, Lisbon, Iowa \$349,500.00

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President Brownlee asked for information on the Fieldhouse remodeling project. Acting Associate Vice President Mahon said part of the project involved taking the roof off the main section of the building. That roof is off now and the rest of the renovation of the building is proceeding as planned when the project was started. A second part of the project was to take the roof off the pool. That was begun in the summer, completed in September, and the pool is now open. The project on this month's register involves taking the roof off the north section of the building, removing the handball courts, and replacing the roof. The roof strain was most severe in that section. The university was pleased that the bids came in at \$349,500. What remains to be done is an analysis of how the university might replace the handball courts in that section of the building. This is still in the design phase. The university hoped to have the entire building roof off and on again by the winter. In answer to a question from President Brownlee, Ms. Mahon said the project was behind schedule because of the roof but still very much in progress.

Hospital Loading Dock Driveway (funded by West Campus Storm and Sanitary Sewer Project:

Award to: Burger Construction Co., Inc., Iowa City, Iowa \$19,485.00

Renovation of East Main Power Plant Smokestack

Award to: Custodis-Hamon Constructors, Inc., Arlington Heights, Illinois \$57,385.00

On this project, the board had received two bids in April, both of which were in excess of \$176,000 which, when compared to the construction budget of \$130,000, caused the board (upon the recommendation of the university at the May meeting) to reject both bids. Since that time, university representatives conferred with contractors whose primary function is that of maintenance and repair of chimneys. A determination was made that the best interests of both the university and the contractors would be served if this work could be accomplished in the format of a maintenance contract. This would permit the contractor and the university to agree upon a time that is to their mutual advantage to do the work rather than specific performance dates. The Board Office said all goals appeared to have been accomplished with the greatly reduced cost of the work, as witnessed by the contract award above.

Phillips Hall - Executive Seminar Room

Award to: Selzer Construction Co., Inc., Iowa City, Iowa \$48,500.00

This project is also on the register as a new project, with the source of funds being University of Iowa Foundation Gifts for \$58,000. A generous gift to the College of Business by the Fund for Higher Education was made specifically to provide this facility. The Physical Plant Department was selected as inspection supervisor.

University Hospitals - Psychiatric Hospital - Replace Patient Room Doors

Award to: Selzer Construction Co., Inc., Iowa City, Iowa \$42,500.00

The Board Office noted that this project is also covered on the register as a new project, with the source of funds being Psychiatric Hospital Building and Usage Funds in the amount of \$60,773. Completion of the project will provide compliance with current code requirements and allow medical staff immediate access to patient rooms during emergencies. The University Architect's Office was selected as architect and inspection supervisor.

Law Building - Electric Service System

Award to: Gerard Electric, Inc., Iowa City, Iowa \$351,568.00

Law Building - Steam, Water, and Sanitary Sewer Improvements

Award to: Bowker & Son, Inc., Cedar Rapids, Iowa \$48,960.00

The Board Office said these two awards total \$400,528 compared to an engineer's estimate of \$725,000. Thus it appears that an estimated \$325,000 is now available for other capital purposes as authorized in Senate Concurrent Resolution 13.

The board was requested to approve the following new projects:

University Hospitals - Faculty Office Remodeling - General Hospital

Source of Funds: University Hospital RR&A \$48,587.00

The University Architect's Office was selected as architect and inspection supervisor.

Phillips Hall - Replacement of Heating and Cooling Piping Systems

Source of Funds: Treasurer's Temporary Investments \$539,000.00

English-Philosophy Building - Replacement of Heating and Cooling Piping Systems

Source of Funds: Treasurer's Temporary Investments \$773,000.00

The Physical Plant Department was selected as engineer and inspection supervisor on this project and the Phillips Hall project noted above. Both projects will be done because upkeep and repairs as a result of leaks and valve replacements continue to increase while space comfort and system control decrease.

University Hospitals - Two Tower Patient Room Utilities

Source of Funds: University Hospitals Building Usage Funds \$93,000.00

The University Architect's Office was selected as inspection supervisor.

Westlawn - Occupational Health Services

Source of Funds: Building Repairs \$35,700.00

The Physical Plant Department was selected as engineer and inspection supervisor. The work will be accomplished by Physical Plant work forces or purchase orders.

University Hospitals - Seventh Floor West Stair Egress

Source of Funds: University Hospitals Building Usage Funds \$149,500.00

The University Architect's Office was selected as architect and inspection supervisor. The project will eliminate the current dead end corridor on the seventh floor west end, which has been recommended as a correction by both the State Fire Marshal's Office and the Joint Commission on Accreditation of Hospitals.

Hospital School - Entrance Canopy

Source of Funds: University Hospital School Plant Development Funds  
\$144,150.00

The University Architect's Office was selected as inspection supervisor. The board was also requested to ratify selection of Neumann Monson, Architects, Iowa City, Iowa, with basic services to be provided on the basis of a fixed fee of \$15,000 if services are required during construction. At this time, the board was requested to ratify \$10,000 of that amount for design services, which is 8.5 percent of the general construction portion of the budget.

Quadrangle - Electrical Renovation

Source of Funds: Dormitory Improvement Reserve \$223,000.00

The Physical Plant Department was selected as inspection supervisor. The board approved selection of The Durrant Group, Inc., Dubuque, Iowa, at its March 1983 meeting to provide site survey services on the project at an hourly rate basis to a maximum of \$3,400. The Board Office noted that any further contract with the Durrant Group beyond site survey services should be brought to the board for approval or ratification. Mr. McMurray said after discussion the university had withdrawn this item from the register while it explored alternatives on the project.

