The State Board of Regents met at the Hotel Fort Des Moines, Des Moines, Iowa, on Thursday and Friday, March 17-18, 1977. Those present were:

Members of State Board of Regents:

Mrs. Petersen, President
Mr. Bailey
Mr. Balridge
Mr. Barber
Mr. Brownlee
Mrs. Collison
Mr. Shaw
Mr. Slife
Mr. Zumbach

March 17
March 18

All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions

Office of State Board of Regents:

Executive Secretary Richey
Mr. Abel
Mr. Barak
Mr. Caldwell
Mr. Maxwell
Mr. McMurray
Mrs. Mininger
Mr. Wolf
Pauline K. Van Ryswyk, Secretary

March 17
March 18

All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions
All Sessions

State University of Iowa:

President Boyd
Vice President Brodbeck
Vice President Jennings
Director Hawkins
Director Tobin

March 17
March 18

All Sessions
Exc. 11:45 a.m.
All Sessions
Exc. 11:45 a.m.
Exc. Noon
Arr. 10:50 a.m.
All Sessions
Exc. 11:45 a.m.
All Sessions
Exc. 11:45 a.m.
Exc. 11:45 a.m.
Arr. 10:50 a.m.

Iowa State University:

President Parks
Vice President Christensen
Vice President Hamilton
Vice President Moore
Assistant Vice President Madden
Assistant to President Madden

March 17
March 18

All Sessions
Exc. 11:50 a.m.
All Sessions
Exc. 11:50 a.m.
All Sessions
Exc. 11:50 a.m.
All Sessions
Arr. 11:00 a.m.
All Sessions
Exc. 11:55 a.m.
All Sessions
Exc. 11:55 a.m.
All Sessions
Exc. 11:55 a.m.

University of Northern Iowa:

President Kamerick
Provost Martin
Vice President Stansbury
Vice President Voldseth
Director Kelly

March 17
March 18

All Sessions
Exc. 11:55 a.m.
All Sessions
Exc. 11:55 a.m.
All Sessions
Exc. 11:55 a.m.
Arr. 2:15 p.m.
Exc. 11:55 a.m.

Iowa School for the Deaf:

Superintendent Giangreco
Business Manager Kuehnhold

March 17
March 18

All Sessions
All Sessions
All Sessions
All Sessions

Iowa Braille and Sight Saving School:

Superintendent Woodcock
Business Manager Berry

March 17
March 18

All Sessions
All Sessions
All Sessions
All Sessions
GENERAL

The following business pertaining to general or miscellaneous items was transacted on Thursday, March 17, 1977.

APPROVAL OF MINUTES OF THE FEBRUARY 17-18, 1977 MEETING. Approval of the minutes was postponed until tomorrow.

COMMITTEE ON EDUCATIONAL COORDINATION. A. General. Vice President Christensen noted that from time to time the Committee on Educational Coordination has made presentations to the board relative to educational activities at the three universities. In view of that fact, several persons representing each of the universities was introduced to speak to some of the significant developments of the universities over the past few years.

The first speaker introduced by Vice President Christensen was Dr. Edwin C. Lewis, Assistant Vice President for Academic Affairs, Iowa State University. Dr. Lewis spoke about: 1) the increased participation by the Media Resources Center in helping faculty members improve their teaching; 2) an innovative and extensive approach to the handling of large lecture classes through a project currently being conducted at Iowa State under a grant of $271,000 from the National Science Foundation (plus additional support from the university's own resources) to individualize the instruction in introductory courses in biology and zoology; and 3) research to aid agriculture. With respect to the latter, Dr. Lewis noted that in recent weeks Iowa State University has announced the development of a vaccine to control atrophic rhinitis, a respiratory disease which affects a substantial proportion of swine in the state and drastically slows their growth. Reduction in the incidence of this disease will speed up the maturing of swine for market by as much as 60 days, with a potential saving of $100 million a year for pork producers.

With respect to the project on innovative instruction for large classes, Vice President Christensen then introduced Dr. Warren D. Dolphin, Associate Professor, Zoology, Iowa State University, to the board. Dr. Dolphin indicated that Drs. Yola Forbes and Lawrence Mitchell of the Zoology Department are co-investigators with him on the project he's working on. He provided the specifics regarding the three-year project to individualize the instruction in introductory courses in biology and zoology under the grant Dr. Lewis referred to above. Dr. Dolphin speculated on the consequences of this project beyond the courses he mentioned and said he and his co-investigators are methodically developing and evaluating an alternative to the traditional large lecture which will serve as a model instructional strategy on and off the university campus.

Regent Bailey asked if the faculty at the university feels any infringement on their academic freedom by the above-mentioned research. Vice President Christensen said there is no sign of that feeling among the faculty. Regent Bailey then asked if the research noted above is voluntary as far as the faculty is concerned and Vice President Christensen responded in the affirmative.

In response to another question by Regent Bailey, Dr. Dolphin reported that each student must pass every academic unit to pass the particular course.
He noted that students with varied backgrounds enter college. He stated that some students enter college knowing all but 10% of the material. Those students are required to pass 100% of the test but they are directed to pick up 10% of the instruction. He said it is very similar to testing out for credit. Regent Bailey expressed his reluctance to accept credit by examination unless there is adequate educational background involved.

Regent Baldridge asked how many students constituted what Dr. Dolphin referred to as "very large enrollment classes" in terms of numbers, and commented about the need for counseling in large classes. Dr. Dolphin reported that when he referred to large enrollment classes he was speaking in terms of 200 to 400 students, for instance, in biological sciences. In answer to Regent Baldridge's second concern, Dr. Dolphin said he has operated a self-pace testing plan whereby a student's counseling needs can be taken care of in the classroom. Dr. Dolphin also said that some biological laboratory groups meet in groups of 16 to 30 students so there is a chance for small group interaction.

Vice President Brodbeck introduced Professor Robert D. Bartels, College of Law, University of Iowa, who reported on the College of Law's clinical education program. Dr. Bartels reported that, at present, the bulk of the University of Iowa College of Law's clinical education opportunities can be divided into two programs: the Legal Aid Clinic and the Prisoner Assistance Clinic. He presented the board with a detailed report on those clinical education opportunities. He stated that in the Legal Aid Clinic all students function essentially as attorneys with substantial responsibility for real cases, but each student is supervised by a regular staff attorney and by a College of Law faculty member. Students in the Prisoner Assistance Clinic advise and represent indigent inmates of state penal institutions (primarily the penitentiary at Fort Madison).

Regent Zumbach asked what the average number of hours per student per semester is in the overall clinic program. Dr. Bartels the average is roughly six hours per semester.

Dr. Gerald Solomons, Professor, Pediatrics, University of Iowa, reported that the University of Iowa has two programs for child abuse. One, University Hospitals, serves the child and the family. Secondly, the Child Abuse and Neglect Resource Center, a $750,000 center, funded by the Office of Child Development in the Department of Health, Education and Welfare, assists and provides supportive services to practicing professionals, agencies, associated personnel, community groups, and other persons involved in the area of child abuse and neglect. Project services are concerned primarily with service to professional practitioners rather than direct service to victims and their families. The center's programs are oriented to the resources, problems and needs of four states (Iowa, Nebraska, Kansas and Missouri) with a focus on rural and semi-rural communities. Activities involve four program areas: teaching and training, consultation, public information and education, and research. Dr. Solomons presented the board an extensive oral report on child abuse in the state of Iowa and nationally.

Dr. David A. Whitsett, Associate Professor, Psychology Department, University of Northern Iowa, was then introduced to the board. He presented the board diagrams intended to describe and give an example of a type of research, called "action research," which involves the application of behavioral science techniques to an organizational problem as a means of solving those problems. Dr. Whitsett gave a detailed oral report regarding
his work as an industrial psychologist. He reported he is funded under the Industrial Mental Health Grant.

Dr. Robert Waller, Associate Professor of Management, School of Business, University of Northern Iowa, was the next speaker. Dr. Waller presented the board written and oral remarks regarding Interpretive Structural Modeling which is a systems methodology that offers considerable potential for diagnosis and treatment of the learning disabled. He noted that learning disabilities, like any systems problem, involve elements and relations among these elements that are both numerous and intricate. The teacher who must effectively deal with these disabilities thus confronts problems of systemic complexity. Since Interpretive Structural Modeling is a methodology designed specifically to assist humans in confrontations with complexity, it seems to be well-suited to the needs of such teachers. Dr. Waller encapsulated the thrust of his teaching and research in the following phrases: "learning to live with uncertainty," and "to be able to make sense of complex problems."

LEGISLATIVE REPORT. In the memorandum from the Board Office, Mr. Richey summarized the actions to date in developing appropriations for the Board of Regents for 1977-78. The following figures were provided for reference:

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>Amount</th>
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<tbody>
<tr>
<td>in Regents' starting base (1976-77)</td>
<td>$178.9 million</td>
</tr>
<tr>
<td>in Comptroller's &quot;&quot;</td>
<td>178.1 million</td>
</tr>
<tr>
<td>in Regents' Request for 1977-78 (ex-</td>
<td>192.2 million</td>
</tr>
<tr>
<td>cluding salary increases)</td>
<td></td>
</tr>
<tr>
<td>in Governor's recommendation for 1977-78</td>
<td>178.8 million</td>
</tr>
<tr>
<td>(salary increases excluded)</td>
<td></td>
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</table>

The request of the Board of Regents included salary increases for faculty and institutional officials and professional and scientific staff while the Governor's recommendation excluded salary increases with the intent of recommending such increases separately at a later date.

The two subcommittees have met separately to deliberate on means for reducing the Governor's recommended appropriations for education in the amounts of $4.6 million and $7.5 million by the Senate and House, respectively, as established by the leadership. The Senate subcommittee has approved appropriations for the Board of Regents at the level of the Governor's recommendation except for a reduction of $400,000 for continuing education and deferral of action on appropriations for Iowa School for the Deaf and Iowa Braille and Sight Saving School. Consideration is being given to funding $1.5 million through the local school districts rather than through direct appropriations.

The House subcommittee has eliminated the $0.5 million amount for continuing education included in the Governor's recommendation and made other unstipulated reductions of $4.8 million for a total reduction of $5.3 million from the Governor's recommendation. The Senate Budget Committee has passed the appropriation as proposed by the subcommittee without change. The following table summarizes the figures:
Governor's Recommendation

Reduction of Continuing Education

Other reductions

Sub-total - Reductions

Net Appropriations after Reductions

<table>
<thead>
<tr>
<th>Senate Budget Committee</th>
<th>House Appropriations Subcommittee on Education</th>
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<tbody>
<tr>
<td>$178.8 million</td>
<td>$178.8 million</td>
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<tr>
<td>$ 0.4 million</td>
<td>$ 0.5 million</td>
</tr>
<tr>
<td>$ 0.4 million</td>
<td>4.8 million</td>
</tr>
<tr>
<td>$178.4 million*</td>
<td>$ 5.3 million</td>
</tr>
<tr>
<td></td>
<td>$173.5 million</td>
</tr>
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</table>

*This figure includes $2.8 million and $1.5 million which was recommended for Iowa School for the Deaf and Iowa Braille and Sight Saving School, respectively, in order to show comparable figures. The Senate Appropriations Subcommittee on Education deferred action on appropriations for these two schools, as noted above and passed appropriations of $174.1 million.

The Senate Budget Education Subcommittee bill, identified as S.F. 214, contains $90,000 for a family practice program. Included in the above figures is $13,099,000 for fuel and purchased electricity for which a separate section in the bill provides for "pass through" of excess costs and for use of savings for other purposes.

Mr. Richey said there was a strong attempt to gain restoration in the neighborhood of $5 million above the Governor's proposal for such things as adjustment for the budget base at Iowa State University for unfunded enrollment growth and approximately $3 million in federal fund losses for instruction in the health sciences aspect for next year plus some other badly needed programs that the board made specific reference to. The Senate action is not what the board would have desired, based on its presentation, but in view of the House subcommittee action which cut $5.3 million in appropriations from the Governor's recommendation, the Senate version is far preferable. The $5.3 million cut by the House subcommittee includes $500,000 for continuing education (primarily for Western Iowa) that the board requested plus $4.8 million in the operating bases of all the institutions under the board. The House subcommittee action does not, at this time, specify how the $4.8 million is to be cut. Complete flexibility is given to the Board of Regents.

Mr. Richey said he was asked to ascertain if there is a better way to cut the $4.8 million than to prorate. He said a strict proration of the proposed cut reduces $2.1 million for general university for research and instruction at the University of Iowa, $1.8 million in research and instruction at Iowa State University, $224,000 at Iowa State University extension service, $667,000 in the general education budget for the University of Northern Iowa. Mr. Richey reported that he responded to the proposed proration to the subcommittee and Legislative Fiscal Office by saying the board feels they would be very arbitrary and dangerous. The matter is to be brought before the Democratic caucus in the House. Mr. Richey commented that there is talk of some restoration in the House cut, most of which would be in the area school and private college area.
Mr. Richey stated that it is obvious that the board will not have the final decision of the legislature regarding Regents' appropriations until late April or May and the board's budget is to go into effect on July 1. It would take some rather drastic, quick action in order to make the reductions for the next fiscal year when we won't know until a month and a half to two months ahead of time.

It was noted by Mr. Richey that there is a possibility of severe impact on building maintenance (RR&A). The impact would also have strong effect on equipment and library books. Regent Collison stressed the need for flexibility in the Regents' budget request.

Regent Zumbach suggested that if the House committee proposal is accepted, the big losers in this whole business are going to be the students. The quality of instruction is going to be seriously impaired if the House recommendation is accepted and students are going to be paying for less. Students in good faith accepted the tuition increase proposed for next year on the basis that the legislature would meet them in a partnership to help maintain quality. That quality, however, is going to deteriorate if the House recommendation passes. He said he hoped that along with the board's response to the committee that particular thought would also be relayed.

President Petersen said the entire board is experiencing the same feelings as Regent Zumbach. She reiterated that the board did, in good faith, make a realistic appraisal of a fair share that the students should pay and they, in good faith, met with the Regents and accepted that as legitimate if quality education is going to continue.

