

The State Board of Regents met at the University of Northern Iowa on Thursday, April 20, 1978 and at the Iowa Braille and Sight Saving School on Friday, April 21, 1978. Those present were:

	<u>April 20</u>	<u>April 21</u>
Members of State Board of Regents:		
Mrs. Petersen, President	All Sessions	All Sessions
Mr. Bailey	All Sessions	All Sessions
Mr. Barber	All Sessions	All Sessions
Mrs. Belin	All Sessions	Exc. 11:10 a.m.
Mr. Brownlee	All Sessions	All Sessions
Mr. Harris	All Sessions	All Sessions
Mr. Shaw	Absent	Absent
Mr. Slife	All Sessions	All Sessions
Mr. Wenstrand	All Sessions	All Sessions
Office of State Board of Regents:		
Executive Secretary Richey	All Sessions	All Sessions
Director Barak	All Sessions	All Sessions
Director Caldwell	All Sessions	All Sessions
Director McMurray	All Sessions	All Sessions
Director Volm	All Sessions	All Sessions
Mr. Abel	All Sessions	All Sessions
Miss Van Ryswyk, Secretary	All Sessions	All Sessions
State University of Iowa:		
President Boyd	All Sessions	All Sessions
Vice President Brodbeck	All Sessions	All Sessions
Vice President Jennings	All Sessions	All Sessions
Assistant Vice President Small	All Sessions	All Sessions
Director Colloton	All Sessions	All Sessions
Director Tobin	All Sessions	All Sessions
Assistant to President Mahon	All Sessions	All Sessions
Iowa State University:		
President Parks	All Sessions	All Sessions
Vice President Christensen	All Sessions	All Sessions
Vice President Hamilton	All Sessions	All Sessions
Vice President Moore	All Sessions	All Sessions
Assistant Vice President Madden	All Sessions	All Sessions
University of Northern Iowa:		
President Kamerick	All Sessions	All Sessions
Provost Martin	All Sessions	All Sessions
Vice President Stansbury	All Sessions	All Sessions
Vice President Voldseth	All Sessions	All Sessions
Director Kelly	All Sessions	All Sessions
Budget Administrator Stampf	All Sessions	All Sessions
Iowa School for the Deaf:		
Superintendent Giangreco	All Sessions	All Sessions
Business Manager Kuehnhold	All Sessions	All Sessions
Iowa Braille and Sight Saving School:		
Superintendent DeMott	All Sessions	All Sessions
Business Manager Berry	All Sessions	All Sessions

GENERAL

The following business pertaining to general or miscellaneous items was transacted on Thursday, April 20, 1978.

EDUCATIONAL SEQUENCE PRESENTATION. Dean Dale Nitzschke, University of Northern Iowa, introduced Professor Len Froyen and Associate Professor Roger Kueter of Curriculum and Instructional Education of the University of Northern Iowa to the board.

Associate Professor Kueter briefly commented regarding the university's role with respect to drug education. He reported that Dr. Helen Knowles convinced the United States Office of Education to deal with drug education through pre-service teacher education rather than the "after-the-fact" approach. She recommended that the pre-service teacher education program prepare future teachers to be able to identify, understand, and deal with the destructive behaviors of school-age children.

Associate Professor Kueter reported that the United States Office of Education accepted the suggestion of Dr. Knowles and organized a program with teacher education institutions. In 1973-1974, a special division was created in the United States Office of Education under the direction of Dr. Knowles funded by the National Demonstration Project for Drug Abuse Prevention. The College of Education at the University of Northern Iowa was one of the six colleges which was accepted to be used as a demonstration college in 1974. Dr. Kueter stated that the university's initial program consisted primarily of pre-service training. As the project progressed, however, the university added another thrust, in-service education.

Dr. Kueter said that in the second year of the College of Education's project, the university organized a new in-service model based on a team approach. A team of three to five persons developed workshops in various parts of the state. The group presented the workshops to various school districts and the workshops are still being offered. Dr. Kueter indicated that the university's in-service program was evaluated about a year ago in conjunction with the Iowa State Education Association. He informed members of the board that copies were available for their perusal.

Dr. Kueter stated that the university's current thrust is evaluating the pre-service and in-service education offered there. He noted that the university is evaluating the effects of input of the teacher education program in order to see what kinds of changes might be necessary and what kinds of curriculum changes the evaluations might signify.

Professor Froyen introduced a slide presentation to the board which provided an overview of the common professional core program all students enrolled in teacher education must take. He noted that the presentation is used as a part of the orientation program for students when first enrolled at the university. The university is in the process of formulating a second slide series to complement the field experience.

Professor Froyen reported several ways the pre-service and in-service education programs at the university have been reviewed. He noted that 750 questionnaires were sent out to students who graduated from the program over the past three years to find out whether the program is accomplishing what it was set out to do. Professor Froyen said the university is attempting through the influence of its teachers, to persuade students that drug usage is not "the thing to do" and that students can subscribe to the slogan, "Iowa A Place To Grow."

Regent Harris asked if high school counselors are generally able to identify students who are likely to enter the field of teaching. The Curriculum and Instructional Education representatives informed Regent Harris that the pre-service program informs teachers how to look for prospective educators. Regent Harris was informed that the program primarily reaches second semester freshmen and first semester sophomore students. It was noted that the university works with high school counselors and students and indicates what teaching demands of individuals.

Regent Harris inquired as to whether the university's program should be "passed along" to schools in the inner cities. He noted that the drug problem is certainly more concentrated in those areas.

TOUR OF UNI-CUE FACILITIES. Members of the board toured the University of Northern Iowa's Center for Urban Education Building in Waterloo, Iowa after the educational sequence presentation.

APPROVAL OF MINUTES OF MARCH 16, 1978 MEETING. The minutes of the March 16, 1978 Board of Regents meeting were approved as distributed.

COMMITTEE ON EDUCATIONAL COORDINATION. A. Report on Public FM Radio. The Board Office recommended:

- 1) That support of the concept of public educational radio as a means of advancing public education (in the sense of liberal education and the arts) and with potential for some instructional programs be reaffirmed.
- 2) That the establishment of FM radio stations at Council Bluffs, Fort Dodge, Mason City, Ottumwa or Fort Madison, with off-air pickup from Regents' stations, if desired, and with the community colleges of the Iowa Public Broadcasting Network applying for the licenses be encouraged.
- 3) That an interagency request for appropriations for an interconnect system be considered as developed by an interagency task group consisting of representatives of the Iowa Public Broadcasting Network, the Department of Public Instruction, the State Communications Division, the universities, and the Regents' Office.
- 4) That greater exchange of program recordings, including material for the Bachelor of Liberal Studies and other instructional programs, be encouraged, pending implementation of an interconnect system.

The Board Office reported that at its June 1974 meeting, the board requested a study of the feasibility of a special needs asking for establishment of a public radio network, based on the six radio stations operated by Regents' institutions. An ad hoc radio study committee was formed to study the matter.

The Board of Regents, the Department of Public Instruction, and the Iowa Public Broadcasting Network made a joint request to the legislature for funds to conduct a feasibility-design-cost study for a system to interconnect the existing radio stations and new stations in unserved areas of the state. Funds were also requested to match federal funds to establish a new FM radio station at Western Iowa Technical Community College in Sioux City to serve a large population area in western Iowa.

The board was presented a memorandum prepared by the Board Office which provided the following: 1) progress information, 2) an opportunity to reaffirm support of public radio in the state of Iowa, and 3) to recognize the need for funds to implement an interconnect system.

The Board Office indicated that the radio stations under the jurisdiction of the Regents' institutions are concentrated toward eastern Iowa. A need has existed for greater coverage in Western Iowa and in the northeastern and southeastern corners of Iowa. While FM radio provides high quality sound for broadcast of programs, the radio frequencies limit coverage to line of sight from the antenna. Consequently, more stations are required to provide radio coverage for the entire state of Iowa. The new stations would be important as a source of local public service programming to a degree according to availability of funding.