Lindquist Center - Computer Center Air Conditioning

Source of Funds: Building Repairs or Income from Treasurer's  
Temporary Investments \$325,000.00

The Physical Plant Department was selected as inspection supervisor. The university noted that the Durrant Group, Inc., Dubuque, Iowa, was designated as project engineer and that the board approved this designation at its September meeting. Board Office records show that the action taken in September was ratification of selection of The Durrant Group to conduct a preliminary study on the use of providing new air conditioning systems for the computer center with compensation to be on an hourly basis to a maximum of \$9,480, and any expansion of those services should come back to the board. Ms. Mahon said this was correct, and the university would bring back to the board selection of the architect on this project.

Quadrangle Residence Hall - Improve Electrical Power Utility Services

Source of Funds: Treasurer's Temporary Investments \$137,500.00

The Physical Plant Department was selected as engineer and inspection supervisor. No single work item exceeds \$25,000 and, as a result,

the work will be accomplished by Physical Plant Forces. Ms. Mahon said in this project equipment will have to be installed in and around the residents of the dormitory. The university felt this could be done most efficiently by Physical Plant Forces. The Board Office recommended that the board approve use of Physical Plant forces on this project.

The board was requested to take action on the following consultant contracts:

Carver-Hawkeye Arena - Site Planning Services

Approve payment of \$2,500 to Crose-Gardner Associates, Des Moines, Iowa, for additional consultation on project changes and additions and to reflect the extension of the construction period. Regent Anderson asked for more explanation of this increase. Ms. Mahon said it involves the area not only around the Arena but Hawkins Drive. After the DOT completed its work, the university landscaped all of Hawkins Drive to improve the appearance of the area. In addition, this project includes the site of a sculpture to be installed on the grounds as part of the Art in State Buildings Program.

Oakdale Hall - Family Dentistry Relocation

Ratify selection of Hansen Lind Meyer, Inc., Iowa City, Iowa, to conduct a preliminary study to establish project design framework and a preliminary budget and project description. Fees would be on an hourly basis to a maximum of \$3,000.

Oakdale Hall - Virology Laboratory Relocation

Ratify selection of Hansen Lind Meyer, Inc., Iowa City, Iowa, to conduct a preliminary study with fees to be on an hourly basis to a maximum of \$3,000.

Health Science Library - Roof Repairs

Ratify payment of up to \$500 to Harvey W. Henry, Architect, Coralville, Iowa, for additional architectural services provided at the request of the university.

College of Law Building

Approve payment of \$14,882.26 to Gunnar Birkerts & Associates, Birmingham, Michigan, for specific additional engineering services provided at the request of the university. These services include testifying during litigation regarding contract and award and exploration of certain alternates during the bidding process.

University Hospitals - Hospital Information Systems Remodeling

Ratify selection of Shive-Hattery Engineers, Iowa City, Iowa, to provide final design services and site survey services on this project with fees to be on an hourly basis to a maximum of \$9,600.

University Hospitals - Blood Donor Center Renovation

Ratify selection of Shive-Hattery Engineers, Iowa City, Iowa, to provide full-range engineering services on an hourly basis to a maximum of \$3,448.96.

Steindler Building - Reoccupancy Remodeling - Phase VI

Approve selection of Wehner, Nowysz, Pattschull & Pfiffner, Iowa City, Iowa, to provide contract administration and project quality control during construction with fees to be on a lump sum basis of \$20,508.75.

University Hospitals - OR Support Laboratory - HVAC System

Ratify an increase in compensation to Environmental Engineers, Inc., Des Moines, Iowa, for additional engineering services provided at the request of the university for \$443.50.

College of Law - Utilities Services

Ratify an increase in compensation to Shoemaker & Haaland, P.E., Coralville, Iowa, for additional engineering services provided at the specific request of the university with the fee to be a maximum of \$1,600.

Kinnick Stadium - Electrical System Evaluation

Ratify selection of Shive-Hattery Engineers, Iowa City, Iowa, to provide a preliminary study and site survey services with fees to be on an hourly basis to a maximum of \$7,800. The project involves evaluation of the present electrical system to eliminate inefficiencies and provide a more balanced system. The board has not approved a project budget to date.

Chemistry-Botany Building - Chemistry Laboratory Remodeling

Approve an increase in compensation to Wehner, Nowysz, Pattschull & Pfiffner, Iowa City, Iowa, to provide interpretation of plans and specifications, coordination of construction activities, contract administration, and project quality control on the project. Compensation would be a lump-sum fee of \$59,265.

University Hospitals - South Pavilion, Phase B

Approve an increase in compensation to Hansen Lind Meyer, P.C., Iowa City, Iowa, due to changes in designated occupancy and user group after design development started. Compensation would be on an hourly basis to a maximum of \$12,000.

Coal Combustion Residue Disposal Facility - Site Location, Evaluation, and Permitting

The Board Office explained that the university has evaluated its existing coal ash landfill and has determined that the needs of the university can be met from this landfill for only two or three more years. The university requested permission to negotiate a contract with Stanley Consultants, Inc., Muscatine, Iowa, for engineering services to cover both a new landfill site location and assistance in acquiring necessary local, state, and federal operation permits. A formal contract will come to the board at a later date for approval.

MOTION:

Mrs. Anderson moved that the board approve the Register of Capital Improvement Business Transactions for October 1983; ratify award of construction contracts made by the executive secretary; approve the new projects; approve the use of

Physical Plant forces; approve negotiation for engineering services; ratify and approve the consultant contracts; and authorize the executive secretary to sign all necessary documents. Mr. Neu seconded the motion and it passed unanimously.