President Petersen said some people have the myth that the body of higher education should amputate its "appendixes, tonsils and spleens" in order to meet the reduced appropriation monies. She said in reality, the Board of Regents has "amputated" as much as possible, already, prior to submitting its request and any further reductions in that would simulate removal of the "hearts, livers and other vital organs" of our institutions. She emphasized that the board must reinforce the importance of the request it presented the legislature. It must also emphasize the need for monies to replace federal fund losses, the adjustment to the base for Iowa State University, etc. Those things, she stressed, are the "heart" of these institutions.

Regent Collison said she feels the legislature needs to have further understanding of the board's decision-making process. She said the board needs to go into some kind of dialogue with legislators so they can understand why the board "prioritized" the way it did. She said that while the board can not say its needs are more important than any other needs in the state, it must bring needs into focus.

Regent Baldridge supported Regent Zumbach's position by saying if the appropriation level recommended now for the Regents goes through, the students will be penalized while the public doesn't pay its fair share. He concurred with a point made by Regent Bailey a month ago by saying there may be a need in the near future to have more state taxation.
President Petersen commented that when we look at the growth of Iowa's economy she looks at figures which indicate that down through the years Iowa has supported higher education very well in terms of its per capita wealth. But, in this point in time the percentage of that per capita resource pertaining to higher education has gone down and we see a stable growth of per capita income in our state but we have not resolved to invest the same proportion of that per capita income (at least in these tentative proposals) that has historically been the case. President Petersen urged that the board consider that kind of investment based on the resources of the state.

President Parks agreed with President Petersen's remarks and also expressed full agreement with Regent Zumbach's earlier comments by saying students are indeed the ones who would be having to bear the brunt of an inadequate appropriation to the Regents. He said on top of tuition being raised by 10%, the proposed cuts are going to be in general university categories. This is precisely the wrong place to do the cutting. President Parks said that perhaps the legislature doesn't realize that the entire Veterinary Medicine facility is included in Iowa State University's general university budget. One of the great additions to agriculture research supposedly would be the opening of the Meats Laboratory and Seeds Laboratory next year. This is extraordinarily important but there was no money projected for the $700,000 which would be required to open those buildings in the preliminary legislative recommendations. President Parks said catastrophic impact could occur to Iowa State University if the $1 million required for the base is not provided and the $700,000 is not provided.

President Boyd concurred with the concerns expressed by President Parks. He also reiterated that students agreed to a 10% tuition rate increase with anticipation of improved quality of instruction at the three universities. He said he feels the brunt of insufficient appropriations would be borne by the health colleges. The health colleges, he added, have nothing to do with the health service of Iowa City. He said that just like veterinary medicine is included in Iowa State's general university budget, the health colleges are included in the University of Iowa's general university budget.

President Kamerick commented that while the University of Northern Iowa's proposed cut is substantially lower than the other two universities, he said he hoped it would not be necessary for the institutions to specify where the cuts would come from.

Regent Slife said he feels the legislature should ask the board on a hypothetical basis to make the kind of profound judgment necessary to appropriate funds to the most needed areas with the monies provided to the board. He added that if the board ends up with the kind of catastrophic cut proposed by the House subcommittee, the board ought to maintain a maximum amount of flexibility in dividing the money in the institutions.

President Petersen commented she feels that anything the board might do to limit enrollments doesn't really solve any financial problem because it pushes those students in a state responsibility out in the area community colleges and private colleges. That probably would not be saving money in the long run.
Mr. Richey reported that he was just informed that the House Democratic Caucus voted to restore $1.9 million of the $5.3 million cut that the subcommittee made but that still leaves the board with a major problem in view of federal fund losses and the base adjustment at Iowa State University.

President Boyd noted that $6 million worth of medical service is rendered free to indigent patients of the state by the medical faculty at the University of Iowa. He asked how the university is to pay those faculty persons if federal funds are lost. He noted that the per capita county money just pays the hospital charge and not medical care.

President Petersen expressed her deep concern about access to the Regents institutions. She reminded members of the board that when the board studied tuition and raised tuition it increased the amount of student aid. She noted that shows up in the budgets in the general expense and special needs areas. President Petersen said if the board doesn't get the kinds of monies in those categories that it needs, student aid funds, which the board felt had to go hand in hand with the tuition increase, are in great jeopardy. She said the board is going to see a real struggle over those funds and it will be very difficult to maintain those levels of student aids in the proportion that we would in terms of the tuition increase.

President Petersen stressed that institutional officials, board members, and Board Office representatives should continue dialogue with legislators in communicating to them that the board feels that the minimum kind of appropriation for the Regents is the Governor's recommendation with consideration of the federal fund losses and need for adjustment in the Iowa State University budget base. We have to also comment about the tuition problem, student aid problem, the enrollment problem, the program problem, and other problems such as extension. She said the board needs to look at these things noting the real dilemma it puts us in in terms of services to the state, qualities of education, and effective ways of generating savings.

MOTION: Mr. Brownlee moved the president of the Board of Regents, the Board Office, Regent Baldridge, and the three university presidents formally request a meeting for a dialogue with the joint subcommittee to tell them the things the board has been discussing this morning. Mr. Shaw seconded the motion.

Mr. Richey said the joint subcommittee is probably not the place where the real action is being directed, but, rather, the House Budget Committee, in terms of the problem the board's talking about. Regent Brownlee concurred with Mr. Richey's suggestion but added that the Senate should not be omitted.

VOTE ON MOTION: The motion passed unanimously.

COMMITTEE ON EDUCATIONAL COORDINATION (continued). B. Proposed Catalog Changes for Iowa State University for 1977-79. The board was requested to approve the proposed catalog changes as per Iowa State University's request and the recommendation of the Interinstitutional Committee on Educational Coordination.
The university reported that the proposed changes did not include any new programs. A copy of the changes and trends was submitted to the board in February along with the catalog material.

The Board Office noted it felt several portions of the proposal warranted the attention of the board. First, the Department of Industrial Education intends to offer four courses in flight, a field in which no courses currently exist. The other three areas related to courses which appear to be proposed in support of either new degree programs or new curricula.

At its September 1976 meeting, the board approved a new curricula in Computer Engineering. The College of Engineering is proposing to offer seven new courses in this field. As Iowa State University indicated to the board that the new curricula would require no additional expenses for faculty during at least the first three years of the curricula, it was assumed that these new courses will be taught by present faculty of the Electrical Engineering and/or Computer Science Departments.

The Board Office also noted that the board approved a Bachelor's program in Nuclear Engineering at its September 1976 meeting. The College of Engineering is proposing to offer 12 additional courses (15 added, three dropped) in this area. Again, as Iowa State indicated that this new degree program would entail no additional faculty costs until the third year of the program, it is assumed that these additional courses will be handled by the present faculty of the department.

Finally, at its May meeting in May, 1975, the board approved an interdepartmental major in Industrial Administrative Science at the Master's level. The four departments to be involved were: Industrial Administration (primary) and Economics, Statistics, and Industrial Engineering (supporting). The current catalog proposal includes the addition of 17 courses in the Department of Industrial Administration by the College of Sciences and Humanities. It is assumed that the majority of these additions are planned as part of the Industrial Administration Sciences program. This seems to involve an added workload for the present Industrial Administration faculty (it is assumed that no new faculty will be employed to augment the new program as Iowa State indicated at the May 1975 board meeting that no new faculty would be needed until the second year of the program, and then less than one FTE faculty would be added that second year.) It was reported that while major enrollment has increased by almost 23%, faculty employed by the department has risen only 12%. It would seem that the department would be hard pressed to offer the new courses necessary for the new degree without employing additional faculty. Iowa State University stated that no new faculty would be needed to offer the degree.

The Board Office commended Iowa State University for the concise statements regarding trends and developments.

In response to the Board Office's comments, Vice President Christensen stated that every course that gets into the Iowa State University catalog is not necessarily offered. With respect to the Board Office concerns about Industrial Education, he reported that about one-half of the courses are at the undergraduate level. He emphasized that the new curricula would require no additional expenses for the faculty during at least the first three years of the curricula.
MOTION: Mr. Brownlee moved the board approve the proposed catalog changes as per Iowa State University's request and the recommendation of the Interinstitutional Committee on Educational Coordination. Mr. Bailey seconded the motion and it passed unanimously.

PROPOSED AMENDMENTS TO THE TORT CLAIMS ACT RELATING TO STUDENTS IN CLINICAL PROGRAMS. The board was requested to: 1) propose amendment of the Tort Claims Act, Section 25A of the Code to provide coverage to clinical students in the health sciences programs as follows: Students, interns and residents in the University of Iowa Hospitals, in hospitals away from the university, for residents from visiting hospitals at the University of Iowa, for students in the College of Veterinary Medicine at Iowa State University and for dental students at the University of Iowa. 2) That coverage under the Tort Claims Act for other students in clinical programs at the universities, where exposure to claims is relatively small, not be supported.

The Board Office reported that the question as to whether liability insurance coverage should be provided to students first surfaced in August, 1975 when the deans of the Colleges of Education at the three universities questioned the liability exposure for student teachers. The Regents' ad hoc insurance committee met in November of 1976 to discuss the concerns as raised by the deans. During the discussion it was felt that consideration should be given to extending liability coverage to students in other types of clinical programs.

The ad hoc committee recommended that the "clinical" programs listed below be accepted as the types of programs for which coverage under the Tort Claims Act would be sought:

Clinical Programs

I. Clinical students, interns, and residents in Health Sciences Programs in and off campus.

A. Interns and resident programs:
   1. in the University of Iowa Hospitals
   2. in hospitals away from the university
   3. for residents from visiting hospitals - SUI

B. College of Veterinary Medicine - ISU

C. Department of Food and Nutrition - ISU

D. Dental Programs - SUI

E. Patient Care Training - SUI

F. Medical & Nursing Students Training Programs - SUI
G. Physical Therapy Programs - ISU, SUI, UNI
H. Medical Associates and Assistant Programs - SUI
I. Muscatine Community Health Center - SUI
J. Speech Pathology and Audiology - UNI
II. Student Teaching Programs - UNI, ISU, SUI

III. Social Sciences Clinical Training Programs
A. School of Social Work - SUI
B. Field experiences with mental health centers, drug abuse programs and community based correctional programs - ISU, SUI, UNI

IV. College of Law Clinical Program - SUI

The recent cost for providing professional liability coverage for hospital residency programs at the University of Iowa Hospitals was slightly in excess of $500,000. The policy covers "each individual resident, intern, fellow and research fellow of the University of Iowa Hospital and clinic and the University of Iowa College of Medicine."

The following language was drafted in order to extend coverage under the State Tort Claims Act to clinical students:

Chapter 25A.2(3) of the Iowa Code be amended by adding at the end thereof the following sentence:

Persons engaged in programs designated by rule by the State Board of Regents as clinical activities which are a part of a course of study shall be considered employees of the state for purposes of this Act.

Chapter 25A.2(4) of the Iowa Code be amended by adding the following language at the end thereof:

"or, in the case of persons in a program designated pursuant to Ch. 25A.2(3) by the State Board of Regents, acting pursuant to the terms of the program as dictated by the State Board of Regents, an institution governed by the State Board of Regents, or those persons responsible for supervision of the clinical activities."

The Board Office noted that the language recommended by the ad hoc committee would provide for broad coverage for students under the Act, but only upon specific designation by the board.
The Board Office stated that the basic philosophical question as to whether the state should cover students for any liabilities that they encounter in performing work required by the universities as part of their curriculum is a difficult one. For those students in relatively low exposure situations as a part of their clinical training, such as teacher training, social work, etc., it could be argued that the relatively small cost of an annual premium for liability protection could be construed much the same as a laboratory fee or other incidental cost. These costs run from $8 to $20 per semester and would not appear to be an inordinate burden on the student. The universities could make arrangements for appropriate liability insurance to be purchased by the student at his or her discretion.

The board was informed that residents from the University of Iowa Hospitals serve in other hospitals and those hospitals, as a condition for acceptance of our students, require that liability coverage be furnished either by the student or by the University of Iowa. Since the board has a major interest in placing its students in appropriate training programs, particularly within the state to improve the chances of their remaining to practice in Iowa, the university feels that it should provide such liability protection. Because of the unusually high exposure of this group of "students" and the ambiguities as to their status and the consequent coverage under the State Tort Claims Act, it was recommended that an amendment to the Tort Claims Act be sought to provide unequivocally for their coverage.

In a memorandum dated March 15th to Mr. Richey from Mr. Randall Bezanson, Assistant to the President, University of Iowa, it was stated that the Tort Claims Act could be amended to narrowly extend the Act's coverage to a limited group of health care activities by adding the following sentence at the end of Chapter 25A.2(3) of the Code of Iowa:

   Resident and fellow physicians and dentists at The University of Iowa Hospitals and Clinics and residents and interns in the College of Veterinary Medicine at Iowa State University shall be considered employees of the state for purposes of this Act while assigned to periods of training at or away from such university facilities.

Mr. Bezanson reported that the effect of this language would be to extend unambiguous Tort Claims Act protection to all persons in the named programs, whether participating on or off the campus, and whether paid in full or in part by the university or an outside organization. He also noted that the groups to which protection would be extended by the proposed language are those groups with the clearest claim to protection under the Act as it now stands. He recommended the board seek an Attorney General's opinion than to propose a narrow and limited amendment to the Act at this time. Such an opinion would clarify the extent of the coverage provided for residents by the Act.

Mr. Bezanson commented that the more restricted amendment as drafted sidestepped the primary question which has given rise to the broader language proposed by the ad hoc insurance committee. Both in the medical setting and in a wide range of other programs at the three universities, increasing emphasis is being placed on clinical training in which students are potentially exposed to liability to third parties.

Mr. Bezanson further explained that over the past 10 to 20 years, there has been very dramatic changes in the curriculum in the three universities that
have been broadened by educational bases and accreditation requirements as well as legal requirements for licensing. In many respects, those changes have been toward clinical training which involves the student in a practical setting. The issue has arisen in a variety of clinical fields, many of which were outlined above. Mr. Bezanson reported that the board does not presently insure students in all of those political settings. Some of them are insured, while others aren't because insurance is not easily available. He explained the difficulty in gaining placement because recipient institutions will not take the groups unless the university is willing to accept liability for any negligent conduct of the students. He explained that this is a particularly acute problem regarding practice teachers.