Senate File 2229, as passed by the Senate, contains \$85,000 for the Iowa Western Community College at Council Bluffs for educational broadcasting facilities subject to receipt of a matching \$255,000 grant from the United States Department of Health, Education and Welfare.

The Board Office stated that the Iowa Public Radio Program Council has been formed by and consists of the radio managers to facilitate exchange of information and program materials. A continuing concern of the council and, previously, of the ad hoc radio study committee, pertains to the availability of frequencies for three of the proposed stations (Mason City, Ottumwa or Fort Madison). It was reported that the state Educational Radio and Television Facility Board is arranging license applications for these proposed stations.

The report presented the board regarding the need for FM broadcast station interconnection discussed 11 items of benefit of such a system to link the radio stations so that programs originated by one station could be broadcast simultaneously by the others or recorded by them for later broadcast. Briefly stated, the benefit amounts to wider coverage of the state with better quality programs which result from reduced duplication of effort and greater specialization of effort by each radio station. The following benefits were outlined:

1. Sharing of community college/university resources.
2. Wider public availability of special programs.
3. Increase in program selection opportunities.
4. Concentration of the staff into reduced programming time obligations.

5. Specialization of station efforts.
6. Each community college/university exposed to greater number of its constituents.
7. More effective distribution of instructional and in-service training programming.
8. Efficient distribution of sub-channel authorization programs for the blind.
9. Economies in the purchase of syndicated programs.
10. Public radio/television stereo simulcasts.
11. An "uplink" to the National Public Radio Satellite.

The board was presented a copy of a letter from President Boyd suggesting that more time be devoted to instructional programs with special attention to the Bachelor of Liberal Studies Program. He wrote that it is "imperative that we address this instructional issue if we are to make the BLS a reality."

The Board Office encouraged attention be given to greater exchange of program recordings, so that coordinated programs can be developed among the public radio stations pending implementation of an interconnection system. Exchange has begun by WOI, using 26 taped half-hour programs prepared by WSUI.

On February 25, 1977, the Iowa Public Broadcasting Network engaged a consultant, Atlantic Research Corporation, to conduct a study of the television and radio interconnection system. The study examines only the technical aspects of an interconnect system. A microwave relay system at a capital cost of about \$0.8 million is proposed. The proposal has been reviewed by the Iowa Public Radio Program Council and the Interinstitutional Committee on Educational Coordination. The review indicated some concern about the capability of the proposed system to provide acceptable audio quality.

On August 22, 1977, Governor Ray initiated a state-wide telecommunications study. A consultant has been engaged to conduct same. Phase 1, which is devoted to an inventory of the organization, facilities and capabilities of state agencies as these relate to telecommunications, will be completed soon, but the entire study will not be completed before summer of 1978.

The Board Office indicated that the board's institutions have provided inventory information for this study regarding telephone, radio, television, and data communications. This state-wide study may result in a proposed system less costly than an FM radio interconnect system devoted only to public radio.

The Board Office reported that technical developments in two areas may change the recommendations of Atlantic Research. One development pertains to the availability of satellite communication to all Iowa public radio stations from the National Public Radio Satellite system. In addition to communications from the satellite to local radio stations ("downlink"), the system will provide for communication from selected local radio stations to the satellite ("uplink"). WOI-FM has been targeted on a policy basis as the only station in Iowa for an "uplink" to the National Public Radio Satellite system pending technical evaluation of the radio site by Collins Radio. The WOI-FM "uplink" to this satellite would allow communication of high-quality live programs to all the Iowa stations for in-state consumption. Eventually, it may be practical to include additional "uplinks" to the satellite at a cost of approximately \$100,000 each. The cost for in-state use of the satellite is estimated to be about \$30 per hour.

The second development pertained to the improvement of audio quality by use of digital audio for transmission of FM radio from satellite to earth or between microwave relay stations. The equipment for such a system is expected to be available in late 1978.

In summary, the Board Office stated that it is appropriate to develop improved methods for communicating news, public affairs information, music, information on arts and cultural activities, and instruction in view of the Regents' responsibility to serve the public within the state. Opportunities for improvements through cooperative efforts between the Iowa Public Broadcasting Network, the Department of Public Instruction, and the Board of Regents should be fostered. The Committee on Educational Coordination recommended "a legislative request for funds for an interconnect system and for new stations where it would be necessary to make such a system effective."

The Board Office reported that an "uplink" at Ames and "downlinks" at all public radio stations in Iowa, funded by the Corporation for Public Broadcasting, should provide a suitable interconnect system if the technical conditions prove to be satisfactory. Some funding may be required to adapt to the satellite system. The amount of these funds should be estimated for development of the budget request for 1979-1981.

In discussion, Regent Bailey asked if the actions recommended before the board "soft pedaled" the reaffirmation of the concept of public educational radio as a means of advancing public education and with potential for some instructional programs. President Petersen said she interpreted the first recommendation differently in that she viewed it as a positive effort to reaffirm the need for the Bachelor of Liberal Studies degree program, for example. She added that she viewed what Regent Bailey termed as "soft pedaling," "underscored the importance" of that function, instead. Mr. Richey noted that the recommendation should be worded differently to better reflect the importance of instructional programming. Regent Bailey said he wanted more "affirmative" wording used.

Regent Slife said he understood President Boyd's concerns relating to the instructional activities. He noted that the Iowa Public Radio Program Council reported that of the 74.5 hours of proposed programming, one hour would be instructional. Regent Slife said that while the balance may be highly desirable, it certainly is not "instructional" in any general educational sense. Regent Slife said as long as the board is broadening the idea of the Regents institutions and Regents requested appropriations that it ought to place emphasis on the educational aspects of this entire project.

Regent Slife commented that if the Educational Radio Facility Board reaches out for more and more money from what they call their "Friends" group, it is going to be more and more difficult for any kind of educational activity to go forward on those educational stations. He noted that people don't pay five dollars for instruction; they pay for "jazz without commercials." Regent Slife stressed that if the board was considering asking for state funds for more radio expansion, "educational material in the traditional sense" should be aired.

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Vice President Martin said there was no gainsaying that the board was talking about asking for funding for the proposals from the legislature. He noted that there were comments made about that viability. He reported that he feels that that there is a conviction that there is a cultural education function of the stations but he concurred with Regent Slife in that he had no doubt that a Spanish II radio program, for example, would not receive the listener audience as music programs would.

Mr. Hugh Cordier, Interim Executive Director, Iowa Public Broadcasting Network, reported that the Division of Continuing Education with cooperation from the University of Iowa English Department underwrote the Shakespeare by Ear radio program. He noted that \$8,000 of the funding for the Shakespeare program was received in terms of staff and facilities. He stated that credit was obtainable through listening to that program. Mr. Cordier indicated that equally important to the fact that Shakespeare by Ear was offered for credit, the listener response indicated that even those persons not taking the course for credit considered it to be one of the station's best offerings. Mr. Cordier emphasized that he was referring to a beginning point with respect to the program as the program is currently aired one hour a week. He expressed hope that in five years the network will be offering, for example, eight to ten hours of airing a week. Mr. Cordier said the commitment to start the Shakespeare by Ear program took a lot of time and programming. He went on to say that a lot of caution was exercised prior to its implementation.

President Boyd noted that there is no question but that the delivery of television and radio courses has not been going as well as had been anticipated. He reported, however, that if funding for television and radio educational coverage becomes unavailable, the board still has a commitment to provide such education. He made specific reference to the Bachelor of Liberal Studies program.

Mr. Douglas Vernier, Director of Broadcasting, University of Northern Iowa, reported that the use of cassettes has been proven to be a helpful way of audio educational delivery in the New Jersey school system. Mr. Vernier stated that he sees several kinds of delivery systems for the Bachelor of Liberal Studies. Mr. Vernier said he is confident that public radio should be involved in the delivery of some programs but added that the degree of involvement is the central issue.