LEASES OF PROPERTY. It was recommended that the board approve the lease with Thomas R. Alberhasky for the use of 7,614 square feet of warehouse space at 620 South Madison Street, Iowa City.

The Board Office reported that the warehouse is partitioned into two areas. The larger portion of approximately 5,000 square feet is scheduled to be assigned to the Department of Physics and Astronomy for storage of analogue and digital scientific tapes, thereby freeing space in Van Allen Hall for higher priority academic purposes. The university noted that these tapes contain sophisticated data related to space exploration. These tapes need to be stored in an air conditioned space and must be accessible to users. This warehouse space will meet those needs.

The remaining space will be used for storage of furniture and other items from the Field House while it is being restored. Newly acquired furniture and other items for the Communications Building, Law Building, and University Theatre addition also will be stored in the smaller portion.

In addition to the rental fee of \$3.09 per square foot per year the university will pay all utilities. Pursuant to Executive Order No. 44, the university inquired about the availability of vacant school houses for university use. There are no vacant schoolhouses available in Iowa City at this time.

MOTION:

Dr. Harris moved that the board approve the lease with Thomas R. Alberhasky for the use of 7,614 square feet of warehouse space and adjacent parking spaces located at 620 South Madison Street, Iowa City, at an annual rent of \$23,520, commencing November 1, 1983, and ending October 31, 1985, with an option to negotiate for an additional two years. Mrs. Anderson seconded the motion, and upon the roll being called the following voted:

AYE: Ancerson, Harris, Jorgensen,  
McDonald, Murphy, Neu, Brownlee

NAY: None

ABSENT: Duchon

President Brownlee then asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the University of Iowa. There were none.

IOWA STATE UNIVERSITY

The following business pertaining to Iowa State University was transacted on Thursday, October 20, 1983.

REGISTER OF PERSONNEL CHANGES. The actions in the Register of Personnel Changes for September 1983 were ratified by general consent of the board.

APPOINTMENTS. The board was requested to approve the following appointments:

David L. Lendt as Acting Director, Iowa State Center, effective October 15, 1983. Salary as budgeted.

James R. Redmond as acting chair of Zoology, effective October 12, 1983. Salary - \$56,978.

MOTION:

President Brownlee stated that the appointments of Drs. Lendt and Redmond were approved by general consent of the board.

RESOLUTION AUTHORIZING ISSUANCE OF DUPLICATE BONDS. It was recommended that the board adopt "A resolution authorizing and providing for the issuance of a duplicate Academic Revenue Bond, Series I.S. U. 1973, in the amount of \$5,000."

The Board Office explained that Merrill Lynch Pierce Fenner & Smith, Inc., had advised the Treasurer of Iowa State University of the loss of a bond in the denomination of \$5,000 which was identified as being part of the 1973 issue of academic revenue bonds for Iowa State University.

A similar situation developed in 1982. At that time bond counsel advised that there is no specific provision for the replacement of lost, destroyed, or stolen bonds in either the statutory provisions under which these bonds are issued or in the bond resolution adopted by the board on May 10, 1973, to authorize their issuance. Bond counsel has taken the approach that the provisions of Section 554.8405 of the Code of Iowa, which is of general application to investment securities, are sufficient to permit the board to authorize the issuance of duplicate bonds in this instance upon satisfaction of the requirements of that section. These requirements require that the owner of the original security must:

- a. so request before the issuer has noticed that the security has been acquired by a bonafide purchaser;
- b. files with the issuer sufficient indemnity bond; and
- c. satisfies any other reasonable requirement imposed by the issuer.

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Lee Boye of Chapman and Cutler would draft a resolution setting forth the above conditions and authorizing the issuance of the duplicate bond together with appropriate coupons. The cost incurred in connection with the furnishing of the duplicate bond will be borne by the brokerage firm. The Board Office and Iowa State University will work with the firm to ensure that the other conditions of the resolution are followed.

MOTION:

The Board took up for consideration the matter of authorizing and issuing a duplicate Academic Revenue Bond, Series I.S.U. 1973, in the amount of \$5,000. Whereupon Member Harris introduced and caused to be read a resolution entitled "A resolution authorizing and providing for the issuance of a duplicate Academic Revenue Bond, Series I.S.U. 1973, in the amount of \$5,000." Member Neu seconded the motion and, after due consideration by the board, the President put the question on the motion and upon the roll being called the following voted:

AYE: Anderson, Harris, Jorgensen,  
McDonald, Murphy, Neu, Brownlee

NAY: None

ABSENT: Duchon

Whereupon the President declared the motion duly carried and said resolution adopted.

SALE OF \$18,000,000 STATE BOARD OF REGENTS OF THE STATE OF IOWA ACADEMIC BUILDING REVENUE BONDS, SERIES I.S.U. 1983. The Legislature and the Governor in Senate Concurrent Resolution 13 authorized sale by the board of \$63,780,000 in academic building revenue bonds for the period beginning July 1, 1983, and ending June 30, 1985. The first two sales totaling \$10,000,000 for the State University of Iowa and \$8,515,000 for the University of Northern Iowa occurred at the July board meeting. Iowa State University is authorized to issue this biennium a total of \$30,495,000 in bonds which would fund the following projects;

Agronomy Addition - Construction and Equipment	\$26,050,000
Cooling Tower Replacement	1,700,000
Central Chiller Plant Addition	2,600,000
Issuance Costs	145,000

The board proposed to sell bonds for Iowa State University in two segments, of which this was the first.