Mr. Richey stated he maintained his recommendation that the Tort Claims Act cover some of the health science students who are in a relatively high risk situation. This would include students in veterinary medicine at Iowa State University. Mr. Bezanson said one problem in covering veterinary medicine students is determining whether protection should be extended beyond interns and residents to include some students. The reason for his concern centered from the fact that the variety of students involved in hospitals and clinics in veterinary medicine is very complex. He added that there are a variety of students within the university undergraduate schools who are doing and assisting in medical care in the University Hospitals as adjunct clinical experience to their undergraduate education. He expressed reservations about extending coverage to some students and not all students.

Assistant Vice President Madden made a few comments to the board as chairman of the ad hoc insurance committee. He said there is no question but that in the health area exposure is much greater than some of the other clinical and practicum types of programs. He said the ad hoc committee believes all of the institutions have very careful procedures in developing these programs and when an academic program is eventually approved, it involves experience that the same kinds of responsibility ought to be present in those programs whether in education, law or veterinary medicine. Mr. Madden also noted that he was not aware of any trends as to what the appropriate solution to this problem is at the present time. He noted that the private institutions, particularly the ones involved in research and medicine, are carrying blanket insurance policies. The Board of Regents, however, does not have the option to carry blanket insurance policies.

Regent Bailey asked if the board passed the broad form, with the Regents empowered to make the selection, as to whether or not it might be held liable by a student who wasn't covered on the basis that the board had the ability to cover him or her but neglected to do so. Mr. Bezanson said those students would be protected for any kind of liability unless notified otherwise. Mr. Bezanson added that he forsees no problem in that respect.

Mr. Bezanson reported that the cost of insurance coverage for practice teachers, for example, is skyrocketing and much of that insurance coverage is obtainable only on the exclusion of certain civil rights acts and those are the kinds of exposures that some of these students may have. He added that the medical setting is not necessarily the place where the highest exposure will take place.
President Kamerick commented on House File 186 by noting this bill limits recovery under the tort liability of governmental subdivisions act to $100,000 for one person and $300,000 to two or more persons for any one accident or occurrence. It was noted that the Board Office recommended opposition to this bill. The limitation on recovery against the state would probably cause more suits to be brought against the individual employees or officials. That possibility has been of a major concern to the board and the board would probably have to reinstitute liability insurance coverage to cover such eventualities, if this bill passed. President Kamerick said the University of Northern Iowa no longer has liability insurance.

In response to President Kamerick, Mr. Bezanson stated the legislature is now addressing limiting recovery of the Tort Claims Act to a total figure of $100,000. The limited recovery would be only against the state, leaving the individual the option to sue above that limit. Mr. Bezanson added that if the board might be subject to backlash by this provision to a much greater instance of liability exposure, the board might wish to revert to some level of additional coverage by private insurance.

Assistant Vice President Madden reminded members of the board that it terminated the Aetna policy and since that action taken at the January board meeting, the North River errors and omissions policy has been put into effect for the Regents' institutions. The North River policy is still in force but assuming we get this discovery period resolved within the next few days, it is likely that it will be cancelled.

Regent Shaw said he favored the Board Office's limited approach on this matter. He said if the board adopted an unlimited approach, it would run the risk of not being able to accomplish its principal need. He noted that 25 years ago the unlimited approach would never have been accepted by the state.

Regent Shaw noted an example of a practice teacher on assignment from one community to another and gets involved in an automobile accident. Regent Shaw said the board could get "well beyond what's necessary" with respect to the insurance question. He said if the board buys coverage beyond the clinical situation, it could lead to a situation where people would feel less responsible for their conduct. Mr. Bezanson emphasized that the board does not want to cover "all kinds of wild activities" and noted his recommendation authorizes the board to specify in detail, activity by activity, those clinical programs which will and which will not be covered. He said that is a substantial safeguard against the breadth of too much coverage.

Regent Collison raised some concerns about malpractice insurance. In response, Mr. Bezanson said that hospitals always insure residents one way or the other and didn't feel that issue had a direct effect on the matter at hand.

Regent Brownlee, referring to the proposed broad authority and discretion for the board, stated the board should consider whether the General Assembly is prepared to delegate that much authority as a political decision.

Regent Shaw noted that the board's discussion has touched on the fact that it wants to make absolutely sure that some student isn't going to be liable for something. He stressed that there are a lot of things that the board
can not compensate for by money. He said the board has to be very careful not to get clinical activities out where the board is providing professional service by saying we will give you dollars. He said the board can not structure its educational programs on that basis.

Regent Shaw noted that in some areas you have to learn by doing but he expressed skepticism of having people in "store front offices" performing services that the public may accept as just as good as services performed by persons with full education. He said the board can't give that impression. Mr. Bezanson reported that it is actually due to the excellent supervision of the clinical programs in the Regents institutions that the board has not had any significant instance of liability today. He stressed that the "potential" for future liability, however, is what must be protected.

With respect to clinical programs, Regent Zumbach said he feels they ought to facilitate the learning process a great deal in many instances. He said he would hate to see that particular option precluded because of the board's possible decision to not cover those students with insurance. He recommended the board request flexibility to designate the programs it wishes to insure. He added he feels the board could supervise such programs very effectively.

President Boyd asked if there should be some established guidelines regarding insurance coverage to be sure the board is not attempting to get into something it ought not to be involved in. President Boyd said "clinical" has broad implications and the amount of supervision involved also has influence in this whole matter. Regent Baldridge said there are guidelines for the Regents' programs. He said he feels they place very definite limitations on what the board can and can not cover.

Regent Collison noted that 10 to 15 years ago the board didn't really think in terms of the fact that anyone can sue but we certainly are now coming to grips with it. She said she would hate to think that the law student may some day have to practice "preventive law" or the student in teaching would have to teach "preventive practice teaching," etc. She explained that's exactly what happened approximately 15 years ago with the practice of medicine.

Regent Brownlee asked if either of the proposals before the board would save the University of Iowa a considerable portion of the $500,000 premium now being paid at the University Hospitals. Mr. Bezanson responded that the board can save a considerable portion of the present $500,000 premium without either of them, simply using the Attorney General's opinion. Regent Brownlee said he feels the board would lose a considerable sum of money by going for the "whole package" at one time.

In view of the board's discussion, Mr. Richey recommended the board hold off on any action until it gets the Attorney General's opinion and knows what it is dealing with. He noted that it is already very late in the legislative session and there is a very slim chance of getting broad coverage adopted. He said he feels the board would be in much better shape if it would get the opinion of the Attorney General and if that opinion eliminates the question, then the board saves $500,000 (or $800,000, which is proposed for the Insur-
MOTION: Mr. Bailey moved the board defer action regarding amendment of the Tort Claims Act until an opinion from the Attorney General is sought. He also requested that the board find out what other states are doing with respect to protecting students in clinical positions. Mrs. Collison seconded the motion.

Mr. Bezanson commented that he anticipated what Mr. Richey meant in his revised recommendation that the Attorney General opinion relate only to residents at University Hospitals and that it does not relate to students. We will defer to the next session of the legislature any possibility of legislation protecting students. President Petersen commented that as a practical matter it probably is too late in this session to receive the kind of consideration that this matter deserves.

VOTE ON MOTION: The motion passed unanimously.

President Petersen said she assumed that underlying the discussion of the board was agreement that there would be a concentrated study by the institutions on the whole question regarding student clinical experience. President Boyd concurred by saying the interinstitutional Committee on Educational Coordination would explore this matter further.

EXECUTIVE SESSION. President Petersen reported there were several matters to be discussed in executive session: a personnel matter at Iowa State University, a personnel matter at the University of Northern Iowa, a property matter that relates to the board, and strategy in regard to collective bargaining. President Petersen requested that the board's vote to enter executive session include approval to enter into executive session to discuss collective bargaining strategy between this meeting and the April meeting.

On roll call vote as to whether to enter into executive session, the following voted:

AYE: Bailey, Baldridge, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.

NAY: None.

ABSENT: Barber.

The board, having voted in the affirmative by at least a two-thirds majority, resolved to meet in executive session beginning at 3:00 p.m. and arose therefrom at 5:30 p.m.
The following business pertaining to general or miscellaneous items was transacted on Friday, March 18, 1977.

APPROVAL OF MINUTES OF FEBRUARY 17-18, 1977. The minutes of the Board of Regents meeting held February 17-18, 1977 were approved as corrected.

LEGISLATIVE REPORT -- FEBRUARY 10 THROUGH MARCH 9. The board was presented a detailed report of the bills being followed by the board which were not previously reported in the February docket item. The first part of the report highlighted 67 bills and resolutions which have been introduced since the February board meeting. The board was also presented a report on appropriations matters.

President Petersen recommended the board comment regarding specific bills rather than have it attempt to go through each of the bills individually. She noted that unless the board indicated otherwise, the positions indicated by the Board Office would stand.

Regent Bailey expressed his approval with the Board Office's position with respect to Senate File 189. This bill amends Section 262.9, subsection 2 of the Code and requires that salary schedules shall be established for each of the universities so that faculty members with comparable training and experience who are performing comparable duties at any of the three universities administered by the State Board of Regents shall receive equal compensation. The Board Office recommended opposing the bill as salaries should be based on the differences in responsibilities of the employee. The bill may also interfere with the current collective bargaining process. Mr. Richey added that the bill leaves the consideration of merit out completely.

President Petersen brought the board's attention to House File 57. She reported that of all the bills before the board this month this one could cause the most difficulty in regard to the board's purchasing. The Board Office reported that this bill as originally filed and as reported at the February meeting related totally to a new mandatory method of purchase of supplies and equipment from Iowa State Industries. The board opposed the bill at that time. The bill came out completely rewritten from the House State Government Committee. It has two sections which dramatically affect the Board of Regents' purchasing operations. The first section reads as follows as it amends Chapter 18 of the Code:
All bid specifications made under this Chapter and all other sections of the Code which require competitive bidding shall be written to allow as many vendors as possible to submit bids. Any potential vendor who believes the specifications for goods or services were written to arbitrarily preclude or favor a specific vendor may appeal the bidding procedure to a district court. Such appeal shall be made within 30 days of the notice to bidders. If the court rules the specifications arbitrarily precluded or favored a specific potential vendor, the agency or governmental subdivision shall pay all court costs including reasonable attorney fees for the complainant and commence new bidding procedures with the corrected specifications.

The Board Office reported that the second section which affects the board requires that state agencies or governmental subdivisions of the state shall submit bid documents to the Iowa State Industries on each occasion when any of the goods available from the Iowa State Industries are needed.

The Board Office reported that the bill, as rewritten insofar as the first section is concerned, could create an intolerable situation for Board of Regents' purchasing, State General Services' purchasing and Department of Transportation purchasing. Not only could all purchasing orders be held up by vendors going to district court, there is no way with the strong language of the bill to have requirements for compatibility and standardization of equipment. In such areas as drugs and chemicals, patient care products, research projects, a chaotic situation could develop. Also, most purchasing complaints from vendors are now worked out satisfactorily at the purchasing office level. As the bill reads, vendors would be led to believe that their first recourse would be district court. Purchase orders could be held up for lengthy periods under that procedure.

The Board Office stated that the second part of the bill dealing with sending bid requests to Iowa State Industries is acceptable. Iowa State Industries would still have to make their product lines more visible to state agencies but this new language would encourage a better relationship between Iowa State Industries and other state agencies.

Regent Collison commented with respect to House File 199 which requires that hospitals which wish to remain eligible for participation in Iowa's Medicaid program have governing boards which include women and minority members in reasonable proportion to their presence in the community population and which includes persons from low and medium, as well as high income groups, and that at least one-third of the membership of each such hospital's governing board be consumers. The bill does not apply to public hospitals.
whose board of trustees is publicly elected. Regent Collison noted the Board Office's recommendation was to amend the bill to exempt specifically the University Hospitals. She asked for clarification of the Board Office's recommendation. Mr. Richey said he understands that the Board of Regents is the governing board of University Hospitals.

Regent Collison raised discussion relating to House Study Bill 190. She asked if there has been sufficient study of the bill. Mr. Richey said he feels there has been and the study bill would grant the board broader flexibility in purchasing coal than it presently has. Mr. Richey reported that at the present time the Board of Regents' institutions can not contract for their coal needs in excess of one year under the statutory provision on unfunded contracts. This bill would permit the state or an agency of the state to enter into a contract of not exceeding ten years duration for the purchase of coal to be used in facilities under jurisdiction of the state or the state agency. The execution of that contract would be contingent upon appropriations by the General Assembly in sufficient amounts to meet the terms of the contract. Also, the bill would provide that the maximum standards for the emission of sulphur dioxide from solid fuels, which are in effect at the time the contract for the purchase and delivery of solid fuel for a facility was signed, shall not be decreased for that facility during the duration of the contract or for ten years, whichever is less.

Senate Study Bill 26 was brought up for discussion. The Board Office noted that this abolishes the Hospital and Health Facilities Advisory Committee. It was understood that this committee has been replaced by the State Health Coordination Committee. Regent Collison said that every committee related to health care now also has an advisory committee. Mr. Richey said he will follow up on this matter.

The next legislative topic discussed was raised by Vice President Moore with respect to legislative thrust on the Iowa State University airplane situation. Vice President Moore said there has been some interest in the position of state aircraft for a couple of years and consideration has been given to whether a pool operation would be more effective than the present situation. Vice President Moore said this is not a new problem and the university has presented as much information as it could.

Recently, Iowa State University officials heard there was a committee dealing with a proposed bill to consolidate more aircraft in the state, with particular emphasis on the Iowa State University aircraft. Vice President Moore noted that he has found no written bill on this so the specific details of what's intended are not currently clear. For background, Vice President Moore said that in 1974 the Governor directed the feasibility of implementing a state aircraft pool. In April of 1975 the Department of General Services completed the State of Iowa aircraft study recommending formation of a state aircraft pool to include small business jets, etc. Vice President Moore said that the recommendation did not specifically refer to "other aircraft." Iowa State provided Mr. Stanley McCausland, Director, Department of General Services, all the statistics on Iowa State's aircraft at that time.