President Boyd said the board has a serious problem with respect to how involved it wishes to be in radio and television educational aspects of education. He said he could not overemphasize the fact that external degrees should not cost more money to provide than on-campus degree programs. He said the state's citizenry has a commitment for quality on-campus degrees and that should be the board's first objective. He commented that while the State University of Iowa has attempted using educational radio, it has already been committed to the Bachelor of Liberal Studies degree and the problem of finances does evolve.

Regent Slife reiterated his feelings that unless the Regents' networks provide "educational" material, the board has "no business" requesting money for same from the legislature.

Regent Belin agreed with the statements made earlier that the educational stations should be putting out educational material. She commented, as a

member of the Iowa Public Broadcasting Network's Board, that the IPBN is tremendously concerned that cooperation among state agencies be continued to insure that the remaining vacancies for public radio serve all areas of the state. She noted that she views public radio as a means to teach the universities' students the fine art of being on the radio and running the station. She viewed public radio as a part of the board's communications studies, an integral part of instruction in the media arts. Regent Belin said the board should work to make the stations educational in the best sense of the word.

President Petersen noted that the board is going to have to deliver courses in a wide variety of formats and packages. Even if the board devises cassette packages for course delivery, that will not mean that courses can not continue to be carried on the radio and television. She reported that while the "cassette part of the industry" may move forward, that would not mean that some of the regular broadcasting or portions of courses are not going to be provided on educational television.

President Petersen reported that the board has discovered through the courses packaged by the University of Mid-America that motivation and timing of education plays an important part in the transmitting of education. President Petersen indicated that cassettes may not have as strong an element in the delivery of courses as the radio and television media would. She noted that the board has a sizable investment involved in its radio stations and the board, therefore, has some right to expect that the stations will help deliver live courses.

President Parks commented that no media opportunity should be neglected in the promotion of learning. He emphasized that the radio outlet should be vigorously encouraged for educational possibilities. He expressed caution, however, in that he felt that the board should not expect too much from radio on formal instruction because professors are restricted, even though they do their best. He noted that television seems to attract more interest than radio.

President Petersen indicated that the Carnegie Commission is undertaking a study on the significance of radio and television educational opportunities around the country. Its report will come before the board in January of 1979.

Vice President Martin reported that the board was discussing an area in which there is substantial federal support and national public policy regarding it. He said that he, as an educator, deploras the situation wherein the board can't quite use public radio for instructional purposes in the way it would like. He attributed part of the fault to the fact that the federal government has restrictions on its funds granted. He said those restrictions have been barriers to closer relations in instruction and in teaching people who will become professionals in the field of radio.

President Kamerick stated that the board should be cognizant of the fact that its radio stations are one-third budgeted by federal funds. He said that third makes quite a difference as to what the Regents can do with those stations. He emphasized, too, that as much educational work be aired as possible.

President Petersen asked Mr. Cordier what he viewed as possible alternative ways of delivering instructional programs. Mr. Cordier responded that public radio has only begun being tapped as to its possible potential uses. He commented that he feels that television does not offer greater influence on learning than radio does. He admitted, however, that it is difficult to build good radio and television programs.

Mr. Cordier reported that when the Iowa Public Broadcasting Network approached the board on radio programming for educational purposes, it requested that the board commit itself to one hour a week of instructional programming. The network would then generate one new instructional radio program a year.

President Petersen reported that two problems are involved with respect to doing what Mr. Cordier proposed. First, she noted the problem of planning and packaging and assembling the material, and secondly, delivering it.

Regent Wenstrand agreed with the comments made about the potential of public radio. He expressed concern that the board should not duplicate efforts to which the majority of people throughout the state already have access. Regent Wenstrand noted that he is always concerned with marginal benefits versus the costs.

Regent Slife reported that radio is currently undergoing tremendous improvements in technology. He responded to a question by Regent Brownlee by stating that there is no question but that the whole broadcasting picture is going to change within the next ten to twenty years.

Regent Bailey reported that he did not feel that a person could judge the success of an individual instructional program on the number of listeners that you have. He noted the difference in numbers of possible listeners comparing a college credit education airing and an entertainment airing. He said the ratio may be 1 to 10, respectively, but the most benefit would be attained through the college credit program.

President Petersen summarized the board's discussion by stating that education is not just for credit. The board also has as part of its responsibility the culture aspect. She noted that her objective was to see that both are welded into the educational missions of the board's institutions.

Mr. Vernier commented that he was of the opinion that interconnecting the stations as proposed other than the satellite method would be a waste of taxpayers' money.

Mr. Cordier reported that the Iowa Public Broadcasting Network's Board did not have unanimous agreement on this matter. He reported, however, that the disagreement was limited to one voice. He indicated that the rest of the members were unanimous in their opinion that an interconnect was desirable. At this stage he noted that it was not known whether a satellite or terrestrial interconnect would be most desirable.

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MOTION:

Mrs. Belin moved the board: 1) reaffirm its support of the concept of public educational radio for instructional programs and as a means of advancing public education (in the sense of liberal education and the arts); 2) encourage the establishment of FM radio stations at Council Bluffs, Fort Dodge, Mason City, Ottumwa or Fort Madison, with off-air pickup from Regents' stations, if desired, and with the community colleges or Iowa Public Broadcasting Network applying for the licenses; 3) consider an interagency request for appropriations for a satellite or terrestrial interconnect system as developed by an interagency task group consisting of representatives of the Iowa Public Broadcasting Network, the Department of Public Instruction, the State Communications Division, the universities, and the Board Office; and 4) encourage greater exchange of program recordings, including material for the Bachelor of Liberal Studies and other instructional programs, pending implementation of an interconnect system. Mr. Wenstrand seconded the motion.

Regent Belin reported that her motion did not commit the board in any way to the terrestrial interconnect course. Mr. Richey noted that the task force would report back to the board on a study of both satellite and terrestrial interconnect systems.

VOTE ON MOTION:

The motion passed unanimously.

B. Student Persistence Report. The Board Office recommended the board accept Supplement No. 1 to the persistence study of September 1977.

The Board Office reported that the persistence study at Regents' universities, submitted to the board in September of 1977, studied the 1970-1971 entering class of undergraduates at Regents' universities. That report did not present data about reasons for nonpersistence. The present supplement attempted to provide data regarding those reasons for nonpersistence.

The Board Office indicated that American higher education's dropout rate has been persistent, serious, and difficult to reduce. As measured by a student graduating in four years from his/her original college, the dropout rate has been about 40% nationally for the past 45 years. Transfer and returning students, who eventually complete their degree programs, do reduce this attrition rate, so that some may question the 40% rate.

In an attempt to reduce the rate of attrition, studies have been conducted to determine the causes of dropping out. One set of these focused on the characteristics in the student that relate to persistence or nonpersistence. A second group of studies focused on the "fit" between the student and the campus, assuming a theory of "congruence." A third group of studies attempted to elicit student reasons for dropping out, stopping out, or persisting. All three of these kinds of studies are complementary, and offer perspectives on reducing the attrition rate.

In attempting to determine those characteristics in the student's past that will predict persistence and nonpersistence, studies have come up with a possible list of those relating to persistence. By far the greatest indicator of student persistence is the student's past academic record and academic ability. Next in importance are the student's degree plans at the time of college entrance (highest degree sought), religious background, religious preference, concern about college finances, study habits, and educational attainment of parents. The most "dropout-prone" freshmen are those with poor academic records in high school, low aspirations, poor study habits, relatively uneducated parents, and a small town background. Dropping out is also associated with being older than most freshmen, Protestant parents, no current religious preference, and cigarette smoking. Among women, those who are married or who have marriage plans are more likely to drop out, while among males, being married at the time of college entrance is related to persistence.