Details of these bonds, as found in the resolution authorizing and providing for the issuance of the bonds, are as follows:

- The bonds shall be issued November 1, 1983, and will be issued as fully registered bonds without coupons in the demonination of \$5,000 and any integral multiple thereof. Bonds shall bear interest with such interest payable semiannually on January 1 and July 1 in each year

commencing July 1, 1984. Bonds will mature in numerical order with the first principal payment being made on July 1, 1986, in the amount of \$1,000,000 with succeeding payments of \$1,000,000 made each year through July 1, 2003.

- Bonds maturing on or after July 1, 1995, are redeemable by the board from any funds regardless of source or on any interest payment date on or after July 1, 1994, upon terms of par plus premium equal to  $\frac{1}{2}$  of 1 percent of the principal amount of any such bonds called for redemption for each year or a fraction thereof between the redemption date and the stated maturity of such bonds, but in any event not to exceed 3 percent of the principal amount of such bonds.
- The Treasurer of Iowa State University has developed procedures and computer programs for transfers and exchanges of bonds and payment of principal and interest and will act as bond registrar, transfer agent, and paying agent. Access to information regarding ownership of bonds will be subject to strict security procedures. Some of the duties and obligations of the bond registrar, as stipulated in Section 2.09 of the resolution, are:
  - to maintain a list of names and addresses of the owners of all bonds and, upon any transfer, to add the name and address of the new bond holder and eliminate the name and address of the transferor and to keep such records confidential provided, however, that the board or a state or federal agency shall have the right of access to such records to the extent permitted by the laws of the state of Iowa;
  - to give notice of redemption of bonds;
  - to cancel and destroy bonds which have been paid at maturity or upon earlier redemption or submitted for exchange or transfer;
  - to furnish the board at least annually a certificate or destruction with respect to bonds cancelled and destroyed;
  - to furnish the board at least annually an audit confirmation of bonds paid, bonds outstanding, and payments made with respect to interest on the bonds;
  - to have on file with the executive secretary of the board at all times a list of those officials authorized to authenticate bonds, which list shall contain specimen signatures of such authorized officials;
  - to maintain at all times an indemnity bond or bonds with respect to all persons performing any of the functions of the bond registrar in form and substance satisfactory to the board with one or more insurance companies satisfactory to the board and with coverage satisfactory to the board.

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The Board Office noted that the rest of the resolution is fairly standard language to previous academic revenue bond issues. Some of those key requirements include:

- Investment of bond proceeds is limited to direct obligations of the United States Government.
- Additional bonds can be issued only when the aggregate student fees and charges collected by the university during the last preceding fiscal year were equal to at least 125 percent of the maximum amount that would become due in any fiscal year during the life of the presently outstanding bonds and all payments into the bond reserve fund are in all respects current. Estimated coverage at this time under that stipulation for 1983-84 is 370 or 245 percent greater than required.

The board has had eight prior issues for Iowa State University before the current issue totaling \$50,510,000 of which principal outstanding totals \$41,155,000.

President Brownlee called the meeting to order at 11:00 a.m., central daylight time, October 20, 1983. The roll being called, there were present S. J. Brownlee, president, in the chair, and the following named board members: Anderson, Harris, Jorgensen, McDonald, Murphy, and Neu. Member Duchon was absent.

President Brownlee stated that this meeting was for the purpose of receiving separate sealed bids on the sale of \$18,000,000 Academic Building Revenue Bonds, Series I.S.U. 1983, of the State Board of Regents of the State of Iowa.

President Brownlee requested the filing of all sealed bids. After making a second and third call for the filing of sealed bids, President Brownlee announced the closing of receipt of sealed bids.

President Brownlee introduced Elwood Barce, Vice Chairman of Speer Financial, Inc., Chicago Illinois, the board's bond consultants.

President Brownlee directed the executive secretary to open the sealed bids and asked Mr. Barce to read the sealed bids. Mr. Barce reported that two bids were received. The bids were as follows:

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Bidders	Price	Coupon	Rates	Net Interest
Merrill Lynch Capital Markets - Minneapolis and	100.0000	1986-1987	9 1/2%	8.3855%
Dain Bosworth, Inc. - Minneapolis and		1988-1990	8 1/2%	\$16,855,000
E. F. Hutton & Co., Inc. - Des Moines - Jt. Mgrs.	AWARDED	1991-1995	8.00 %	
Blyth Eastman Paine Webber, Inc. - New York		1996	8.20 %	
United Central Bank of Des Moines, N.A.-Des Moines		1997	8.40 %	
Hawkeye Bancorporation - Des Moines		1998-2003	8 1/2%	
A.I.D. Securities Corporation - Des Moines				
John Nuveen & Co., Inc. - Chicago and	100.0000	1986-1988	9.40 %	8.7063%
Continental Illinois National Bank and Trust		1989	8.60 %	\$17,499,667
Company of Chicago - Chicago and		1990-1993	8.00 %	
Smith Barney, Harris Upham & Co., Inc.-New York and		1994-1996	8.60 %	
Securities Corporation of Iowa - Cedar Rapids and		1997-1998	8.80 %	
Becker & Cowrie, Inc. - Des Moines and		1999-2003	8.90 %	
Prudential-Bache Securities, Inc. - New York and				
Shaw, McDermott & Co. - Des Moines and				
R. G. Dickinson & Co. - Des Moines and				
Juran & Moody, Inc. - St. Paul and				
Norwest Bank Des Moines, N.A. - Des Moines and				
Piper, Jaffray & Hopwood, Inc. - Minneapolis and				
Clayton Brown & Associates, Inc. - Chicago - Joint Managers				
Alex Brown & Sons - Baltimore				
Boettcher & Company - Denver				
Griffin, Kubik, Stephens & Thompson, Inc.-Chicago				
A. G. Edwards & Sons, Inc. - St. Louis				
Hutchinson, Shockey, Erley & Co. - Chicago				
Underwood, Neuhaus & Co., Inc. - Houston				
Robert W. Baird & Co., Inc. - Milwaukee				
Oppenheimer & Co., Inc. - New York				
Sears Bank and Trust Company - Chicago				

Mr. Barce said the bids had been calculated. The best bid was that of Merrill Lynch Capital Markets, at a net interest rate of 8.3855 percent. He thought this a good bid, in line with the market, and he recommended acceptance.