Vice President Moore quoted from a portion of the 1975 study by the Department of General Services:

The transfer of all state owned aircraft and administration of each aircraft into a pool would not be of
any practical or economic advantage, due to the high utilization of some departmental aircraft and scattered locations throughout Iowa. Since there are only three agencies owning aircraft that would not be in the pool, centralizing the accounting procedure would be of little value, therefore, it is recommended that only the following aircraft be combined into a centralized pool-operated, scheduled and maintained by the Aeronautics Division of the Department of Transportation:

The departments named by Vice President Moore were: Aeronautics, the Conservation Commission, Public Safety, and Public Defense.

Vice President Moore informed members of the board that the present budget request for equipment replacement totals $800,000. If all aircraft are centralized, the request could be reduced to $460,000. Vice President Moore noted that the acquisition of a jet is also being recommended for study. He added that the proposal to consolidate all state aircraft is intended without reimbursement to the university for such aircraft.

President Parks encouraged Vice President Moore to explain how Iowa State University's aircraft were purchased. Vice President Moore reported that on March 8 Iowa State University representatives appeared before the appropriate legislative committee to present its case. Each of Iowa State University's aircraft was purchased for the purpose of continuing the university's extension (education) activity and making it more effective. Vice President Moore said that because the university felt that its finances were not in a position for it to request money for these aircraft, they were bought from gift funds from private sources. He emphasized that each of Iowa State University's aircraft was purchased with gift money.

Vice President Moore said that prior to the last aircraft purchase a meeting was held with university deans to determine whether gift funds should be used for this purpose. He said the final recommendation was very strong favor with respect to acquiring the aircraft. The deans particularly felt the additional aircraft were needed to meet the demand for off-campus courses for credit. Vice President Moore added that the university keeps a complete record of when the planes are used, how long they are used, when they will come back, etc. He noted that approximately two-thirds of their flying time is for extension and off-campus university activity. He said the university's aircraft have a different mission than those in the state pool because the state pool aircraft are basically used for executive travel.

It was noted by Vice President Moore that Tuesday, March 22, university representatives would meet with the Aeronautics Division at 8:00 a.m. to discuss the matter of consolidation.

Mr. Richey reported that he met with representatives of the Department of Transportation and noted that this not only is a matter of taking the aircraft from Iowa State University without reimbursement and putting Iowa State University and all other institutions under the Board of Regents into a single aircraft pool, but the Department of Transportation felt that if there are not pool planes available that it should have complete authority to arrange other air transportation. The Board of Regents' institutions would be "at the mercy" of the Department of Transportation in terms of
delivery of services by its institutions. Mr. Richey responded to the Department of Transportation by expressing strenuous objections. He noted that through good management Iowa State University has established bulk purchasing of gas and gets a price differential of about 50% less than the gas purchased for the state aircraft pool. Mr. Richey noted that the state aircraft representatives want to use the hangars of Iowa State University, also. Mr. Richey requested the board give him its clear position on this subject in terms of future meetings with legislators.

Regent Collison said she does not feel legislators realize the full implications of such a pooling process which is not really a pooling of resources, "but an air hijack" of Iowa State's airplanes. She added that she feels this seems to be a "piggyback operation" and the board should resist this with everything it can muster. Regent Collison stated that she attended the March 8th hearing and noted she felt that Iowa State University representatives used the best possible rationale they could in view of the fact they had not had access to the study made by the Department of General Services.

Regent Baldridge said he feels the legislative committee is going ahead without adequate study of the problem. Mr. Baldridge said he gathered from Vice President Moore that the state aircraft pool may use Iowa State University's aircraft for resale to buy another plane. He said this whole issue is predicated on the amount of $340,000. Regent Baldridge said he is very disturbed about the implications that people can give gifts to Iowa State University which can be taken away by the state legislature. Regent Baldridge said that the Board of Regents, for example, may prefer to sell a farm to provide the $340,000 to the state than give up its aircraft. Vice President Moore responded to Regent Baldridge's initial comment by saying that the study done by the Department of General Services is a very complete study but added that he doesn't feel legislators have used it in their deliberations.

President Parks said he is very interested that the board and Iowa State University not appear to be "self-serving" in this matter. He stressed that is not the case. He emphasized that the gift money was decided to be of most use to the university in the purchase of three Aero Commanders. The university could have put this money into many other places. For example, President Parks noted that if the university would have used the money to buy highly specialized equipment, no one would have thought of confiscating it because they wouldn't know what to do with it.

President Boyd rose to speak to this matter because he said this is something very fundamental to institutional missions. He said the point made by Regent Baldridge is extraordinarily important because if the institutions are going to depend more and more on private support, we have got to guarantee that support and protect it.

Regent Bailey said he understands that Iowa State University uses its aircraft substantially 100% in performing its functions as a higher education institution. Regent Bailey said he couldn't stress too much the importance of night classes and reported that "top notch" people are teaching those classes at night. It would be absolutely impossible for them to teach those extension courses if they had to drive because they then wouldn't be back in
time for the next morning's classes. Regent Bailey said he feels what's being suggested is direct interference with the delivery of higher education in the state of Iowa.

President Petersen asked Vice President Moore what percentage of time the Iowa State planes are used for instructional purposes. Vice President Moore responded 65% of the use is for instructional purposes. He added that administration flights amount to approximately 18% of flight time (of which less than one-half of that is for the central administration and the other half is for the deans to make arrangements for this extension work). Vice President Moore went on to say that 7.3% of the flights are for athletic purposes. Another column shows 1.4% of Iowa State University's aircraft use is by other state agency personnel. Vice President Moore noted that this percentage was quite heavy until October of 1976 when the university noticed it didn't get many more inquiries. Vice President Moore added that the university encourages other state agencies to utilize its planes when they are available.

President Boyd said he does not feel that faculty should "have to take a back seat" in this aircraft matter and encouraged faculty to participate in the discussion next Tuesday for their input. Regent Collison concurred and said that faculty from western Iowa should be there to give input, also. Regent Collison said if the board is to reach the people it is targeted to reach, it has to have the planes for economy purposes.

Superintendent Giangreco agreed with Regent Collison's statement by saying western Iowa people need these university aircraft. He added that representation from western Iowa would be very helpful at the March 22nd meeting.

Vice President Jennings noted that the University of Iowa's flying activity is primarily for ambulance service. That service must be available immediately.

President Petersen noted that various people will be called upon to help with the testimony at the March 22 meeting to express the board's feelings as discussed today. Vice President Moore reported that several tables will also be developed by that time showing costs and other information relating to Iowa State University's aircraft operation.

FUEL AND PURCHASED ELECTRICITY. The board was requested to: 1) approve a supplemental appropriation request for fuel and purchased electricity for 1976-77 in the amount of $357,215; and 2) revert any savings from the supplemental budget to the State Treasury.

The Board Office noted that it prepared a report on fuel and purchased electricity for the January board meeting. At that time it was intended to review expenditures through February at the April board meeting. Because of the extremely cold temperatures experienced from December to February, it was necessary to monitor closely expenditures to determine the likelihood
that the institutions would exceed the "pass through" budget for 1976-77. Senate File 1261, Section 32, 1976 Session, 66th General Assembly, set the 1976-77 "pass through" budget for fuel and purchased electricity at $11,683,000 which is the criteria for determining any savings or additional appropriation request. The "pass through" budget level for 1976-77 is exclusive of the amounts appropriated for fuel and purchased electricity as special needs for opening new facilities.

The Board Office reported that based on the actual expenditures for fuel and purchased electricity through February of 1977, and the estimate of expenditures for the period March through June, the estimate of fiscal year expenditures at this time is $427,215 over the 1976-77 "pass through" budget level of $11,683,000. This requires an appropriation of $357,215 over the 1976-77 funds appropriated, after 71% of expenditures supported by private hospital patients are deducted. The estimate of expenditure for the last four months of 1976-77 is based on consumption of fuel and purchased electricity in previous years.

It was noted that all Regents' institutions, with the exception of the University of Northern Iowa, project a deficiency in funds for fuel and purchased electricity. Iowa State University reported that the deficiency is caused by one-time costs incurred in purchasing additional electricity for the Veterinary Medicine Facility. Also, the delayed connection of the Veterinary Medicine Facility to the steam line required an additional expenditure for oil. Iowa State University indicated that these considerations are not recurring factors affecting needs for future years.

MOTION:

Mr. Bailey moved the board: 1) approve a supplemental appropriation request for fuel and purchased electricity for 1976-77 in the amount of $357,215; and 2) revert to the State Treasury any savings from the supplemental budget. Mr. Baldridge seconded the motion and it passed unanimously.

GOVERNANCE OF IOWA BRAILLE AND SIGHT SAVING SCHOOL AND IOWA SCHOOL FOR THE DEAF. The Board of Regents was requested to direct the Board Office, aided by an advisory group, as outlined in the Board Office memorandum, to carry out a study to determine the appropriate governance and placement of Iowa Braille and Sight Saving School and Iowa School for the Deaf in the state's education system. Results of this study are to be reported to the board at its December 1977 meeting.

The Board Office reported that at present special education in Iowa is administered by three different state agencies or boards: the Board of Regents, the Department of Public Instruction, and the Department of Social Services. Traditionally, each agency has operated its special education
functions in isolation from the other groups. Concerns and pressures for better coordinated programs to handicapped youths have broken down this isolation during the last few years.

The Board Office quoted portions of Chapter 273 of the Code of Iowa which became effective July 1, 1974 which established area education agencies. It would appear that the intent of the legislature and the Governor was that these area education agencies would coordinate special education in the state of Iowa. While the area education agencies are locally controlled, independent entities, they are accountable to the Department of Public Instruction with respect to many of their functions.

In an attempt to achieve better coordination among the involved agencies, a state-wide conference on special education was held in Ames in the fall of 1975. The conference concerned itself with such issues as: governance, coordination, funding and the placement of children in the setting appropriate to their needs. The three agencies have been meeting over the last year and a half in an attempt to develop means for implementing some of the recommendations of this conference. One of the major difficulties with which those persons concerned with special education in the state of Iowa are confronted is in coordination of the state's special education resources and the division of these resources between the Board of Regents, the Department of Public Instruction, and the Department of Social Services. Despite organizational loyalties, it seemed to be the conclusion of this forum that locating the state's special education efforts under one agency would result in more effective and efficient special education. The primary concern was with serving the needs of the children and it was felt that various agencies or departments should base their decisions vis-a-vis governance of special education on their desire to see the children served in the best manner possible.

The Board Office went on to say that there have been indications that a number of members of the current General Assembly feel that the present funding mechanism and governance structure of the Iowa Braille and Sight Saving School and the Iowa School for the Deaf are either not the most appropriate or the most desirable. It has been proposed that funding should be tied to statewide special education resources, perhaps by using money available to the area education agencies for special education, or by utilizing a student-weighted formula which provides funds from the local school district of residence of each pupil. In conjunction with the above, the board also has been asked to state its position on the appropriate placement of the Iowa Braille and Sight Saving School in the state's educational structure. The Senate Budget Committee has postponed action on the budgets of the two institutions pending further information and possible resolution of the issues.

The Board Office, in an effort to determine the governance structure of institutions similar to Iowa Braille and Sight Saving School and Iowa School for the Deaf, conducted a survey of public institutions throughout the nation which compare with these two schools. Of 35 respondents similar to Iowa Braille and Sight Saving School, 60% indicated that they fell under the jurisdiction of the State Department of Education. In contrast, only 8.6% indicated that their institutions were governed by boards similar to Iowa's Board of Regents. Of 48 respondents similar to Iowa School for the Deaf, 50% indicated that they came under the jurisdiction of the State Department of Education, while only 6.3% indicated that they were governed by a board
similar to the Regents. Thus, the prevalent governance structure for schools similar to Iowa Braille and Sight Saving School and Iowa School for the Deaf finds the majority of these schools falling under their state's Department of Education. While this does not necessarily indicate that this form of governance is the best form, it does indicate that more states find it convenient than otherwise. In addition, it was noted that of 20 schools indicating governance under a separate and autonomous board, many indicated that these boards did have some responsibilities toward, or were required to report to, the particular state's Department of Education.

The Board Office reported that in addition to the above, there has been another development which has led it to suggest this study of governance. A new federal law, known as the Education for All Handicapped Children Act of 1975 (Public Law 94-142), goes beyond a simple extension of federal aid for state programs for the handicapped. In return for that support, it requires that:

...the state educational agency (the Department of Public Instruction) shall be responsible for assuring that the requirements of this part are carried out and that all educational programs for handicapped children within the state, including all such programs administered by any other state or local agency will be under the general supervision of the persons responsible for educational programs for handicapped children in the state educational agency and shall meet education standards of the state educational agency.

President Petersen noted that there has been some legislative discussion in the appropriation process regarding governance of the Iowa Braille and Sight Saving School and the Iowa School for the Deaf. She said to avoid what might be a hasty decision based on a dollar figure or some political extremity, the board's decision must be made in the interest of what's best for those children. She recommended a thorough study be entered into to study the various implications of the matter of governance so that the board could make a rational decision in this issue.

Regent Slife asked how such a study would be carried out. Mr. Richey reported that to insure timeliness, should the study recommendations and subsequent board action require executive and legislative action, the study should be completed by December 1, 1977. It was suggested that the Board Office perform the study, aided by an advisory panel which would include persons representing the Iowa School for the Deaf, Iowa Braille and Sight Saving School, the Department of Public Instruction, and perhaps other entities such as the area education agencies having an interest or role in special education at the elementary and secondary levels. Mr. Richey added that the Board Office will be coming back to the board with a specific proposal in this regard.