The Board Office indicated that in terms of characteristics or factors in the institution or environment that are significant, the most important item is that the greater the involvement of the student in the institution, the greater are his/her chances of persisting through to graduation.

When the question of why students drop out of college was raised, the following answers seem to be most prominent: boredom with courses, finances, other, marriage (for women), and grades (more for men than for women).

The Board Office outlined a number of available ways institutions can increase student retention: academic programs, admissions, orientation, counseling and advisement, financial aid, work opportunities, extra-curricular activities, and housing and student services. A major thrust of many of these efforts is to increase contact with faculty and peers, those who are the "significant others" who help students become involved and persist.

Regent Wenstrand commented with respect to the "orientation" method of retaining students. It was noted that orientation can be used for several purposes to help reduce nonpersistence. The Board Office reported that first of all, data can be collected by individual students to assist in determining potential dropouts for a given class. Second, students can be familiarized with the current findings about student characteristics related to persistence and nonpersistence. Institutions in which this approach has been tried have found it highly successful when coupled with contact with faculty involvement in showing able students what college has to offer after the basics are taken care of. Regent Wenstrand asked if the second purpose would have a negative impact if the student found out that a particular category had a very low success rate. He noted that such orientation could be detrimental rather than helpful.

Regent Wenstrand noted that on-campus employment substantially increases the student's chances of finishing college. He asked if the minimum wage law has an impact on student employment. Mr. Richey responded that the state's institutions are exempt from complying with the minimum wage law. President Kamerick said that the University of Northern Iowa had planned to provide the minimum wage on July 1, 1978, but funds have not been made available to increase those salaries. Vice President Brodbeck stated that the State University of Iowa does pay the minimum wage but such payment has

not affected the rate of employment. President Petersen recommended the universities provide the board with reports on this matter at the next board meeting since the institutional policies on this matter do vary.

The Board Office reported that counseling and advising can be used to upgrade academic performance in a variety of ways, such as recommending courses in study habits, advising on choices of majors, etc. Counseling and advisement can also be a prime source of helping students become more involved in campus life, such as pointing out extracurricular activities that are available, financial aid opportunities, housing possibilities, work opportunities, and information on the impact on dropout chances of such factors as marriage and off-campus work. At some institutions, counseling is the core of the attempt to increase retention. Regent Brownlee noted that the most frequently used reason for nonpersistence at the State University of Iowa was "academic advising services." Regent Brownlee inquired as to what the university is going to do about that fact.

President Boyd responded to Regent Brownlee by stating that the information pertained to initial enrollees and transfer students of the 1970-1971 freshman class who did not complete a degree at any Regents' university or who were not enrolled in a Regents' university at the time of the study. The supplement to the persistence study did not reflect what the university has been doing the last several years with respect to advising services. President Boyd noted that expansion of staff has occurred in that area. On the other hand, he stated that the university will never have enough advising and counseling services available. President Boyd commented that when a student leaves, the adviser is not there (during the exit interview) to try to stop the student. The adviser is there to find out why he or she is leaving. He emphasized that counselors can not decide for the students what they want to do, they can only advise.

Regent Brownlee commented that he was under the impression that academic advising and counseling was being done at the University of Iowa somewhat indiscriminately among the faculty due to the lack of necessary staff. President Boyd responded that he would not say "indiscriminate" counseling was being provided in the sense that general advisers, for example, have continual orientation. They are advising on a broader spectrum than other advisers in the more specific fields. Regent Brownlee said that while he realized that the universities are probably not going to have enough people to do counseling full time, some faculty would undoubtedly do better jobs of advising than others. He suggested that those members of the faculty be utilized more than those who do not enjoy the counseling aspect as well.

Regent Brownlee said his primary concern with respect to advising was in the freshman/sophomore college year. He referred specifically to undergraduate advising and reiterated that he didn't feel the institutions were providing good enough services. Regent Belin concurred with Regent Brownlee.

Vice President Christensen agreed with Regent Brownlee with respect to the importance of academic advising and counseling. He said Iowa State University is extremely conscious of the importance of good counselors. Vice President Christensen commended the Board Office staff on its analysis of the supplement to the persistence study.

Regent Bailey said he wanted "counseling" distinguished between academic counseling and other counseling. He indicated that the discussion above referred to academic counseling.

Regent Bailey noted that living in a dormitory during the freshman year seemed to increase students' chances of finishing college. Living away from home in a private room or apartment appeared to increase a man's chances of finishing college, but not as much as living in the dormitory. For women, however, dropout chances are generally increased by living in a private room or apartment.

Regent Harris asked if there was a difference in dropout rate between students from private and public schools. Mr. Barak reported that the Board Office had on file information which pertained to those ratios. He said he would share that information with Regent Harris.

President Boyd commented that peer pressure plays a very important role in students' persistence. He noted that is one of the reasons that a residential university is more likely to have a higher persistence rate than a commuter university where peer support is not as evident.

President Petersen stated that Iowa's institutional persistence studies compare favorably with the national figures on persistence in both public and private institutions.

In summary, the Board Office reported that the findings of the survey on student persistence showed:

- 1) The major reasons for students leaving the University of Northern Iowa and Iowa State University seemed to relate to personal factors, such as marriage or moving, while those at the State University of Iowa pertained to support areas of the academic program, such as academic advising and counseling.
- 2) The areas of greatest satisfaction at Regents' universities seem to rest mainly in two areas, with library services being the most satisfying and recreational facilities being the next most satisfying.
- 3) The areas of least satisfaction for nonpersisters at Regents' universities are (in rank order): academic advising services, amount of contact with teachers, and counseling/guidance services.
- 4) In terms of the question whether nonpersisters at Regents' universities go to another institution, the data showed that moderate to high percentages (roughly 40% to 80%) go on to other four-year institutions and that moderate percentages (40% to 60%) do graduate.

In absence of objections, President Petersen accepted the Supplement No. 1 to the persistence study of September 1977.

CERTIFICATION OF PROFESSIONAL STAFF BY DEPARTMENT OF PUBLIC INSTRUCTION.
A. Iowa School for the Deaf. The board was requested to accept the report by the Department of Public Instruction regarding program offerings and certification compliance at the Iowa School for the Deaf.

The Board Office reported that the Department of Public Instruction has issued the Iowa School for the Deaf a "Letter of Compliance," which indicates compliance with the Department of Public Instruction's standards and rules effective for the year 1977-1978. This letter certifies that all professional staff members at the Iowa School for the Deaf meet appropriate certification and approval standards as determined by the Division of Teacher Education and Certification. The "Letter of Compliance" was issued to the school subsequent to verification of all professional staff members meeting appropriate certification and approval standards.

The Department of Public Instruction also provided the Iowa School for the Deaf with a monitoring report which included recommendations which must be implemented in order for the department to issue a "Letter of Compliance" for the 1978-1979 school year. Many of the items contained in the monitoring report not only pertain to the requirements under Iowa's Rules of Special Education but also must be met, so the state is in compliance with Rules and Regulations to Implement Public Law 94-142.

The Board Office stated that the monitoring report indicated several areas of concern which need to be modified prior to the "Letter of Compliance" for the 1978-1979 school year. The recommendations follow:

- 1) The first recommendation concerns a request that all current employees on temporary authorization status and all new employees will need to submit proper paper work to continue that status prior to the 1978-1979 school year, if Iowa School for the Deaf is to continue in a compliance status concerning certification. Furthermore, the Department of Public Instruction requested that all currently employed, temporarily authorized employees will have completed programs leading to full authorization prior to the 1980-1981 school year.
- 2) The second recommendation requests further involvement of parents in the process of developing the individual education plans to the maximum extent possible. The report also recommends that procedures concerning the development of individual educational programs for all students at the Iowa School for the Deaf be written out in detail. The report notes that future visitations to the Iowa School for the Deaf will place emphasis on the school having written procedures developed and a monitoring system to insure that all components are included in the individual educational program process.
- 3) The report recommends that procedures need to be developed to insure that: 1) parental consent is obtained prior to formal evaluation; 2) parental agreement with the placement of their child at the Iowa School for the Deaf has been obtained; 3) information is being shared concerning parental and child rights concerning impartial due process hearing; and 4) information concerning parental rights during a hearing and appeal process are provided to parents. In addition, the report suggests that written policies and procedures concerning the protection of the confidentiality of records and access to records need to be developed by the school.
- 4) The monitoring report noted that it is difficult to determine if the central file records contain comprehensive educational evaluations for each pupil. The report also stipulates that the central file records

need information relating to diagnostic speech and language evaluations for pupils. The report also recommended that the school employ a speech and language pathologist who has had experience in working with hearing-impaired pupils or a training emphasis dealing with pupils who have hearing impairment.