MOTION:

This being the time and place fixed by published notice, the board took up for consideration the matter of bids for the purchase of \$18,000,000 Academic Building Revenue Bonds, Series I.S.U. 1983, of said board. After all sealed bids had been opened, the results thereof were incorporated in a resolution entitled, "Resolution providing for the sale and award of \$18,000,000 Academic Building Revenue Bonds, Series I.S.U. 1983, and approving and authorizing the agreement of

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such sale and award." Member McDonald moved that said resolution be adopted, seconded by Member Harris, and the roll being called the following voted:

AYE: Anderson, Harris, Jorgensen,  
McDonald, Murphy, Neu, Brownlee

NAY: None

ABSENT: Duchen

Whereupon the president declared said resolution duly adopted and signed his approval thereto.

MOTION:

The board took up for consideration the matter of authorizing and issuing \$18,000,000 Academic Building Revenue Bonds, Series I.S.U. 1983. Whereupon Member Anderson introduced and caused to be read a resolution entitled "A Resolution authorizing and providing for the issuance and securing the payment of \$18,000,000 Academic Building Revenue Bonds, Series I.S.U. 1983, for the purpose of defraying costs of buildings and facilities on the campus of the Iowa State University of Science and Technology," and moved that said resolution be adopted. Member Murphy seconded the motion and after due consideration by the board the president put the question on the motion and upon the roll being called the following voted:

AYE: Anderson, Harris, Jorgensen,  
McDonald, Murphy, Neu, Brownlee

NAY: None

ABSENT: Duchen

Whereupon the president declared the motion duly carried and said resolution adopted.

MOTION:

Mrs. Jorgensen moved that all certified checks submitted by bidders, except that of the best bid, be returned. Mrs. Murphy seconded the motion and it passed unanimously.

MOTION:

Mr. Neu moved that the firm of McGladrey Hendrickson & Co., Des Moines, Iowa, be employed as bond auditor. Mrs. Anderson seconded the motion and it passed unanimously.

President Brownlee thanked Mr. Barce for his assistance.

PROPOSED NATIONAL SOIL TILTH CENTER. It was recommended that the board authorize Iowa State University to continue appropriate negotiations for the federal facility regarding Soil Tilth with the understanding that the university will bring additional recommendations to the Board of Regents as authority is needed.

The Board Office reported that part of the continuing resolution adopted by Congress a few weeks ago was an appropriation for the first year of the development of a National Soil Tilth Center. Iowa State University is actively negotiating with federal officials on the location and planning of such a center on the ISU campus. While appropriations have not been made for funding beyond the first year, university officials were hopeful that such funds will be included as a part of the 1984 fiscal year appropriation. The total appropriation needed to carry out the planning and construction for this project totals \$17,180,675. These costs were estimated by the university using current experience at ISU and upon estimated cost of the new Agronomy Building addition currently being designed for construction during the same general period of time.

It is proposed that the staffing and operating budget would be provided by the U.S. Department of Agriculture. The university said assuming a full staffing component, the annual operating budget would approximate \$3 million. The cost of utilities will be part of the negotiating and planning between the university and federal officials.

The university was not requesting any specific approval at this time but was seeking the board's authorization to continue to negotiate with federal officials on the planning of this facility. The university indicated that it would need to be involved as a partner in all planning, development, and construction to accomplish proper integration of the structure within the campus.

President Parks said this was good news for Iowa State University. In answer to questions from Regent Anderson, he said this had definitely been authorized by the federal government. The university needed only to negotiate some of the specific arrangements. The university will be called upon to make land available on campus but it is a federal installation with the cost borne by the federal government. Completed, it will be operated jointly by the university and the Department of Agriculture.

President Parks said the research organization in agriculture has been justly criticized for duplication and lack of coordination. There has been a movement in recent years to establish national centers for particular kinds of research to eliminate this duplication. Ever since 1959, a national soil tilth research laboratory located somewhere in the Corn Belt has been proposed. During this 24-year period, Iowa State University on a number of occasions expressed interest in having this national center located on the university campus.

Regent Anderson commented that this appeared to be a major accomplishment for Iowa State University. President Parks said the university thought so; it is a bright spot in a year of fiscal constraints.

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MOTION:

Mrs. Anderson moved that the board authorize Iowa State University to continue appropriate negotiations for the federal facility regarding Soil Tilth with the understanding that the university will bring additional recommendations to the board as authority is needed. Mr. Neu seconded the motion and it passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. The Board Office stated that the final register for the period of September 16 through October 20, 1983, had been received, was in order, and was recommended for approval.

The board was requested to ratify executive secretary award of the following construction contract:

Utilities -- Cooling Tower Replacement--Contract #3--Piping and Wiring  
Award to: Baker Mechanical, Inc., Des Moines, Iowa \$676,670.00

The Board Office noted that the university would be submitting an amended project budget showing this contract award within the context of the overall \$1,700,000 project funded by academic revenue bonding. This amended budget will show a total of about \$1,232,951 in contracts having been awarded and approximately \$309,000 reserved for future contracts.