Regent Baldridge expressed his opinion that it might be best to have a third party conduct the study rather than have the people directly involved. He asked Mr. Richey where the board could turn for other persons to undertake the study. Mr. Richey responded that there are special educators in this field who are available for such assignments.
MOTION: Mr. Baldridge moved the board direct the Board Office, aided by an advisory group as outlined by Mr. Richey above, to carry out a study to determine the appropriate governance and placement of Iowa Braille and Sight Saving School and Iowa School for the Deaf in the state's education system. Results of this study are to be reported to the board at its December 1977 meeting. Mr. Zambach seconded the motion.

Regent Bailey said he has some reservations about this. He said if someone would have asked the board to make this study, he would go along with it, but as far as the board's initiating the study, it doesn't seem to be in accord with the board's past practice. For clarification, Mr. Richey said the board has been requested to indicate its position on the governance and placement of those two schools by the legislature. To put this issue into perspective, Mr. Richey explained that over a year ago the board indicated that the new federal legislation, the Education for All Handicapped Children Act of 1975, would require study of the governance situation. Last fall the board proposed to study that whole issue and to state a position with respect to the impact of that legislation. Mr. Richey reminded members of the board that he indicated to them last fall that the superintendent of the Department of Public Instruction said he would not be able to go to the legislature with proposed legislation on the matter until the 1978 legislative session. The question of funding for these two schools was raised by the chairman of the Senate Budget Committee early in the 1977 session and the board was requested to state its position on the placement of the schools. The Senate Budget Committee set aside the question of funding of Iowa School for the Deaf and Iowa Braille and Sight Saving School in the appropriations bill until this matter can be determined.

President Petersen said the board needs to be very careful that it doesn't give the impression that a decision regarding the governance of the Iowa Braille and Sight Saving School and the Iowa School for the Deaf has already been made. She stressed that she wants to be absolutely certain that the board is going at this in a fair way.

Superintendent Woodcock said a possible funding shift would involve a shift to the property tax. He said that should be clearly understood.

Superintendent Woodcock said that he maintains his prejudicial view that the board should resist any change in the governance of the Iowa Braille and Sight Saving School. He indicated his position on the matter of governance and funding by saying he feels the schools should remain under the Board of Regents with the present funding pattern. He recommended that any move to change the jurisdiction or governance should be discouraged and hopefully scrapped.

Superintendent Giangreco indicated that the Iowa School for the Deaf would like to remain under the Board of Regents, if at all possible. He said the administration feels that Iowa School for the Deaf receives very close supervision under the Regents and the faculty and administration are well satisfied with the way things are going at the present time.

President Boyd commented with respect to the long-term significance of a change in governance for the Iowa Braille and Sight Saving School and the Iowa School for the Deaf. He said he would hate to see the Hospital School for severely handicapped children be removed from the University of Iowa.
President Boyd reported that on the whole there has been a beneficial relationship between the universities under the Board of Regents and the special schools. President Kamerick supported President Boyd's statement.

VOTE ON MOTION: The motion passed unanimously.

IOWA COORDINATING COUNCIL FOR POST-HIGH SCHOOL EDUCATION'S MARCH 3RD MEETING.
The board was presented a brief summary of the last meeting of the Iowa Coordinating Council which is on file at the Board Office.

President Petersen noted that the main portion of the March 3rd meeting was devoted to a proposal between Eastern Iowa Community College District and Marycrest College. She reported that the Coordinating Council approved the establishment of a study committee to be chaired by Regent Zumbach with the charge of studying the matter to provide recommendations to the council at its April 7th meeting. President Petersen noted that the study committee is to make recommendations and alternatives to the appropriate decision-making body, the Department of Public Instruction.

Regent Zumbach said that if any board members had comments regarding the proposal, he would appreciate receiving them prior to the study committee's first meeting this afternoon.

REPORT ON MEETING OF HIGHER EDUCATION FACILITIES COMMISSION. Regent Bailey presented the board with an oral report on the last meeting of the Higher Education Facilities Commission. He reported that a proposal was raised that the state scholarship maximum be raised from $600 to $700 by a member of the advisory committee but the commission decided to stay with the $600. The reasoning behind the commission's decision was that the amount of funds available is not going to be any greater to benefit that many more applicants from a financial standpoint.

Regent Bailey said the Administrative Rules Review Committee attempted to change the basis for selecting the scholarship people by including substantial input of their scores on the ACT tests. The committee also wanted the balance used between class rank and the ACT that has been historically used on a 60-40 ratio (60% for rank and 40% for ACT tests) to be changed to 50-50 in determining the actual awards. Regent Bailey reported that the Higher Education Facilities Commission, however, did not favor a change as proposed by the Rules Committee.

Regent Bailey reported that the guarantee loan program was also brought up at the commission's meeting. It is being reconsidered to get the state back in. The program has been inactive for a number of years for reasons of running out of available support funds and that sort of thing. Regent Bailey reported that if anyone had any ideas about same he would appreciate that input. Regent Bailey said it appears that the federal government is going to be going out of the guarantee loan program and is putting pressure on revival of or initiation of state loan programs. He said there seems to be three different alternatives involved: 1) do nothing, 2) go in a joint relationship with the state and an outside agency, and 3) have the state handle it alone with the involvement of the Higher Education Facilities Commission which would then involve a substantial amount of funding for additional staff at the Higher Education Facilities Commission. Regent
Bailey said some research done by the commission shows that there was not a
great deal of support for reviving the state program or for reviving the joint
relationship which, in the case of the state of Iowa, had been with the United
Student Aid Funds, Inc., a private agency. He indicated that while the State
Guaranteed Loan Program is now inactive and has been for years, there is still
a relationship with the United Student Aid Funds, Inc. in that that agency has
about $2 million which belong to the Iowa Guaranteed Student Loan Program and
most of which is no longer needed to protect USAF against losses but which,
under their contract, doesn't have to be returned until the student loans have
been reduced substantially below the amount which is yet outstanding. The thought
has been expressed that perhaps we could get most of that back now if we contrac­
ted with USAF to handle a reactivated program and that those dollars could then
provide needed funds for the new program. However, there is no assurance of this
and, as indicated, sentiment seemed to oppose renewal of a joint relationship.
In response, Mr. Richey recommended the institutional aid personnel meet to dis­
cuss this matter in some depth to make a recommendation to the board.

President Boyd expressed his strong opinion that the federal program continue.
Regent Bailey said that was also the position he took with respect to the
guarantee loan program. Regent Bailey said it appears to him that lenders
trust the federal government more than they do the state as far as supplying
the guarantee is concerned. Regent Bailey said his initial feeling was to
do nothing, but if nothing is done, the Higher Education Facilities Commission
is going to be in the position of having a gap in the loan program if the
federal guarantee program is terminated.

Regent Collison recommended that the proposal be viewed in terms of what it
would do with respect to next year's student body and probable attrition.

Regent Bailey said the Midwestern Regional Higher Education compact is
very important as far as the Regents are concerned. He concurred with the
recommendation that this be studied further. He said he feels this compact
has some very real financial implications, particularly in the area of tuition
reciprocity agreements, it they were to be adopted. Mr. Richey said the compact
question is now before the Midwestern Regional Conference and is being con­
sidered by an education committee of that conference, co-chaired by Represen­
tative Griffie of Iowa. Representative Griffie has kept the Board Office fully
informed on that matter. Mr. Richey emphasized that Representative Griffie is
very eager for board input on the matter. Vice President Christensen noted that
the Board Office also asked the Interinstitutional Committee on Educational Coor­
dination to make recommendations. He said the committee felt that the compacts
were set up in order to have exchanges of programs from one state to another when
there are serious gaps in a given state. Vice President Christensen noted that
the committee did not feel there was much advantage in Iowa's involvement in the
interstate compact.

INFORMATION ITEMS. The board was presented a report relating to the following
items: 1) United Faculty at the University of Northern Iowa, 2) blue collar
unit, 3) public safety unit, 4) social service unit, 5) security unit, and 6)
Public Employment Relations Board's decisions regarding bargaining unit deter­
minations. The report is on file at the Board Office.

AFFILIATED ORGANIZATION REPORT. A. Iowa Crop Improvement Association. The
board was requested to accept the annual report of the Iowa Crop Improvement
Association.

The Board Office reported that a major project of the association in recent
years has been the promotion of the new Seed Quality Control Research
Center (Seed Laboratory) which is scheduled for completion this fall. The association has committed $275,000 to the project, $250,000 of which will be paid by July 1, 1977 (out of a net worth of $788,301.71).

MOTION: Mrs. Collison moved the board accept the annual report of the Iowa Crop Improvement Association. Mr. Brownlee seconded the motion and it passed unanimously.

B. Committee for Agricultural Development. The board was requested to accept the annual report of the Committee for Agricultural Development.

The university reported the Committee for Agricultural Development is organized as a non-profit corporation under Chapter 504A, Code of Iowa. This corporation has made grants-in-aid back to university research projects when operations generated funds. These grants have amounted to several hundred thousand dollars over the last 30 years.

Since 1960 the Committee for Agricultural Development has assisted Iowa State University and the United States Department of Agriculture by acquiring land for research use when available.

The new seed cleaning plant was completed in 1976 and used to clean and bag 1976 seed. Demand for foundation seed from the certified seed producers in Iowa continues to increase.

The committee sold 148 acres in Boone County that was no longer needed for agricultural research farm and bought an 80-acre tract located next to a research area.


MOTION: Mr. Baldridge moved the board accept the annual report of the Committee for Agricultural Development. Mr. Zumbach seconded the motion and it passed unanimously.

BOARD OFFICE PERSONNEL REGISTER. The board was requested to approve the following personnel actions for February and March, 1977:

Lorna Schmoranz, Secretary I: Merit increase and permanent status after six months probation and merit evaluation. From $6,838 to $7,150 effective February 4, 1977.

Judy Iseminger, Secretary II: Merit increase after annual merit evaluation. From $8,112 to $8,476 effective March 4, 1977.

In absence of objections, President Petersen approved the Board Office Personnel Register for the months of February and March, 1977.
INFORMATION ITEMS. A. Institutional Commencements. The Board Office requested board members notify institutional heads of those commencements they plan to attend. The following schedule was presented for information:

- University of Iowa: May 14
- Iowa State University: May 28
- University of Northern Iowa: May 14
- Iowa School for the Deaf: May 28 (11:00 a.m.)
- Iowa Braille and Sight Saving School: May 27 (11:00 a.m.)

B. Article Relating to State Residential Schools for the Deaf. The board was presented an informational article by Barry L. Griffing, Ed.D., Assistant Superintendent of Public Instruction and Assistant Director, Office of Special Education, California State Department of Education regarding state residential schools for the deaf.

ASSOCIATION OF GOVERNING BOARDS. President Petersen reported that the Association of Governing Boards report will be postponed until next month's board meeting due to lack of time today.

President Petersen asked board members and institutional executives if there were additional matters to be discussed relating to general or miscellaneous items.

UNIVERSITY OF NORTHERN IOWA'S AUDITOR'S REPORT. Regent Bailey commented on the basis on which the library books are figured in the University of Northern Iowa's budget. He made specific reference to the auditor's report of the University of Northern Iowa and asked if that criticism would be of a nature that would involve all three of the universities. In explanation, he said the auditor objected to the use of the replacement value as the value for the books. Vice President Stansbury explained that the technique used is used by all the institutions. That technique was agreed on by all the institutions and developed by the Uniform Budgeting and Accounting Committee. Vice President Stansbury noted that the auditor's report is now under study.

NEXT MEETINGS.

- April 20-21: University of Northern Iowa and Iowa Braille and Sight Saving School
- May 19-20: University of Iowa
- June 16-17 or 23-24: University of Northern Iowa
- July 21-22 or 28-29: University of Iowa
- September 15-16: University of Iowa
- October 20-21: University of Northern Iowa
- November 17-18: Iowa School for the Deaf
- December 15-16: Iowa State University

*Note: Meeting scheduled for Wednesday and Thursday
EXECUTIVE SESSION. President Petersen reported that there was a matter that needed to be discussed in executive session relating to a personnel matter at the Iowa Braille and Sight Saving School.

On roll call vote as to whether to enter into executive session, the following voted:

AYE: Bailey, Baldridge, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.

NAY: None.

ABSENT: Barber.

The board, having voted in the affirmative by at least a two-thirds majority, resolved to meet in executive session beginning at 12:00 noon and arose therefrom at 12:10 p.m.
The following business pertaining to the University of Iowa was transacted on Thursday, March 17, 1977.

LINDQUIST CENTER - PHASE II PROJECT. The University of Iowa requested approval of its preliminary plans and budget of the Lindquist Center - Phase II Project. Vice President Jennings introduced Mr. Wayne Tjaden, project architect, from Skidmore, Owings & Merrill, Chicago, Illinois to members of the board. Vice President Jennings also introduced Dean Howard Jones of the College of Education, Richard Gibson, Director of Facilities Planning and Utilization, and University Architect Richard Jordison.

Mr. Tjaden presented the board with a slide presentation and booklet describing the Lindquist Center for Measurement - Phase II, College of Education. He noted that it is situated in the northwest quadrant of the block bounded by Burlington Street, Madison Street, College Street and Capitol Street. It is the continuation of a project started by the Lindquist Center for Measurement, situated directly to the south of this project, which was completed in 1972.

Mr. Tjaden reported that Lindquist Center - Phase II will use the same brick blend for the exterior as the initial building. It will use the same color glass in windows which will repeat the design of the initial building, also. Lindquist Center - Phase II is configured to enclose and enhance an entry plaza begun with the initial building. Also, it will complete a third-floor bridge, begun as part of the initial building, thus physically integrating the two phases. Mr. Tjaden reported that the design of the Phase II project as well as its basic internal systems will show significant and very positive change from the Phase I project. The first change proposed is a steel structure rather than a concrete structure. He reported that this decision was made on the basis of scheduling. He added that the university could take advantage of early cost savings when the cost of steel is low.