In response, Superintendent Giangreco reported that: 1) the school's teachers now on temporary certification will have "double" certification by the beginning of next school year; 2) a year ago the school developed a state plan which involves parents; 3) parents are involved in placement of their child at the school. (He said continual work is going on with respect to the developing of procedures to meet the requirements in this area.); and 4) this has been discussed at a staff meeting and, hopefully, the school can meet all the requirements the monitoring report indicated with respect to the central file records. Superintendent Giangreco said he was astonished by the monitoring report, however, in that it said there was a lack of information relating to diagnostic speech and language evaluations because Superintendent Giangreco said no one checked the central files.

Superintendent Giangreco reported that next year the school will be hiring speech language specialists.

MOTION:

Mr. Harris moved the board accept the report by the Department of Public Instruction regarding program offerings and certification compliance for the Iowa School for the Deaf. Mr. Bailey seconded the motion.

Mr. Barak reported that there is a lot of dialogue occurring now between the Iowa School for the Deaf and the Department of Public Instruction which is to be beneficial to both parties. He stated that the Department of Public Instruction's Special Education Section has been undergoing some changes and now things are becoming more permanent, which should help interagency relations. Superintendent Giangreco said there is excellent rapport between the Department of Public Instruction and the Iowa School for the Deaf.

VOTE ON MOTION:

The motion passed unanimously.

B. Iowa Braille and Sight Saving School. The Board Office recommended the board authorize the Board Office to immediately undertake interinstitutional discussions for the purpose of developing in-service education programs for the staff at the Iowa Braille and Sight Saving School in order to facilitate the acquisition of appropriate certification by all professional staff at the Iowa Braille and Sight Saving School.

The Board Office reported that a large number of the professional staff at the Iowa Braille and Sight Saving School do not meet the certification requirements of the Department of Public Instruction's standards and rules. Consequently, it will be necessary for these staff members to acquire the necessary certification as soon as possible. Since there are not available in the state of Iowa appropriate and convenient training programs to facilitate the acquisition of the appropriate certification training, it was recommended that the board authorize the Board Office to undertake discussions with the administration of the Iowa Braille and Sight Saving School and representatives of the three Regents universities for the purpose of developing

the appropriate in-service opportunities for Iowa Braille and Sight Saving School's staff. It was anticipated that the Board Office role in this matter would be to coordinate the discussions regarding the matter and to keep the board adequately informed of the progress in meeting the training needs.

Mr. Richey commented that the Governance Study Committee which the board commissioned a few months ago has been working very well. He said he hoped that recommendations from that committee would be forthcoming to the board in June of this year.

Regent Bailey asked where the necessary funding will be from with respect to the in-service programs. Mr. Richey said the funding issue would be part of the interinstitutional discussions. He commented that there is no money specifically allocated for this purpose. He noted that the question has been raised by the Governance Committee as to whether there is some latitude within the institutions for redirection of programming and faculty within existing staffing to handle this badly-needed problem. He reported that the enrollments in teacher education have declined rather significantly over the past few years so there is some latitude involved. Mr. Richey said the board has an urgent need for appropriate trained and certified teachers. The board needs to "capture its resources" to satisfy that need. Mr. Richey said the board will be working closely with the Committee on Educational Coordination with respect to teacher certification.

Mr. Richey indicated that the board has been forced, over the years, to hire people who are not appropriately certified with the hope that those persons would obtain the additional training necessary. He stated that when that certification is obtained, the teachers receive a premium in their pay.

Superintendent DeMott reported that Iowa Braille and Sight Saving School's teachers normally get their basic training in the areas of elementary education, secondary education, and specific subject areas the same as any public school teacher. He said the school's staff is fully certified in that sense. Frequently, the school's faculty will continue their graduate education to fulfil the certification requirements but the problem is that there are not enough teachers available to teach in the area of visual impairment. Superintendent DeMott reported that the school has been working closely with the University of Northern Iowa in teacher training.

Superintendent DeMott said he feels there need to be standards for certification that are more applicable to the Iowa Braille and Sight Saving School. He said that more on this matter will be before the board next month.

Regent Bailey asked if Superintendent DeMott felt the certification standards would ever require him (Superintendent DeMott) to be certified. Superintendent DeMott responded by saying that he, admittedly, has differences of opinions with respect to who should be certified at the school. With respect to his specific position, he said the matter gets very complex. Part of the complexity stems from the fact that different titles for the same types of courses often cause problems in certification. Superintendent DeMott said a "series of hurdles" in the educational field would cause him to not be certified if the requirement would ever arise. Regent Brownlee said he felt

the Board Office should engage in serious conversation with the Department of Public Instruction about the applicability and propriety of the department's teaching standards. Mr. Richey said such conversation will be pursued.

MOTION:

Mr. Harris moved the board authorize the Board Office to immediately undertake interinstitutional discussions for the purpose of developing in-service education programs for the staff at the Iowa Braille and Sight Saving School in order to facilitate the acquisition of appropriate certification by all professional staff at the Iowa Braille and Sight Saving School. Mr. Wenstrand seconded the motion and it passed unanimously.

ACCREDITATION REPORTS. A. Iowa School for the Deaf. The Board Office recommended the board accept the accreditation notification to Iowa School for the Deaf by the North Central Association Commission on Schools.

The Iowa School for the Deaf was notified by the North Central Association Commission on Schools that its application was accepted as an "optional special function school" in the North Central Association membership. The Board Office reported that a report on this accreditation was not made at this time by the North Central Association but will be undertaken at the time that the Iowa School for the Deaf is visited for its reaccreditation with the appropriate deaf association. At that time, a joint accreditation will take place with representatives of both associations in attendance.

President Petersen commended the Iowa School for the Deaf on achieving its North Central Association membership.

B. University of Iowa Graduate Program in Hospital and Health Administration. The Board Office recommended the board accept the accreditation report on the graduate program in Hospital and Health Administration at the University of Iowa.

The Board Office congratulated the university for its efforts in achieving reaccreditation of its program in Hospital and Health Administration. It noted that this program has been through some difficult times in recent years, and it now appears to be well on its way to becoming a program of considerable strength.

Regent Bailey asked if the Master's degree is the terminal degree in the above-mentioned program. Vice President Brodbeck responded by saying that the Master's degree is the degree for professional practice. The department also gives the Ph.D., which is oriented toward teaching and research.

C. University of Iowa Affiliated Speech and Hearing Services. The Board Office recommended the board accept the accreditation report of the University of Iowa Speech Pathology and Audiology.

The Board Office reported that the American Speech and Hearing Association has notified the University of Iowa that it received continued accreditation in speech pathology and audiology. This accreditation will continue for a

period of five years, subject to review and approval of annual reports submitted by the University of Iowa to the Professional Services Board.

D. University of Iowa College of Law. The Board Office recommended the board accept the report by the Accreditation Committee of the Section of Legal Education and Admissions to the Bar of the American Bar Association regarding the College of Law at the University of Iowa.