The board was requested to approve the following new project:

Waste Chemical Handling Facility Addition  
Source of Funds: Overhead Reimbursement for Use of Facilities \$200,000.00

The university plans to add a 3,500 square foot addition to its Waste Chemical Handling Facility to handle and store PCB contaminated transformers and capacitors and accumulated liquid PCB wastes awaiting treatment and/or shipment. The addition will include space for radioactive waste handling operations that must be moved from Ames Laboratory Facilities as a result of the decommissioning and closing down of the Ames Laboratory Research Reactor. The university noted its intent to negotiate with Rietz Engineering Consultants of Ames for design services. That contract will come to the board for approval or ratification.

The board was requested to take action on the following consultant contracts:

Utilities--North Campus Storm Sewer Addition--Foundation Drain System for Tunnel "D"  
Ratify selection of Engineering Plus of Ames, Iowa, to furnish design and construction monitoring services with compensation to be on an hourly basis to a maximum of \$8,000.

Agronomy Addition

In September the university presented an item which would modify the architectural services agreement on this project in two ways: one

involved designing basement space and the second change involved design services for a comprehensive remodeling of the existing Agronomy Building. The university had now modified its proposal to provide, first, for design services to add basement space for approximately 13,600 feet in an area under the addition that is not required for building functions and that was previously planned to be unexcavated. The university believes it can obtain this space at a relatively low cost and plans to utilize 13,000 square feet of the space as unfinished general storage at an estimated construction cost of \$14.32 per square foot and 600 square feet for potential use as a Computation Center Satellite facility at an estimated construction cost of \$51.58 per square foot. Compensation for architectural services would be based on an hourly rate to a maximum fee of \$10,600 for general storage and \$11,400 for the Computation Center Satellite. Source of funds for this \$22,000 is listed as Use of Facilities Funds, not the project budget.

The second proposal involves certain changes in the Greenhouse structure which requires additional design services made at the request of the university with compensation based on hourly rates to a maximum of \$4,200. These adjustments will be paid by the contractor.

MOTION:

Dr. Harris moved that the board approve the Register of Capital Improvement Business Transactions for the period of September 16 through October 20, 1983; ratify award of the construction contract made by the executive secretary; approve the new project; authorize negotiation for design services; ratify the consultant contracts; and authorize the executive secretary to sign all necessary documents. Mr. McDonald seconded the motion and it passed unanimously.

President Brownlee then asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to Iowa State University. There were none.

## UNIVERSITY OF NORTHERN IOWA

The following business pertaining to the University of Northern Iowa was transacted on Thursday, September 23, 1982.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes were ratified by general consent of the board.

OTHER PERSONNEL TRANSACTIONS. The board was requested to approve the following personnel transactions:

### Resignation:

Dr. John E. Bernthal, Professor and Head of the Department of Communicative Disorders, effective December 16, 1983.

### Retirement:

Dean Clifford G. McCollum, Professor and Dean of the College of Natural Sciences, effective July 1, 1984.

### Change of Status

Dr. Jack B. Yates, from Associate Professor of Psychology to Associate Professor and Acting Head of the Department of Psychology for the spring semester 1984. Salary: \$24,763 including \$900 supplement for spring semester.

Professor Virgil C. Noack, from Assistant Professor to Assistant Professor and Acting Head of the Department of Sociology and Anthropology for the spring semester 1984. Salary: \$26,200 including \$900 supplement for spring semester.

Dr. Clifford L. Highnam, from Associate Professor of Communicative Disorders to Associate Professor and Acting Head for the spring semester 1984. Salary: \$27,194 including \$900 supplement for spring semester.

Vice President Martin said Dean McCollum is an exemplar of collegiate application and scientific expertise as well as an administrator of surpassing excellence. He had given UNI a great many years of distinguished service.

President Curris introduced Dr. Richard H. Stinchfield who had become Director of Planning and Policy Management on October 3, 1983. President Brownlee welcomed Dr. Stinchfield on behalf of the board.

PROFESSIONAL AND SCIENTIFIC CLASSIFICATION. It was recommended that the board approve the addition of the title Coordinator of Interior Design Services in pay grade 4 (\$19,549-\$28,685) of the University of Northern Iowa's Professional and Scientific Classification and Compensation plan.

The Board Office explained that the university has need for a full-time person to supervise and coordinate interior furnishings and design for new construction and remodeling projects. The position will report to the Director of Facilities Planning in the Physical Plant Department and perform work that is now done, to a limited extent, by other purchasing and Physical Plant Department staff or contracted with outside firms on a project-by-project basis. The proposed pay grade was determined by application of the university's point evaluation system. Funds for the new position are available within existing resources, according to the university.

Mr. Volm noted that the description of the proposed classification had not included the educational requirement of a bachelor's degree in interior design, and this would be added.

Regent Anderson asked whether this position had counterparts at the other two universities. Mr. Volm said ISU and SUI each have an interior designer. However, these positions do not have the purchasing and contract management responsibilities of the proposed UNI position. The pay grade for the position at UNI is slightly higher because of these management responsibilities.

MOTION:

Mrs. Anderson moved that the board approve the addition of the title Coordinator of Interior Design Services in pay grade 4 (\$19,549-\$28,685) of the University of Northern Iowa's Professional and Scientific Classification and Compensation Plan. Mrs. Jorgensen seconded the motion and it passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. The Board Office reported that the final register for the period of September 2 through October 6, 1983, had been received, was in order, and was recommended for approval.