Mr. Tjaden stated that Lindquist Center - Phase II is being designed with careful attention to energy conservation. Windows will be double-insulating glass in thermal-break frames. Walls and roofs will have increased insulation. Windows are limited to 30% of the exterior wall area. Mr. Tjaden commented that the mechanical system is being developed to minimize energy consumption, by maximizing efficiency, by allowing the building to be zoned by use and by recapturing heat normally thrown away by more conventional systems. The building is being designed to exceed the ASHRAE 90-75 energy conservation standards being considered for adoption in Iowa. Mr. Tjaden added that his firm is reevaluating criteria for adequate light in the building, also.

Mr. Tjaden explained that Lindquist Center - Phase II is designed as a two to four story building consisting of classrooms, class labs, Learning Resource Center, student/faculty lounge, and office and support space for the College of Education faculty and staff. The building is divided into two zones, roughly articulated by the two-story and four-story elements.

The building is being designed as part of a continuum begun with the Lindquist Center for Measurement. Expansion to the east is anticipated by allowing an
internal connection at the second floor. Mr. Tjaden added that enclosed connections at the second floor to other campus buildings may be developed by bridges, to the north across College Street linking to the Journalism Building and on to the Engineering Building and to the west across Madison Street linking the potential future construction to the south of the University Library.

Mr. Tjaden said he anticipates the construction drawings by the first of April. He anticipated being able to go out to bid by May 1 with construction to begin about the first of June. Mr. Tjaden stressed the importance of proceeding quickly on this project, emphasizing the problem of anticipating serious building cost increases by the end of the year. The sooner the building is built, the better chance the university has of building it within budgeting constraints.

It was noted by Mr. Tjaden that the firm of Cost, Planning & Management International, Inc., Des Moines, Iowa was retained to provide services including facilities programming, program analysis, scheduling, cost control, and construction administration and supervision. The Hodne/Stageberg Partners, Inc. in Minneapolis were retained to develop and monitor the design framework, which is the facility in the context of the total University of Iowa campus. In addition, Mr. Tjaden reported that his firm, Skidmore, Owings & Merrill, was retained to provide architectural and engineering services, including program synthesis, facilities design, construction documentation and construction shop drawing review. Mr. Tjaden said University of Iowa groups integral to the team effort include the College of Education Building Committee, the Director of Facilities Planning Utilization, the Department of Engineering & Construction Services, the university architect and university Physical Plant personnel. Mr. Tjaden noted there has been a tremendous amount of cooperation all along the line on this project.

President Petersen reported that when members of the board testified to the legislative subcommittee regarding the board's capital request, it was stated that if it was not possible for the legislature to make a direct appropriation for the Lindquist Center - Phase II that in long-standing policy of the board that we would be pleased if it would consider adding the cost to the board's bonding program.

Vice President Jennings emphasized the timing problem involved with the Lindquist Center. Mr. McMurray reported that if there is a minimum four month delay on this project, that could mean an increase in costs between $500,000 to $600,000 in the current asking in this particular project. President Petersen noted, however, that the board can't really proceed in building the building until appropriations are available. Regent Collison said that in terms of the board's presentations to the legislature, it should be pointed out that the board does have significant amounts of money invested in the Lindquist Center and any delay in the building will only increase costs.

Mr. Tjaden said the delay becomes serious only when construction can't be started on the footings and foundation by the first of June. That can't be done, however, until the existing building (Sidwell Building) is torn down sometime in May.

Regent Collison asked Mr. Tjaden what the anticipated cost per foot is for Lindquist Center - Phase II. Mr. Tjaden said it is anticipated to be
approximately $56 per square foot. The total construction cost is estimated to be over $5 million. The cost including utilities and other services would be approximately $5.9 million.

The Board Office reported that in accordance with earlier discussions with the board, this project will be partially fast tracked with bids being let and construction occurring while some elements of detailed planning are continuing. At this time, three major bidding packages are planned. Package one will include excavation, footings and foundations. Contracts for this package are planned to be let approximately June 1, 1977. Package two will be for the materials for the structural steel framework for the building. Contracts are slated to be let approximately June 24, 1977. The largest package of contracts, those for general construction, mechanical and electrical construction are scheduled to be awarded approximately September 1, 1977. Substantial completion of the building is planned for November, 1978, with occupancy in time for the beginning of the second semester of the 1978-79 academic year. This schedule is subject to the availability of a funding commitment in time to permit the award of package one contracts on June 1, 1977. Delay in receipt of funding approval in time to permit this will result in substantial alteration of the schedule and perhaps the budget.

MOTION: Mr. Brownlee moved the board approve the Lindquist Center - Phase II Project, preliminary plans and budget with the procedure described above. Mrs. Collison seconded the motion and it passed unanimously.

The following business pertaining to the State University of Iowa was transacted on Friday, March 18, 1977.

REGISTER OF PERSONNEL CHANGES. The board was requested to ratify the actions reported in the Register of Personnel Changes for the State University of Iowa.

In absence of objections, President Petersen ratified the Register of Personnel Changes for the board.

UNIVERSITY CALENDAR FOR 1978-79. The board was requested to approve the University of Iowa’s official calendar for 1978-79.

The Board Office stated that the proposed calendar for 1978-79 is similar to those approved for this year and the next year. The only difference noted was that both semesters for 1978-79 will commence and finish one week later than will be the case for 1977-78.

MOTION: Mr. Slife moved the board approve the University of Iowa’s official calendar for 1978-79. Mr. Baldridge seconded the motion.

Regent Collison asked if there are any problems with respect to differences in university calendars and students transferring from one institution to
another. Vice President Christensen noted the Regents' universities use both the semester system and the quarter system. He added that Iowa State University is in the process of reviewing this concern on its campus. He noted that a study of school calendars seems to occur every 15 years.

VOTE ON MOTION: The motion passed unanimously.

SPECIAL SECURITY OFFICERS. The board was requested to approve the commissioning of Paul R. Barrows and Robert R. Stopko as permanent special security officers at the State University of Iowa. The university reported that both officers completed the Iowa Law Enforcement Academy six-week basic recruit course on February 25, 1977.

MOTION: Mr. Baldridge moved the board commission Paul R. Barrows and Robert R. Stopko as permanent special security officers at the State University of Iowa. Mr. Baldridge seconded the motion and it passed unanimously.

RESIGNATION. The board was requested to accept the resignation of B. L. Barnes as Dean of the College of Business Administration effective June 30, 1978.

The university reported that after serving as dean since 1964, Dean Barnes is eager to return to teaching in his position as Professor of Accounting. President Boyd commended Dean Barnes for outstanding service in the College of Business Administration.

MOTION: Mrs. Collison moved the board accept the resignation of B. L. Barnes as Dean of the College of Business Administration effective June 30, 1978 with regret and commendation. Mr. Bailey seconded the motion.

President Petersen stated that Dean Barnes has not only served the University of Iowa with distinction, but has also served the Board of Regents with distinction. She expressed appreciation from the board for his service and loyalty to both the board and the university.

VOTE ON MOTION: The motion passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the month of March 1977 had been received by him, was in order, and recommended approval.

The following construction contract awards were recommended for ratification following award by the executive secretary:
University Hospitals - Abdominal Angiography Suite Remodeling  
Award to: O.F. Paulson Construction Company, Cedar Rapids, Iowa $118,210

University Hospitals - First Floor Fire Sprinkler System Improvements  
Award to: Viking Fire Protection Company, Marion, Iowa $11,450

The following construction contracts were recommended for approval:

Pentacrest Buildings - Renovation for Handicapped Accessibility and  
Jessup Hall - Relocation of Air Conditioning Equipment  
Award Recommended to: Burger Construction Company, Iowa City, Iowa $167,622  
(General)

Award Recommended to: Schumacher Elevator Company, Denver, Iowa $138,519  
(Elevators)

Award Recommended to: AAA Mechanical Contractors, Iowa City, Iowa $15,977  
(Air Handling Unit - Jessup Hall)

The Board Office reported that good bids were received on the contracts recommended for approval but the executive secretary referred the award to the board because contract awards could not be made without approval of a revised project budget.

The following revised project budget was recommended for approval:

Pentacrest Buildings - Renovation for Handicapped Accessibility and  
Jessup Hall - Relocation of Air Conditioning Equipment $389,926

The Board Office reported that the board allocated $300,000 of 1976 capital appropriations for handicapped accessibility to the university. It is now necessary to supplement that allotment by $89,926 utilizing Treasurer's Temporary Investments Income. The revised budget includes $16,485 more for engineering and supervision which, according to the university, was due to an investigation of many alternatives for elevator and mechanical equipment placement. The rest of the increase in budget is in construction cost overruns on the general and elevators contracts.

The following new projects were recommended for ratification:

University Hospitals - 7th Floor Nuclear Medicine Remodeling  
Source of Funds: University Hospitals Building Usage Fund $82,500.00
Iowa Memorial Union - Remodel Rooms 317, 318, 319
Source of Funds: University RR&A $13,398.00
(This source of funds is utilized as the space will be used by Career Services and Placement, and not for Union-related space.)

Raze Sidwell Building
Source of Funds: University RR&A $29,800.00
(This project is necessary to clear the site for the construction of the Lindquist Center for Measurement - Phase II. The board was assured that the project will not be undertaken until funding is secured for the Lindquist project.)

The following new projects were recommended for approval:

University Hospitals - Internal Medicine C-32 Inpatient Unit Remodeling
Source of Funds: University Hospitals Building Usage Fund $200,860.00
(This involved remodeling 5,500 square feet on the third floor of the General Hospital to provide a modern, attractive and functional 22-bed inpatient unit. The work continues the open ward conversions to semi-private inpatient accommodations.)

University Hospitals - Patient Registration and Visitor Supporting Service
Source of Funds: University Hospitals Building Usage Funds $214,500.00
(This project consists of interfacing the existing lobby functions with the Carver Pavilion Lobby.)

Lindquist Center for Measurement - Phase II Project
The Board Office reported that the board allocated $300,000 of its $600,000 planning appropriation made by the 1976 legislature to develop plans for the Lindquist Center - Phase II Project. The board's first priority in its capital request now before the legislature is for construction funds totaling $5,640,000 to complete the project. An additional appropriation at a later time of $565,000 will be required for the movable equipment for the building.

The board has requested these funds as a deficiency appropriation for the current fiscal year so that this schedule can be maintained. The budget for the project is based on the request of the board. The Governor recommended that the project be funded at $5,500,000.
MOTION: Mr. Slife moved the board approve the Register of Capital Improvement Business Transactions for the month of March 1977; the award of contracts made by the executive secretary be ratified; the contracts recommended for approval be approved; the revised project budget be approved; the new projects be ratified and approved; the executive secretary be authorized to sign all necessary documents. Mr. Baldridge seconded the motion and it passed unanimously.

BUDGET INCREASE FOR UNIVERSITY HOSPITALS - 1976-77. The board was requested to approve the institutional request for an increase in the 1976-77 budget for University Hospitals by $1,919,000 to $57,179,600.

The board was made aware of the increases during recent years in number of admissions and number of outpatient visits as well as the greater cost for specialized services for the critically ill. The institution reported that the increase of 4% in total admissions has been exceeded substantially by an increase of 23% in specialty care unit census and 8% in operating room suite hours of major surgery during the first six months of the current fiscal year. Increases of laboratory and various other specialty services during the same period range from 12% to 22%. Accordingly, revenues and costs of services have increased. Furthermore, inflationary cost increases have occurred.

The following tabulation summarized the revenue and expenditure increases by the institution:

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<tr>
<th>Revised Estimate of Revenue Increases</th>
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<tbody>
<tr>
<td>Increased Special Care Units Service Revenues</td>
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<tr>
<td>Increases in Major Diagnostic and Therapeutic Service Revenues</td>
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<tr>
<td>Total Increased Revenues</td>
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<table>
<thead>
<tr>
<th>Proposed Expenditure Increases</th>
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<tbody>
<tr>
<td>Wages for Nursing Staff</td>
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<tr>
<td>Medical &amp; Surgical Supplies &amp; Services for Central Sterile Service, Nursing Units, Operating Rooms &amp; Delivery Rooms, Clinical Pathology Laboratory, Cardiology Laboratory, End-stage Renal Disease Organ Acquisition and Dialysis Supplies and Services, Orthotic Services, and Radiology</td>
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<tr>
<td>General Services &amp; Supplies including Admissions, Business Office &amp; General Supporting Services, Housekeeping &amp; Security, Plant Operations &amp; Maintenance, and Graduate Medical Education</td>
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<tr>
<td><strong>Total Proposed Expenditure Increases</strong></td>
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MOTION: Mr. Baldridge moved that the board approve the institutional request for an increase in the 1976-77 budget for the University Hospitals by $1,919,000 to $57,179,600. Mr. Zumbach seconded the motion and it passed unanimously.

PROPOSED TUITION AND FEE SCHEDULE FOR THE UNIVERSITY OF IOWA FOR THE 1977-79 BIENNIAL. The board was requested to: 1) approve the following schedule of tuitions and fees for the 1977-79 biennium and 2) set the Lakeside Laboratory fee for all three universities at $143 for each five-week term beginning with summer of 1978.

TUITION AND FEES SCHEDULE (effective Fall 1977)

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The Board Office reported that the proposed tuition and fee schedule for the 1977-79 biennium was based upon tuition rates approved for that biennium by the board at its October 1976 meeting. The schedule also conforms to various Regent guidelines with respect to charges for 0 to 4 credits and no charges for overloads.

At last month's board meeting, it was pointed out in conjunction with consideration of the proposed tuition and fee schedule for the University of Northern Iowa, that the Lakeside Laboratory fee is set by the board to be the same for all three Regents universities. The question was raised as to whether the University of Northern Iowa's proposed rate of $130 per five-week term was in keeping with existing board policy. At its May 1975 meeting the board set the Lakeside Laboratory fee at $130 per term excluding room and board (no differentiation is made between resident and nonresident or between undergraduate and graduate). Thus, the University of Northern Iowa's proposal was in keeping with board policy and present tuition rates. However, the tuition historically has been one-half the Iowa State University full-time graduate tuition for one quarter. Commencing with the fall term, 1977, this tuition will be $286. Therefore, it was recommended that the per term Lakeside Laboratory fee (excluding room and board) be set at $143, such charge to commence with the summer 1978 session.