The Board Office reported that the University of Iowa was notified by the Accreditation Committee of the Section of Legal Education and Admissions to the Bar of the American Bar Association that "in terms of the accreditation standards of the Association of American Law Schools, the Iowa Law School exceeds the requirements in every category save one--the requirement that the law school shall have an adequate physical plant." The physical plant concerns were expressed by the inspection team in nearly every section of its report, regardless of the topic. The report also made it clear that the College of Law is a superior law school in all other respects.

President Petersen noted that the report underscored the very critical problem of facilities in the college. Regent Bailey asked whether limiting enrollment would be a potential solution to that problem. President Boyd noted that enrollment would have to be cut in half or further to solve the facilities problem. He said that the College of Law is the most poorly housed professional program at the university. He added that he and the dean will be making progress reports to the accrediting group regarding solutions to the facilities problem. President Petersen noted that she assumed this would be a matter that would be addressed in both the planning sessions and in the next capital requests.

In absence of objections, President Petersen accepted all of the accreditation reports as noted above.

LEGISLATIVE REPORT. The Board Office reported that the 1978 Legislature is entering into its final weeks. Most major appropriation bills have been decided.

The Board Office provided a written report on legislative actions which had occurred through Wednesday, April 12. Mr. Richey gave an oral report on actions affecting the board or the institutions which occurred during the past week.

Mr. Richey stated that Senate File 2229 makes the following capital appropriations to the board:

- 1) Lindquist Center for Measurement -- Phase II -- Equipment
(\$535,000)
- 2) Construction of a new Music Building at Iowa State University
(\$3,620,000)
- 3) General Capital Purposes
(\$395,000)
- 4) Tuition Replacement
(\$3,465,000)

Mr. Richey said the House Budget Committee adopted the Senate version of the capital bill with the exception of an amendment which states that in effect none of the \$395,000 could be used for planning any major new buildings or major additions to existing new buildings at the board's institutions. If this amendment were adopted as a part of Senate File 2229, it would mean that the board would be prohibited from using any of the \$395,000 for planning the library addition at Iowa State University or for planning the addition to the Vocational Building at the Iowa School for the Deaf, for instance. Mr. Richey said he specifically indicated to members of the legislative subcommittee and informed them that there would be a possibility that the board would utilize some of the \$395,000 for planning after its emergency fire protection needs were met, etc. Mr. Richey reported that the legislative subcommittee members were very concerned about the use of those funds for planning purposes. Mr. Richey noted that he only received a response from House legislative subcommittee members.

Regent Bailey reported that he has never been very supportive of bonding but he said he felt the board should look at this alternative in its need for planning funds. Mr. Richey said he did not feel the board took action on use of bonding for this year. Mr. Richey added that he informed the legislative subcommittee that money used for planning would not be used as a commitment to carry out the project.

Mr. Richey reported that House Study Bill 469 deals with sick leave action taken in House File 634 (passed during the 1977 Legislative Session). Mr. Richey stated that this bill was reported out of the House Budget Committee earlier this week. One of the provisions of House File 634 provided that the legislative council would employ actuaries to study the cost of various uses of accrued sick leave. Some of the alternatives being studied include payment of monthly premiums for health insurance and/or life insurance, the purchase of annuities for the retired employees and early retirement provisions. Recommendations were to be made to the legislature during the 1978 Session concerning the benefit programs proposed and the source of funds to finance those programs. Mr. Richey said this bill takes away from the retirees and gives to the current employees. For that reason, the board has expressed serious concerns about the proposal to the Governor and to the House committee.

Mr. Richey reported that Senate Study Bill 2130 makes certain changes relative to unemployment compensation procedures. He noted that the board's institutions do not pay an unemployment compensation tax. The board's institutions are on a reimbursement schedule, as are most other states. The federal law is saying that Iowa's procedures are in violation of federal law and therefore eight states (Iowa included) are going to be sued.

President Kamerick asked about the progress of House Study Bill 481. (This bill provides authorization for the board to employ an attorney as a bargaining representative under Chapter 20 of the Code of Iowa.) Mr. McMurray noted the bill is now on the House Calendar. He added that since a Sifting Committee has now been appointed in the House, it appears that issues such as this could be addressed more easily.

Regent Bailey commented that House File 2399--Senate File 2228 is basically a bill providing for establishment of a state operated student guaranteed loan program. The bill has in it a change in name of the Higher Education Facilities Commission. The commission took the position of supporting a name of "Postsecondary Education Assistance Commission" but that name was changed in the education committee in the Senate. Regent Bailey said he assumes that this matter will eventually be resolved back to the name supported by the agency.

Regent Bailey asked about the progress of Senate File 2201. He noted that this is a major piece of legislation requiring public officials and candidates to publicly disclose financial interests, prohibiting receipt of certain gifts, requiring a report of receipt of certain gifts relating to conflict of interest, and providing penalties. Mr. McMurray said the Board Office is currently working with the House State Government Committee on amendments to the bill. Regent Bailey noted that while attending board meetings, board members and institutional officials are provided lunch. Under the bill, if adopted, the board would have to report that "gift." In actuality, Regent Bailey said the luncheons are now provided not to institutional officials and members of the board as individuals, but to the state of Iowa. If the luncheons were not provided, each person would be charging the state separately.

Regent Bailey commented with respect to Senate File 2234 and Senate Concurrent Resolution 118. Both the bill and the resolution deal with mental health delivery systems in Iowa. Regent Bailey indicated that it should be made apparent that the board is closely involved in this legislation as it is the agency designated to govern such systems. Regent Bailey reported that the present chairman of the Mental Hygiene Committee has written a letter to the legislature suggesting certain modifications in the bill. Regent Bailey stated that it has been proposed that the Mental Health Authority should be the continuing agency or "the" agency to handle the overseeing of mental health in the state.

Mr. McMurray stated that he understands that Senate File 2234 does not really rule out what Regent Bailey proposed as it primarily calls for a study to identify where mental health responsibility should be centralized in the state. Further, he noted that he understands the bill has been discussed at the University of Iowa and that unless the University of Iowa had a suggested position for the board to consider, we could continue to show this bill as being under study. President Boyd responded that the university did not have a position to suggest.

The Board Office also submitted an updated summary report on bills being followed by the Board Office and showed in the memorandum any change in position from that shown in earlier reports.

PROPOSED ADJUSTMENTS IN PROFESSIONAL AND SCIENTIFIC PAY PLANS FOR JULY 1, 1978. The Board Office recommended the board approve the professional and scientific pay plan adjustments, as proposed in the material presented the board.

The Board Office stated that last year the board approved adjustments in the salary schedules for professional and scientific employees at Iowa State University, the University of Northern Iowa, Iowa School for the Deaf, Iowa Braille and Sight Saving School and the Board Office which were equivalent to the amount of the mandated increases. Approved adjustments in the University of Iowa schedule varied slightly. This year the University of Iowa proposed:

- 1) To adjust the maximums of the schedule so that the differential between minimum and maximum salaries increases in a smooth curve from pay grade one to ten and then remains stable; and
- 2) To increase both minimum and maximum of pay grades one to five by 5½%, of pay grades six through nine by 6%, and of pay grades ten through eighteen by 6½%.

The university reported that Robert H. Hayes and Associates has reviewed the proposed adjustments and concurred with same. It was noted that no professional and scientific employees are paid below range minimums, and the pay of only one employee is above maximum and red-circled. The spread between the minimum and maximum salaries in grade one has been reduced in the proposed schedule from 55% to 52%, and in grade two from 56% to 53%. Percentages of spread between minimums and maximums increase gradually until they reach 58% and 59% at grade eight and after.

The Board Office indicated that while position titles and the assignment of titles to grades at Iowa State University and the University of Northern Iowa vary, the same pay schedule has been in effect at both universities since July 1, 1975, and like adjustments were recommended for 1978-1979.