The board was requested to approve the following revised project budget:

<u>Gilchrist Hall--Renovate HVAC System</u>	
Source of Funds: Capital Appropriations	<u>\$566,000.00</u>

The Board Office said this budget revision reflects the adjusted project costs after \$134,000 was reverted as a result of budget adjustments. The project was originally funded at \$700,000, but could now be fully accomplished for \$566,000.

The board was requested to approve the Final Reports on four projects. The most significant change came in the Seerley Hall--Management Development Facility project. The original budget was \$63,000 funded from \$13,000 in Building Repairs funds and \$50,000 fundraising by the UNI Foundation. The final report showed actual expenditures to be \$12,819.52 from Building Repair funds and \$23,014.63 from the UNI Foundation.

The board was requested to take action on the following consultant contracts:

Turbine Generator, Plant #2, 7500 KW

Approve payment of an additional \$1,332.44 to Brown Engineering Company, Des Moines, Iowa, for additional work undertaken at the request of the university.

Fire Safety Deficiency Corrections--Academic Buildings--Phase II

Ratify selection of Shive-Hattery Engineers, Waterloo, Iowa, to investigate and prepare a report regarding the building electrical system in Wright Hall. The electrical system must be improved to allow additional electrical loads and to improve fire safety conditions. The fee shall be on an hourly basis to a maximum of \$1,450.

MOTION:

Mr. Neu moved the board approve the Register of Capital Improvement Business Transactions for the period of September 2 through October 6, 1983; approve the revised project budget; approve the final reports; ratify and approve the consultant contracts; and authorize the executive secretary to sign all necessary documents. Mrs. Murphy seconded the motion and it passed unanimously.

President Brownlee then asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the University of Northern Iowa. There were none.

## IOWA SCHOOL FOR THE DEAF

The following business pertaining to the Iowa School for the Deaf was transacted on Thursday, October 20, 1983.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for September 1983 were ratified by general consent of the board.

SCHOOL AND HOLIDAY CALENDARS. It was recommended:

1. That the board approve the school calendar for the 1984-85 and 1985-86 school years; and
2. That the board approve the holiday schedule for the 1983-84 and 1984-85 fiscal years.

The Board Office explained that state approved schools must meet for at least 179 student-teacher contact days plus one teacher training day per school year. Each of the proposed school year calendars fulfills these requirements. The 1984-85 school year contains 10 at-home weekends, and the 1985-86 school year contains nine at-home weekends, including Thanksgiving, Christmas, and Easter holidays. The calendar is constructed with strong consideration for two additional factors: having inter-school athletic competitions on weekends students are at ISD and maximizing shutdown periods at the campus for energy conservation purposes.

In regard to holidays, board policy and the nonprofessional collective bargaining contracts provide for 11 holidays each year. These holidays are included in the proposed calendar. The Board Office noted that the proposed calendar was reviewed by Mr. Bill Snyder in the office of the State Director of Employment Relations and has been found to meet the state's requirements.

MOTION:

Dr. Harris moved (1) that the board approve the school calendar for the 1984-85 and 1985-86 school years; and (2) that the board approve the holiday schedule for the 1983-84 and 1984-85 fiscal years. Mrs. Jorgensen seconded the motion and it passed unanimously.

APPOINTMENT OF PART-TIME CURRICULUM COORDINATOR. It was recommended that the board approve the appointment of a part-time curriculum coordinator, Marsha Anderson.

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This proposed appointment is a replacement for Wade Karli, a full-time curriculum coordinator who recently resigned from the Iowa School for the Deaf. It was proposed that Marsha Anderson, an ISD staff member since 1966 and currently a full-time teacher, be appointed as curriculum coordinator on a half-time basis. In her new responsibilities, Mrs. Anderson will continue to teach half-time but will devote the remaining time to curriculum coordination. The Board Office noted that it was its understanding that this is a permanent change and is related to the reorganization which is under consideration at the Iowa School for the Deaf. It was also the understanding of the Board Office that the appointment of Mrs. Anderson would not raise any certification issues with the Iowa Department of Public Instruction. There will be no change in salary.

MOTION:

President Brownlee stated that the appointment of Marsha Anderson was approved by general consent of the board.

ANNUAL REPORT. It was recommended that the board receive the annual report from the Iowa School for the Deaf for 1982-83.

The annual report consists of 21 separate reports on various aspects of the school. The Board Office summarized these reports as follows:

The report on Total Communications by Marianne Giangreco outlines the history, development and current status of the total communication education program at the Iowa School for the Deaf. This program consists of speech, speech reading, listening, manual communications, reading, subject matter writing, art, drama, music, media, and numerical expression in mathematics. During the course of a student's program, education and training is offered in all of these areas. This program supports the policy of ISD on total communication as a basis for the school's program. Total communication gives the deaf child the right to choose from many communicative options that he/she requires for meaningful communication and understanding.

In the Lower Elementary Department the goal is to provide emotional and social growth for each child. The Junior High Department, which is composed of three grade levels, provided during the last year various academic and social opportunities that included attendance at various performances, museums, and field trips. A major goal of the High School Department is to continue to promote individual intellectual and social maturation through the various academic course offerings and extracurricular activities. The annual report for this area included the institutions attended by the 1983 class of college-bound students.

The Career Education Department explores the areas of industries where those employees that are flexible in skills are in the greatest demand. It attempts to provide opportunities to learn these skills for students at ISD.

The Severely Handicapped deaf student program (known as L.I.F.E.) provides numerous programs and activities for this population which is described

as possessing handicaps in addition to deafness. Special programs have been implemented that include physical therapy, living independently, fundamental education program, elementary and junior high school instructional resource areas, and programming for the deaf-blind student.