**MOTION:**

Mrs. Collison moved the board approve the schedule of tuitions and fees for the 1977-79 biennium, such rates to become effective fall semester, 1977, and set the Lakeside Laboratory fee for all three universities at $143 for each five-week term beginning with summer of 1978. Mr. Bailey seconded the motion and it passed unanimously.

**HAWKEYE PARK HOUSING AREA.** The board was requested to: 1) approve a loan agreement by and between the State University of Iowa Foundation and the Board of Regents to borrow from the Foundation $400,000 and authorize the president and the executive secretary of the Board of Regents to execute a promissory note for the loan; 2) approve the project and preliminary budget.
subject to the board awarding purchase orders for the trailer units under
the regular Board of Regents' contract procedures; and 3) approve selection
of the university Physical Plant Department as engineer and inspection super­
visor.

The board was reminded that at the February board meeting, the University of
Iowa presented in sketch form a proposal to construct 49 trailer units for
use as married student housing in the Hawkeye Park Married Student Housing
area. The board granted the university preliminary approval and authorized
it to proceed on the project. At this meeting the university responded to
the questions raised by the Board Office at the last meeting on this project
and the university also brought forward the financing proposal.

The Board Office reported that the proposal is to construct 49 trailer units
which would be of approximately 600 gross square feet each and contain two
bedrooms, one bathroom with tub, and a combination living/dining/kitchen area.
The budget shows that the cost of each unit would be about $5,500, with the
total project cost per unit being about $10,000 which includes site develop­
ment costs, etc. Financing would come from a $400,000 loan from the State
University of Iowa Foundation, $67,000 from the Dormitory Surplus Fund and
$30,000 from Treasurer's Temporary Investments.

The Board Office stated that this project comes about in response to a study
conducted by the university over the past year to find an answer to the gen­
eral shortage of low-priced married housing in Iowa City. A number of
alternatives were considered, but none of these alternatives, except for the
mobile homes, would provide a housing unit that could be self-supporting
at a rental rate comparable to that charged for existing units, which could
be amortized over a short period of time and for which financing could be
located without the sale of bonds.

It was noted that the trailer unit can be totally amortized over a ten-year
life by imposition of a $130 per month rental rate for each unit and including
maintenance of $465.88 per unit per year including repairs and service at
$188.00 per unit per year.

The university stated that unit specifications have deliberately been drawn
in outline form to permit true competition. According to the university,
there is nothing about the unit under consideration that would prevent any
competitive mobile home manufacturer from constructing an acceptable unit.
The university proposed that the units be purchased on the basis of
quotations and purchase orders. Site development and installation of units
would be by sealed public bids. The Board Office recommended that the Board
of Regents actually award the purchase order for the units under the regular
board contract procedures.

The Board Office reviewed this project and noted it sees no particular problem
with the project as outlined. It expressed some concern, however, about the
surprisingly low cost of these trailers in comparison to other investigations
that have been carried out at other institutions relative to acceptable level
of unit. There is no reason to believe that the units will provide less
than acceptable housing at least for the first few years of their life,
but whether or not the units can stand the usage expected on this type of
unit from the occupants may be doubtful. The Board Office said that perhaps
the short-range answers to that are either that the university will have to
put far more maintenance funds into these units than it now believes is
necessary, or else these trailers will become delapidated. Never­
theless, under the circumstances outlined above for locating a unit that
would be self-supporting at a competitive rental rate and amortized over
a short period of time, the university has probably come up with the only
alternative open to it at this time. The question really becomes whether or
not the short-term solution, which this obviously is, should be undertaken at
all or whether the university should try to come up with a more permanent
solution to the problem of a shortage in married student housing.

The members of the board were informed by the Board Office that the major
source of financing for this project is a loan from the State University of
Iowa Foundation in the amount of $400,000. Terms of the loan are that
the loan will be made against delivery to the Foundation by the board of a
promissory note payable to the order of the Foundation which will bear interest
at the rate of 6.5% annually. Principal payments shall be made in 20 semi­
annual payments which means that the loan runs ten years. Total pay out will
be $577,739.70. Payback shall be solely from the Dormitory Surplus Fund. The
university covenants in the agreement that it will maintain a balance in that
fund after July 1, 1977 equal to the next two successive payments pledged
solely for this note, but all surplus funds will remain subservient to out­
standing dormitory bonds of the Board of Regents. The note also provides that
the Foundation shall be paid off for all outstanding indebtedness at the time
additional dormitory bonds are issued by the Board of Regents for the State
University of Iowa.

Regent Collison asked if the input from the board regarding planning of the
housing units would have impact on the project now that it has already begun.
President Boyd assured Regent Collison that the board's input has great
effect and if the board wanted the project stopped, it could do that now, too.
Regent Collison specifically noted that there has been a group of married
students who have organized to express concerns about the proposed living
quarters.

In response to Regent Collison's concerns, Vice President Jennings reported
that the new student organization examined this project and noted that
Regent Collison presumably saw the report in the newspaper about their
objections. Vice President Jennings said that recently representatives of
that organization met with university officials regarding the problems
expressed by those students. The problems expressed related to the size of
the units, insulation, the possibility of storm damage, and the sturdiness of
the walls. Another concern expressed related to the location of the bedrooms.
Vice President Jennings reported that this new group of students was not
aware that the specifications had been revised to respond to each of those
concerns. Insulation has been increased by approximately 50% over the
federal Housing and Urban Development Standards and the air leakage problem
will also be taken care of. The units will be tied down to withstand
100 mile per hour winds so that problem should be alleviated. With respect
to the size of the units proposed, Vice President Jennings noted that
although they will be small, they will be approximately the same size as
the Hawkeye Court units and approximately the same size as typical inex­
pensive two-bedroom units in the community. He noted that the typical
"inexpensive" two-bedroom unit in Iowa City rents for $190 to $200 per
month. The units are proposed to have a bedroom at each end of the apartment.
Vice President Jennings said that since the students' concerns have been
alleviated, they are now in support of the project.
Regent Collison said she was not concerned with the amenities of the units but, rather, the type of housing itself. She asked about the economics of this proposal with respect to the uncertain enrollment situation. She said the maintenance costs of the units over a ten-year period could encourage a different type of housing for married students over the proposed one. Vice President Jennings said a more expensive unit would only benefit from slight maintenance reductions. He noted that we have to keep in mind that in any set of buildings you have a large element of fixed maintenance involving the sewer, the sidewalks, etc. which is not directly associated with the unit. He added that the units have a ten-year life and the university is very sensitive about this issue that these units' use be terminated at the end of ten years. In summary, Vice President Jennings said that if the university selected a more expensive unit over the proposal now at hand, the few dollars saved in maintenance costs would not compare to the overwhelming debt service increase.

Regent Bailey spoke in defense of living in trailer units and said they should in no way be considered as inferior-type housing. He commented that some very wealthy persons choose to live in trailers and did not want the board to get the impression that trailers are only for the lower-class people. He added that many students who live in trailers when attending a college or university are living in better living conditions than when living at home. And, many others are willing to make sacrifices. Regent Bailey commended the university in its solution to fill the married student housing need.

Regent Baldridge stated that in today's society everybody wants things cheaper but still wants quality. Regent Baldridge asked if the trailers are proposed to be restricted to the low-income student. Vice President Jennings responded negatively. Regent Baldridge said he would have to abstain from voting on this issue because he expressed fear that the university would not be providing the quality housing necessary. He gave particular emphasis on the Pammel Court situation at Iowa State University and the poor housing conditions there. Regent Baldridge said that if the units would be restricted to low-income students, he could accept the proposal.

Regent Zumbach stated that people are living in much more inadequate housing than the university is now proposing and urged the board to move quickly. He noted that the university is proposing only a ten-year life on the units and asked how the board could justify building units with a 50-60 year life span when the board is only talking about a demand for ten years.

Regent Shaw said he sees some disadvantages in making the units the low-income area. He added he would hate to see this create a segregated society. He commented that he, also, did not feel that it would be feasible to spend more money in the structure of the units.

Regent Collison said she realizes there is an immediate need for housing at the university and noted that she had not addressed herself to the fact that some people prefer trailer living over other types of housing. She noted that she did not want her earlier comments to be construed as opposition to the proposal but, rather, concern about what will happen to the trailers in
ten years and whether the money spent in the meantime will be wasted money. Regent Shaw commented that if the board invested $10,000 additional money in the units, perhaps $700 to $800 in maintenance would be saved per year. He said he did not believe the money "spent in the meantime" with the proposed units would be "wasted money." He commented that he didn't feel the university could afford to maintain the higher priced units.

Mr. Richey said his recommendation regarding the university's housing proposal was unqualified as being the best solution to the problem in terms of immediate need, the economic situation, and accessibility of students at the University of Iowa.

MOTION/RESOLUTION:

Mr. Bailey submitted the following resolution regarding THE UNIVERSITY OF IOWA HAWKEYE PARK LOAN AGREEMENT, and moved its adoption:

RESOLVED that THE UNIVERSITY OF IOWA HAWKEYE PART LOAN AGREEMENT by and between THE STATE UNIVERSITY OF IOWA FOUNDATION and the STATE BOARD OF REGENTS, be approved and adopted; and

BE IT FURTHER RESOLVED that the President and Executive Secretary of the Board of Regents be, and they are, hereby authorized, empowered, and directed to execute said THE UNIVERSITY OF IOWA HAWKEYE PARK LOAN AGREEMENT and deliver the same, in any number of duly executed counterparts, as the valid obligation of this board; and that the promissory note or notes and any and all other instruments or actions necessary or proper to evidence and carry out the terms of said THE UNIVERSITY OF IOWA HAWKEYE PARK LOAN AGREEMENT may be executed and taken care of by the following:

Mary Louise Petersen, President;

R. Wayne Richey, Executive Secretary;

and any action taken or document executed as herein provided shall be the valid obligation of this board; and

BE IT FURTHER RESOLVED that the Executive Secretary or any person designated by the Executive Secretary be authorized to certify copies of this resolution to whom it may concern.

The motion was seconded and passed, and the chairman declared the resolution adopted.
MOTION: Mr. Bailey moved the board approve the project and preliminary budget subject to the board awarding purchase orders for the trailer units under the regular Board of Regents' contract procedures and approve selection of the university Physical Plant Department as engineer and inspection supervisor. Mr. Brownlee seconded the motion and the motion carried with Regent Collison voting nay and Regent Baldridge abstaining.

President Petersen asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the State University of Iowa. There were no additional matters raised for discussion.
The following business pertaining to Iowa State University was conducted on Friday, March 18, 1977.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of February 1977 were ratified by the board.

ARCHITECTURAL AGREEMENT FOR FEASIBILITY STUDY ON FRILEY HALL ALTERATIONS. The board was requested to approve an agreement with Brooks, Borg & Skiles, Des Moines, Iowa, to provide architectural services for a feasibility study of alterations to Friley Hall dormitory.

The Board Office reported that the university has determined that the first unit of Friley Hall, which was built in 1939, needs extensive improvements. The university has reached agreement with the architectural firm of Brooks, Borg & Skiles who designed the Friley complex originally and who has been architects on Friley remodeling work done up to this time to conduct a feasibility study on future alterations to this dormitory. Compensation shall not exceed $6,400 to be paid from the Dormitory System Surplus Fund. Principals would be reimbursed at the fixed rate of $40 per hour and employees' time at a multiple of 2.5 times the wages or salary actually paid to the employee.

The board noted that only recently has principal's time for Iowa architects gone to $40 per hour. In the past two years, the board has paid architect's rates for principals ranging from $20 to $35 per hour.

MOTION: Mr. Slife moved the board approve an agreement with Brooks, Borg & Skiles, Des Moines, Iowa, to provide architectural services for a feasibility study of alterations to Friley Hall dormitory. Mrs. Collison seconded the motion and it passed unanimously.

SEED LABORATORY - ADDITIONAL COMPENSATION FOR ARCHITECT. The board was requested to approve an increase in the maximum limit of compensation for architectural services from $105,000 to $123,991.

The university reported that the owner-architect agreement for services for this project with the firm of Wilkins-Bussard-Dikis, dated March 14, 1975 and amended on September 19, 1975, provided for compensation based on a multiple of direct expense not to exceed a maximum fee of $105,000.

The university reported that subsequent changes in the program requirements for the building, relocating the building to a different site, and the addition of several items to the architect's scope of work, have required additional services to be performed by the architect for which an increase in the maximum limit of compensation of $18,991 has been requested. The architect had informed university personnel in 1975, and again later at various times,
that, in his opinion he was justified according to the contract in receiving additional compensation over the $105,000. This recommended adjustment was agreed to after many hours of negotiation with the project architect.

MOTION: Mr. Baldridge moved the board approve the increase in the maximum limit of compensation for architectural services from $105,000 to $123,991. Mr. Zumbach seconded the motion and it passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period of February 19 through March 18, 1977 had been received by him, was in order, and recommended approval.

The board was requested to ratify the following construction contract award taken by purchase order and awarded by the university:

Utilities - Electrostatic Precipitator Additions
Award to: United Conveyor Corporation, Deerfield, Illinois $188,107

Mr. McMurray reported that the university is still analyzing bids received on the LeBaron Hall and Computer Science Elevator Alterations last Friday and so no recommendation was made on this project.

The following amended project budget was presented for approval:

Utilities - Electrostatic Precipitator Additions
The amended budget indicated internal reallocation of funding as the total budget remained at $2,853,000.

MOTION: Mr. Bailey moved the board approve the Register of Capital Improvement Business Transactions for the period of February 19 through March 18, 1977; the construction contract award be ratified; the amended project budget be approved; and the executive secretary be authorized to sign all necessary documents. Mr. Zumbach seconded the motion and it passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be discussed relating to Iowa State University. There were no additional matters raised for discussion.
The following business pertaining to the University of Northern Iowa was transacted on Friday, March 18, 1977.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of February 1977 were ratified by the board.

FACULTY DEVELOPMENT LEAVES FOR 1975-76. The board was requested to accept the report of the University of Northern Iowa on faculty development leaves for 1975-76.