Minor changes were proposed in grade midpoints to remedy the distortion effected by last year's adjustment and reestablish the desired relationship between grades. Grade minimums were increased by 5% and the maximums by 7%, based on legislative appropriations, market competition, particularly at the lower and middle grade levels, and in order to maintain established equitable relationships between grades. The proposed adjustments would also reduce the number of red-circled rates at both universities. (The Board Office stated that there are no professional and scientific employees paid

below the minimums established for their grades at any Regents' institution. The Iowa State University salary distribution table represented part-time salaries or unfilled positions.) The salary schedules proposed by Iowa State University and the University of Northern Iowa indicated that the spread between range minimums and maximums would increase from 37.6% at grade one to 52.9% at grade eight.

The Board Office reported that the proposed 1978-1979 schedules for professional and scientific employees at Iowa School for the Deaf, Iowa Braille and Sight Saving School and the Board Office were computed by increasing range minimums 5% and range maximums by 7%.

The Board Office stated that the professional and scientific pay plans are working reasonably well at each institution and the Board Office. The recommended adjustments would enable continued recruitment and retention of qualified professional staff.

MOTION:

Mr. Brownlee moved the board approve the professional and scientific pay plan adjustments for the University of Iowa, Iowa State University, the University of Northern Iowa, the Iowa School for the Deaf, Iowa Braille and Sight Saving School, and the Board Office as presented the board. Mrs. Belin seconded the motion.

Regent Bailey noted that House File 634 appropriated to the board so much as is necessary to fund in each fiscal year an average salary increase of two percent of salaries of professional and scientific employees, except Board Office employees, paid during the preceding year to be allocated to such employees at the discretion of the board. He asked if the proposal now before the board would "deal the board out of that discretion." In response, Mr. Richey stated that this year 5% to 6% general increases were mandated and the 2% had discretionary merit use. The proposed schedules, he added, were adjusted upward by about 6½% to 7% but the only "mandatory" portion of the adjustment for an individual employee was 5% to 6%.

President Kamerick then introduced Ms. Roxanne Conrad, Vice President of the University of Northern Iowa's Professional/Scientific Council. Ms. Conrad reported that the recently organized Professional/Scientific Council is interested in working on such matters pertinent to professional and scientific employees. Ms. Conrad stated that it was decided by a majority of the council members to draft the proposal and to go on record as having had minimal input into the salary proposal being presented. (Ms. Conrad reported that the council did not receive a copy of the salary proposal until April 18th.)

Vice President Stansbury said he recognized the Professional/Scientific Council's sincere interest to work with the administration and the board to develop procedures for the professional and scientific employees at the University of Northern Iowa. He expressed appreciation to the newly-formed group for the work they have done so far.

VOTE ON MOTION: The motion passed unanimously.

PERSONNEL POLICY GUIDELINES FOR PROFESSIONAL AND SCIENTIFIC STAFF. The Board Office recommended the board direct its institutions to develop personnel policies in accord with guidelines presented it and to present such policies, following appropriated consultation with affected staff, for review and approval by the board at its December meeting.

The Board Office explained that institutional pay policies approved by the board have been in effect for all Regents' professional and scientific employees for two years. Under the proposed action, the institutions and the Board Office would submit policies concerning the employment status of professional and scientific staff for review by the board. The recommended action would provide for board review of policies which would be proposed in accord with the guidelines.

Assistant Vice President Small reported that she has met with the Inter-institutional Committee on Personnel and the committee wanted it understood that review and approval of the proposed personnel policies should be "targeted" for December but not "fixed." She said some concern was expressed as to whether adequate consultation would have taken place by that time.

President Boyd commented that there are some major variances among the Regents' institutional campuses with respect to the professional and scientific staff's personnel policies. President Parks concurred with President Boyd's remarks by saying the guidelines for professional and scientific staff are very different than the more or less "uniform" merit system guidelines among the institutions. He said the professional and scientific guidelines are "campus" plans rather than interinstitutional plans.

Regent Slife asked about the guideline stating that probationary staff members (professional and scientific) will be given the opportunity to earn career status. He asked if that meant that professional and scientific employees could be given the opportunity for a "non-academic version of tenure." President Boyd responded by saying tenure is not provided to the professional and scientific staff at the University of Iowa but the career status guideline will be discussed and defined more precisely when it comes back to the board in or around December.

Assistant Vice President Madden stated that Iowa State University's Professional and Scientific Council has been talked to in general terms, but has not had an opportunity to comment regarding the proposed guidelines. In recommending approval of the guidelines as proposed, however, Assistant Vice President Madden said the university assumes that it would have flexibility in meeting its specific needs.

Regent Brownlee asked who formulated the guidelines before the board. Mr. Richey said they were formulated interinstitutionally. Regent Brownlee asked if the board would be setting a major policy by adopting the guidelines. He said he did not feel the board should adopt same until they have been studied further.

MOTION: Mr. Brownlee moved the board direct its institutions to develop personnel policies and present such policies, following consultation with affected staff, for review and approval by the board at its December meeting. Mr. Barber seconded the motion.

President Boyd reported that there is no clear grievance procedure for professional and scientific staff members and they have been operating temporarily under the merit grievance procedure. He said the institutions feel they have an obligation to review this matter.

Regent Harris asked what percentage of the professional and scientific staff are organized (collective bargaining). Mr. Richey responded that none are currently organized.

Regent Belin expressed concern that professional and scientific employees have adequate security in view of the fact that in some cases federal dollars are no longer available to support the project in which they were conducting research. She emphasized that employees should be protected as well as the fact that the universities should be protected. If federal funds are not available, the universities would not have to retain personnel who have been supported by federal grant funds. President Boyd concurred with Regent Belin regarding the extreme importance of job security in that type of a situation. He noted, however, that there is no way that persons can be guaranteed employment forever.

VOTE ON MOTION: The motion passed unanimously.

IOWA COORDINATING COUNCIL FOR POST-HIGH SCHOOL EDUCATION. The board was presented a report on the April 6th meeting of the Iowa Coordinating Council for Post-High School Education.

The Board Office reported that the Coordinating Council heard an interim report from its Reciprocity Study Committee. The report was primarily concerned with the committee's preliminary findings regarding the Midwest Education Compact. The Coordinating Council concluded that concerns regarding the Midwest Education Compact should be discussed with legislators. President Petersen reported that Senator Griffiee has been consulted on this matter. Senator Griffiee said he would give those concerns thoughtful consideration. Mr. McMurray reported that the bill has not moved in the legislative process as of yet.

President Boyd reported that a meeting would be held this evening between representatives of the Coordinating Council and the Continuing Education Committee to discuss future support of the regional clusters. He said there is a lot of momentum for this project at this time. He said the matter of funding from year to year would be raised at this evening's meeting. President Petersen said the funding may be raised through an increase in dues of members of the Coordinating Council.

Other matters discussed at the Coordinating Council meeting included: report on educational information centers, report on joint congressional meeting, report of the Western Iowa Task Force, and program proposals from area schools.

The Board Office reported that a copy of the Coordinating Council meeting's minutes will be sent to members of the board.

REPORT ON MEETING OF HIGHER EDUCATION FACILITIES COMMISSION. Regent Bailey reported that this year the freshmen optometry seats being purchased by the state of Iowa are going to a school in Illinois (eight) and to a school in California (two) and that the commission voted to continue the same division next year. He pointed out that a \$90,000 appropriation is now granted for the purchase of positions in schools of optometry, whereas it used to be a \$30,000 appropriation. The \$90,000 appropriation now covers the purchase of seats for three different classes of students.

President Boyd commented that he feels the Higher Education Facilities Commission should use its 1202 planning money for continuing education purposes. He said he is concerned about staffing support for continuing education.

Mr. McMurray reported that Regents Belin, Harris and Wenstrand would be sent background information on reasons why Iowa sends its students elsewhere to learn optometry.

Regent Bailey reported that there is presently a study underway of the feasibility of creating a regional school of optometry.