The Lower Elementary and Junior Resource Room report notes that the resource room is a learning center in which the child receives individual instruction. Students work on Apple, Franklin, and PET computers. Students receive drill and practice using educational programs in the areas of Mathematics, Language Arts, Spelling and Social Studies.

The Closed Circuit Television System at ISD was provided with help from Iowa Public Broadcasting Network. The television distribution system at ISD includes the entire campus. Currently, timers are being installed to operate the system at night so it can be used for student tutorial aid and for houseparent in staff in-services.

The Curriculum is in, according to the school, a revitalization process. Subject area committees have been formed consisting of faculty members. New curricula are being designed to meet the diverse needs of the student population.

Enrollment Trends and Projection Report notes that children with rubella-related defects from the 1963-65 epidemic are beginning to graduate from the ISD program. In spite of profound educational problems of these children, 23 students mastered the Gallaudet entrance examinations. Now confronted with a much broader range of ability levels among its students, the school has worked hard to establish programs to serve its varied populations and has made some modifications in the facilities. According to the institution, pre-school and primary grade students are enrolling in larger numbers than anticipated. This phenomenon may be directly related to the Parents/Infant Institute conducted annually at ISD, as well as the ability of the school to serve a more varied population. The official enrollment count for fall 1983 at the school is 257.

The report on Parent Training notes the development of the parent consultant program and describes the duties and responsibilities of the staff. The Child Study Center was approved by the board in 1978 for the purpose of helping to insure the provisions of Public Law 94-142, that every handicapped student has an appropriate diagnostic educational assessment leading to the development of his/her Individualized Educational Program. Among the various professionals participating in the development of the students' educational program are a psychologist, audiologist, educational evaluation, the student's classroom teacher, speech and language pathologist, parent consultant, head nurse, physical therapist, school physician, administrative aide, principals, deans, and houseparents.

The report on the Student Health Services provided goals and objectives for the 1983-84 year and did not provide information on the past year. Carrying out its various functions, the health service works closely with the school physician and family physicians of students.

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The Work Experience Program was set up as a joint program between the school and the Iowa Western Community College. The budget for this program is funded by both institutions with ISD picking up the greater percentage of the funding each successive year. The report gives information on placement of students in various businesses since 1979-80. Also noted in the report are various off-campus sites where students are employed.

Art Activities of students have been promoted by the administration and faculty in part as a result of several projects at the school which promoted the value of art and art-related activities. Such activities continue to increase both in and out of the classroom. Included is a new creative approach to teaching the hearing-impaired, a program that was presented to the board last year.

The Sports Activity report indicates that any student enrolled at ISD, with parental permission and proof of a doctor's physical examination, is eligible to participate in interscholastic athletics. Students at the school have won numerous kinds of recognition for their athletic achievements.

The Dormitory staff has contributed to another year of continuous refinement of the after-school program of extra-curricular activities, social development, recreational skills, and wholesome living habits. Those activities are to provide experiences that complement the school's program and home life so each student possesses independent living skills for a fuller life after graduation. The main objective of the Recreation Department is to enhance the leisure time activities of the residential students and better prepare them for that life after they leave the school. These are provided through a social program, physical program, and an arts and crafts program.

The Public Relations activities were integrated into the Child's Study Center after its establishment in 1978. The need for this service was an outgrowth of the commitment to expand public awareness of the achievements and activities of the students attending the Iowa School for the Deaf and of the comprehensive educational and extra-curricular programs offered by the school. Information is disseminated to the media through a wide variety of sources.

The last report concerns the Business Office Activities. This report indicates the organization, structure, and job responsibilities of the business office.

Superintendent Giangreco noted that many of the items covered in this report were discussed by the board at the beginning of this board meeting. A complete copy of the report is on file in the Board Office.

MOTION:

President Brownlee stated that the annual report for 1982-83 from the Iowa School for the Deaf was received by general consent of the board.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. There were no transactions for September 1983.

President Brownlee then asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to Iowa School for the Deaf.

Superintendent Giangreco introduced four students to the board: Paula Kruse, Brenda Kruse, Kelly McComas, and Scott Johnson. On behalf of the students, Scott Johnson thanked the board for its support and for all of the things the Regents had done for the students at Iowa School for the Deaf. The students presented each board member with a lapel pin.

There was no further business.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

The following business pertaining to the Iowa Braille and Sight Saving School was transacted on Thursday, October 20, 1983.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for August 21, 1983, to September 17, 1983, were ratified by general consent of the board.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. The Board Office reported that the final register for September 1983 had been received, was in order, and was recommended for approval.

The register contained a single item, a request that the board ratify selection of Shive-Hattery & Associates, Cedar Rapids, Iowa, to investigate, evaluate, and recommend long-term solutions to eave maintenance problems on six major campus buildings. Cost will be on an hourly rate basis to a maximum of \$3,800 funded by building repairs. The written report includes development of long-term maintenance alternatives for each building with accompanying cost studies. Execution of the projects will begin as either building repair or capital funds become available to the school.

MOTION:

Dr. Harris moved that the board approve the Register of Capital Improvement Business Transactions for September 1983; ratify the consultant contract; and authorize the executive secretary to sign all necessary documents. Mr. McDonald seconded the motion and it passed unanimously.

President Brownlee then asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the Iowa Braille and Sight Saving School. There were none.

ADJOURNMENT. The meeting of the State Board of Regents adjourned at 11:15 a.m. on Thursday, October 20, 1983.

  
R. Wayne Richey, Executive Secretary