The Board Office reported that the board, at its February 1975 meeting, approved a request for 14 development leaves at an anticipated replacement cost of $45,000. The actual replacement cost of those 14 assignments was $51,165. Of the seven faculty who were granted leaves for the purpose of working on requirements for their doctorate, four have been awarded the degree.

MOTION: Mr. Slife moved the board accept the report of the University of Northern Iowa on faculty development leaves for 1975-76. Mr. Bailey seconded the motion and it passed unanimously.

Vice President Martin commented that the university has organized a Dean Search Committee for Science and Humanities. The committee consists of four faculty members, two students, and two department heads.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period February 5 through March 9, 1977 had been received by him, was in order, and recommended approval.

The following revised budget was recommended for approval:

Speech/Art Complex
Funding: 65th G.A. - Balance in the Project - Steam Service to Industrial Arts Building
$ 5,382

The Board Office reported that the contingency for that budget was recommended to increase by $5,382.

The following new projects were recommended for approval:

Wright Hall - Construct Home Economics Lab
Funding: RR&A
$ 26,000
College Street Extension  
**Funding:** Institutional Roads - Design Funds, $53,730  
Institutional Roads - Construction Funds, $492,530  
$546,260  

New Heating Plant - Boiler Design  
**Funding:** 66th G.A. Capital Balances  
$85,000  

Redeker Center - Additional Freezer and Cooler Space  
**Funding:** Dormitory Improvement Fund  
$12,500  

Bartlett Hall Renovation  
**Funding:** Dormitory System Surplus Fund  
$150,000  

The Board Office called the board's attention to the Bartlett Hall Renovation Project, which has an estimated cost of $150,000 funded from Dormitory System Surplus Fund. This dormitory, built in 1915 and 1923 segments, has a minimum design capacity of 543. Fall 1976 occupancy was 232. Overall, the university had a 98% occupancy rate in its dormitory system last fall with 4,986 students in its dormitories, against a design capacity of 5,076. This situation existed despite the fact that only some 40% of the space in Bartlett Hall was occupied. The project involves substantial work which will make approximately 60 currently unusable rooms rentable, as well as making necessary improvements in many of the rooms and in the utilities in the building. The university projected that it will have an additional 200 single students living in the dormitories in the fall of 1977. The Bartlett Hall Renovation Project is needed to accommodate those additional students.

**MOTION:** Mrs. Collison moved the board approve the Register of Capital Improvement Business Transactions for the period of February 5 through March 9, 1977; approve the revised project budget; approve the new projects; and authorize the executive secretary to sign all necessary documents. Mr. Slife seconded the motion and it passed unanimously.

ARCHITECTURAL AGREEMENT FOR MARRIED STUDENT HOUSING ADDITION. The board was requested to approve an agreement with Stenson, Warm & Grimes of Waterloo, Iowa, to act as architect for the Married Student Housing Addition, 1977 project.

The Board Office reported that the university has negotiated an architectural contract with the firm of Stenson, Warm & Grimes of Waterloo, Iowa, to act as project architect for the 40 units of stick-built married student housing units and the initiation of the central services building. The amount of the contract is $58,759 on a fixed-fee basis which relates back to being 5.45% of the estimated construction cost of $1,077,956. The university plans to take the first bids on this project in June and hopes to have the project completed for fall of 1978 occupancy with partial completion in January of 1978.

In addition, the Board Office noted that a major effort is in progress interinstitutionally to develop a unified and, in some cases, a uniform approach to these contracts. This matter is anticipated for docketing at
the May board meeting. The committee also plans to work with representatives of the Iowa Chapter of AIA during the next month to gain the views of the profession on this matter. There have been significant efforts made to reflect the committee's efforts in all of the architect's agreements on this month's docket (there were six).

MOTION: Mrs. Collison moved the board approve an agreement with Stenson, Warm & Grimes of Waterloo, Iowa, to act as architect for the Married Student Housing Addition, 1977 project. Mr. Zumbach seconded the motion and it passed unanimously.

FARM LEASES FOR 1977. The board was requested to approve leases in 1977 for the University of Northern Iowa farm land to the following individuals:

a. 40 acres - R. L. Christensen @ $100 per acre
b. 6.5 acres - G. Hoskins @ $ 65 per acre
c. 29.36 acres - C. Renner @ $ 80 per acre
d. 63.5 acres - R. L. Christensen @ $ 22 per acre*

*The University of Northern Iowa requested that the approval of this lease be conditional on R. L. Christensen signing an agreement to void for future years the $22 per acre rental stipulated in the purchase agreement.

The Board Office prepared a review of the Regents' farm leases for the January board meeting. At that time, it was noted that the University of Northern Iowa was negotiating with R. L. Christensen regarding the release of the 63.5 acres from the agreement to rent at $22 per acre to Mr. Christensen as provided in the purchase contract. As a result of this negotiation, the board was requested to grant approval of the Christensen lease conditional on his signing an agreement to void for future years the current $22 rental agreement. While the best result for this year is only the $22 rental, it is expected that the return from this land will improve in future years with the release from the $22 rental agreement.

The board was informed that with the exception of the 63.5 acres, the University of Northern Iowa has been able to affect some substantial increases in per acre rental rates for 1977. They are as follows:

<table>
<thead>
<tr>
<th>Per Acre Rental</th>
<th>1976</th>
<th>1977</th>
<th>Increases</th>
</tr>
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<tbody>
<tr>
<td>40 acres</td>
<td>$60</td>
<td>$100</td>
<td>$40</td>
</tr>
<tr>
<td>6.5 acres</td>
<td>$60</td>
<td>$ 65</td>
<td>$ 5</td>
</tr>
<tr>
<td>29.36 acres</td>
<td>$60</td>
<td>$ 80</td>
<td>$20</td>
</tr>
</tbody>
</table>
Mr. Brownlee moved the board approve leases in 1977 for the University of Northern Iowa farm land to the following individuals:
R. L. Christensen, 40 acres @ $100 per acre
R. L. Christensen, 63.5 acres @ $22 per acre
G. Hoskins, 6.5 acres @ $65 per acre
C. Renner, 29.36 acres @ $80 per acre.
*The approval of this lease would be conditional on R. L. Christensen signing an agreement to void for future years the $22 per acre rental stipulated in the purchase agreement. Mr. Slife seconded the motion and on roll call the following voted:

AYE: Bailey, Baldridge, Brownlee, Collison, Shaw, Slife, Zumbach, Petersen.
NAY: None.
ABSENT: Barber.
The motion carried.

DESIGN AGREEMENT FOR COAL-FIRED BOILER - PHASE I. The board was requested to authorize the executive secretary to approve a design agreement for the new coal-fired boiler prior to the April board meeting, with ratification of his action at that April meeting, providing the negotiations produce an agreement within generally accepted guidelines for an engineering contract.

The Board Office noted that the board, at its February meeting, allocated $85,000 of capital balances to the university to negotiate a design agreement for the initiation of the coal-fired boiler project. The first phase of this design agreement would take design through bidding documents on long lead-time items, such as the boiler itself. The negotiations have not been completed at this time, but it is anticipated that they will be finalized prior to the April board meeting. The schedule on this project is quite tight with sale of bonds in September and award of the contract itself immediately following the sale of bonds. Only under that sort of timetable can the university be somewhat assured of having this boiler on line for the 1979 heating season.

Through executive secretary approval of this contract, some two to three weeks can be gained in the design framework, which might eventually make the difference as to whether or not the boiler contract can be awarded at the September board meeting.

Mrs. Collison moved the board authorize the executive secretary to approve a design agreement for the new coal-fired boiler prior to the April board meeting, with ratification of his action at that April meeting, providing the negotiations produce an agreement within generally accepted guidelines for an engineering contract. Mr. Brownlee seconded the motion and it passed unanimously.
President Petersen asked board members and institutional executives if there were additional matters to be brought up for discussion relating to the University of Northern Iowa's portion of the docket. There were no additional matters raised for discussion.
The following business pertaining to the Iowa School for the Deaf was transacted on Friday, March 18, 1977.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of February 1977 were ratified by the board.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. There were no items on the Register of Capital Improvement Business Transactions for the month of February 1977.

ARCHITECT'S AGREEMENT FOR FIRE SAFETY IMPROVEMENTS - PHASE I. The board was requested to approve an architect's agreement with the firm of Wilscam and Mullins, Inc., of Omaha, Nebraska, to provide architectural services to the school for the Fire Safety Improvements - Phase I Project.

The Board Office reported that the board originally requested $250,000 as a deficiency/emergency appropriation request in its current capital request. This item came about because of an inspection by the State Fire Marshal of the facilities at the school last summer. The board revised this request at its February meeting when it allocated $155,000 to the school to initiate the project from current capital balances. This left the capital request at $95,000 to complete the project.

The architect's agreement calls for a compensation based on hourly rates not to exceed $11,370 for basic services and $1,500 for reimbursable expenses. The basic services' portion figures out to be 8% of the cost of construction.

Regent Bailey noted that the basic services' portion figures out to be 8% of the cost of construction whereas on some other institutional contracts the cost is substantially less. He asked for an explanation. Mr. McMurray noted the difference results because of the size and type of the project involved. Renovation work is always higher than new construction because of unknown factors.

MOTION: Mrs. Collison moved the board approve an architect's agreement with the firm of Wilscam and Mullins, Inc., of Omaha, Nebraska, to provide architectural services to the Iowa School for the Deaf for the Fire Safety Improvements - Phase I Project. Mr. Zumbach seconded the motion. The motion carried with all members voting aye.

ARCHITECT'S AGREEMENT FOR GIRLS' LOCKER ROOM ADDITION. The board was requested to approve an architect's agreement with the firm of Wilscam and Mullins, Inc., of Omaha, Nebraska, to provide architectural services on this project.
The Board Office reported that the present girls' locker room is totally inadequate to meet the needs of current and proposed programs of the school. This project has been needed since 1969 when it was originally planned but was dropped because of inadequate funding to do both the boys' and girls' locker rooms. Title IX requirements enter in here, also, in terms of equal facilities in female competitive sports.

The school had its architects look at the problem and the proposed project is to enlarge upon the existing girls' locker room to provide adequate facilities for current and expanding physical education, varsity athletics and recreational programs. The project would construct 900 gross square feet of new space and remodel 690 square feet of the existing space. The total project cost is estimated to be $72,792, which is based upon a construction figure for new space of $35 per square foot and a remodeling figure of $18 per square foot.

It was reported by the Board Office that normally a project of this type would not be initiated until after legislative decisions had been made on capital appropriations. However, it appears quite unlikely at this point that this project will be funded this session. The school feels that it is urgent that the project be completed by the start of school this fall. The architect has developed a design time schedule which has the project ready to go to bid on May 12 and completion by the start of school in the fall.

The Board Office commented that it is still trying to put together the funding for this project from other funds and balances therein at Iowa School for the Deaf. A final recommendation on the funding available will be presented the board at its April meeting. Approval of the architect's agreement at this meeting would enable design to be carried out in accordance with the above schedule. Funds are available for the architect's agreement from the recent sale of land at the school. This sale yielded $21,250.

The architect's agreement is on an hourly rate basis with a maximum upset of $4,754 for basic services and $1,500 for reimbursable expenses. This figures back to be 8% of the estimated cost of construction plus reimbursable expenses. This appears to be a fee within the acceptable limits for this type of work. The architect's agreement also has a clause allowing for the suspension of the project and the payment to the architect of compensation for services performed prior to receipt of a written notice from the owner of such suspension of the project.

MOTION: Mrs. Collison moved the board approve an architect's agreement with the firm of Wilsacam and Mullins, Inc., Omaha, Nebraska, to provide architectural services on this project. Mr. Brownlee seconded the motion and it passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be discussed pertaining to the Iowa School for the Deaf.

IOWA TASK FORCE COMMITTEE ON PROGRAMMING FOR CHILDREN WITH HEARING IMPAIRMENTS. Superintendent Giangreco reported that the first Iowa Task Force Committee on Programming for Children with Hearing Impairments meeting was
Superintendent Giangreco reported that the major purpose of the task force is to define the parameters of educational programming for hearing impaired pupils and to coordinate the functioning of the residential and area programs. The long-range goal will be to develop a written plan which will define the interaction of the two types of programs.
IOWA BRAILLE AND SIGHT SAVING SCHOOL

The following business pertaining to the Iowa Braille and Sight Saving School was transacted on Friday, March 18, 1977.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of February 1977 were ratified by the board.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. There were no items on the Register of Capital Improvement Business Transactions for the month of February.

ARCHITECT'S AGREEMENT FOR FIRE SAFETY IMPROVEMENTS - PHASE I PROJECT. The board was requested to approve an architect's agreement with the firm of Brown Healey Bock of Cedar Rapids, Iowa, to provide architectural services on the Fire Safety Improvements - Phase I Project, subject to satisfactory conclusion of negotiations on compensation.

The Board Office noted that the State Fire Marshal made an inspection of the school on December 8. At that January board meeting, the school's architect reported that the total cost of correcting these fire safety deficiencies would be $250,000. The board, at the February meeting, allocated $100,088 to the school from capital balances and revised its capital request in the deficiency/emergency appropriation request category to request $150,000 to complete the project.

The school is now in the process of finalizing a contract with Brown Healey Bock of Cedar Rapids to provide architectural services on the project. The Board Office identified the work which will take place in Phase I and that which will be deferred until Phase II, which is the subject of the capital request.

Mr. McMurray reported that an agreement has been negotiated on this project with Brown Healey Bock. Compensation is on an hourly rate with a maximum upset dollar cost which translates to 8% of the construction cost within the project. He said the Board Office recommended approval of the agreement.

MOTION: Mr. Bailey moved the board approve an architect's agreement with the firm of Brown Healey Bock of Cedar Rapids, Iowa, to provide architectural services on the Fire Safety Improvements - Phase I Project. Mr. Zumbach seconded the motion and it passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be discussed pertaining to the Iowa Braille and Sight Saving School. There were no additional matters raised for discussion.
ADJOURNMENT. The meeting of the State Board of Regents adjourned at 12:00 noon, Friday, March 18, 1977.

R. Wayne Richey, Executive Secretary