REPORT ON MEETING OF ASSOCIATION OF GOVERNING BOARDS FOR COLLEGES AND UNIVERSITIES. President Petersen and Regent Harris reported that they returned from the meeting of the Association of Governing Boards for Colleges and Universities last evening. They provided the board with an oral briefing of the meeting. President Petersen reported that she had some tapes of the meeting which board members would be welcome to listen to. Specific reference was made to the discussions on collective bargaining and the information gained from those sessions.

President Petersen encouraged members of the board to attend the 24-hour Association of Governing Boards meeting to be held this fall in Chicago.

CALENDAR CHANGES, IOWA SCHOOL FOR THE DEAF. The Board Office recommended the board approve: 1) a change in Iowa School for the Deaf's 1977-1978 commencement date from that approved last winter, and 2) an addition of two class days (December 19 and May 3) for the 1978-1979 school year. The Board Office reported that the commencement date change of May 27 to May 6 was proposed to give seniors an opportunity to find employment before the public schools let out.

The Board Office reported that at the February board meeting, it was noted that the Iowa School for the Deaf's calendar consisted of 178 days, while the Department of Public Instruction specifies 180. The two additional days (December 19 and May 3) would enable the school to comply with the department's specifications.

MOTION.

Mr. Slife moved the board approve: 1) a change in Iowa School for the Deaf's 1977-1978 commencement date from that indicated in the calendar docketed for board approval last winter, and 2) an addition of two class days (December 19 and May 3) for the 1978-1979 school year. Mr. Harris seconded the motion and it passed unanimously.

ELIZABETH ANNIS HUTCHINSON ESTATE. The Board Office recommended the board approve forwarding to the Attorney General's Office material identifying concerns regarding the trustee's proposed changes.

The Board Office stated that the board was apprised of its interest in the Elizabeth Annis Hutchinson Estate at the December 1977 board meeting. At that meeting, the University of Iowa's treasurer was delegated the responsibility to oversee the trust for the board. At that time, two changes were proposed to the trust which involved increased financial payment to beneficiaries of the estate. The first of the recommended changes would allow for an increased payment to cover income tax liability on the benefits received by the beneficiaries of the estate. The second recommended change involved the payment of transportation and personal expenses of beneficiaries.

The following issues were identified by the Banking Committee with respect to the proposed trust changes:

- 1) Intent of testatrix with respect to providing a "free" education.
- 2) Authorization of 20% increase in benefits to cover tax liabilities of beneficiaries. It is questionable that an additional 20% needs to be provided to beneficiaries.
- 3) Authorization of \$500 per annum for transportation and personal expenses. It is unclear whether or not the intent was for this to be a one-time or annual payment.

MOTION:

Mr. Bailey moved the board forward the above-stated concerns to the Attorney General's Office regarding the trustee's proposed changes. Mr. Harris seconded the motion.

Regent Bailey said that tax liability is incurred only on income over \$3,200. He referred to the 20% increase in benefits to cover tax liabilities of beneficiaries by stating that the Internal Revenue Service's ruling about treating benefits as income is not questioned. However, the petition's trustee assumes beneficiaries have no outside income. The current average cost at the University of Iowa based on present tuition, room and board charges and allowed incidental expenditures is less than \$2,500. Regent

Bailey noted that it is questioned as to whether an additional 20% needs to be provided to beneficiaries. He said this matter definitely needs to be brought to the Attorney General's attention for input on the issue.

VOTE ON MOTION: The motion passed unanimously.

REORGANIZATION OF BUDGET UNIT. The Board Office recommended the board approve a revised job description for the Board Office's position of Budget Director, create a new position of Associate Budget Director including approval of job description, and abolish the position of Budget and Management Analyst, effective July 1, 1978.

The Board Office reported that it has been apparent for several months that the position of board Budget Director should be broadened to include a greater role in the development of budgetary policy and related issues. It has also become apparent that the second position in the budget unit of the Board Office needed to be a higher level one in order to effectively carry out the functions of the office. The current position is entitled Budget and Management Analyst (pay grade 6) and the proposed new position is entitled Associate Budget Director (pay grade 7).

It was noted that the position of Budget Director would work under the immediate direction of the executive secretary while the Associate Budget Director would be under the supervision of the Budget Director.

Dr. Wallace Caldwell indicated the desire to accept the position of Associate Budget Director. Consequently, upon board approval, a search for a new Budget Director would commence immediately.

MOTION: Mr. Barber moved the board approve the revised job description for the position of Budget Director, create the new position of Associate Budget Director including approval of job description and assignment to pay grade 7, and abolish the position of Budget and Management Analyst, effective July 1, 1978 in the Board Office. Mrs. Belin seconded the motion and it passed unanimously.

BOARD OFFICE PERSONNEL REGISTER. There were no items on the Board Office Personnel Register for the month of April 1978.

The following business pertaining to general or miscellaneous items was transacted on Friday, April 21, 1978.

UNIT COST OF INSTRUCTION - 1976-1977. The board was provided a memorandum containing an informational report on a study of the unit cost of instruction for 1976-1977 which was recently completed by the universities.

The Board Office presented the following summary table of the 1976-1977 full-time equivalent and unit costs:

COST PER FULL-TIME EQUIVALENT STUDENT
INDIRECT COST REIMBURSEMENT DEDUCTED FROM GENERAL FUND

	University of Iowa		Iowa State University		Univ. of Northern Iowa	
	FTE Student	Unit Cost ²	FTE Student ¹	Unit Cost ²	FTE Students	Unit Cost ²
Lower Division	6,399	\$1,652	9,111	\$2,020	4,570	\$1,982
Upper Division	6,949	2,847	9,275	2,604	3,330	2,699
Undergraduate	<u>13,348</u>	<u>2,274</u>	<u>18,386</u>	<u>2,315</u>	<u>7,900</u>	<u>2,285</u>
Master's	3,940	4,097	1,978	3,579	1,090	2,725
Advanced Graduate	2,095	6,947	1,763	5,407	324	3,478
Professional	1,741	9,769	429	10,956	-	-
Composite	<u>21,124</u>	<u>\$3,695</u>	<u>22,556</u>	<u>\$2,831</u>	<u>9,314</u>	<u>\$2,378</u>
Reductions due to Excluding Indirect Cost:						
Lower Division		\$ 84		\$ 8		\$ 2
Upper Division		165		16		4
Master's		238		152		24
Advanced Graduate		380		341		172
Professional		589		463		-
Composite		<u>\$ 210</u>		<u>\$ 59</u>		<u>\$ 11</u>

¹ Special students are allocated one-half to upper division and one-half to master's at ISU.

² Excludes reimbursed indirect cost.

Mr. Richey reported that when the Committee of Nine studied the unit costs of instruction for 1976-1977, it found that for several years the basic formula on which everyone was to calculate unit costs uniformly had not been followed. Therefore, there were several differences between the institutions on how to calculate the current unit costs. In addition, he noted that the unit costs of instruction for previous years are not comparable, then, to this years' unit costs.

Mr. Richey commented that it was agreed that reimbursed indirect costs would not be allocated to levels of instruction because they really are for research administration and varying in amount depending on the amount of research activity supported by restricted funds.

Mr. Richey noted that the University of Iowa has by far the largest amount of indirect cost reimbursement.

President Petersen asked if the Board Office and the institutions felt that the unit costs now reported were the best reflection of the way funds are used. Mr. Richey said the best method available at the moment was used to calculate those costs. He added that there needs to be an ongoing study to make sure improvements are incorporated as appropriate. He said next year there is going to be work done on calculation of marginal costs more accurately in terms of enrollment growth.

Regent Wenstrand asked how the unit cost figures are used with respect to the board's budgets and legislative requests. Mr. Richey responded that they have primarily been used in requesting funds for enrollment growth. He said he was not aware of their usage in internal institutional reports and added that they are not used in the federal government reports.

President Boyd reported that to some extent the unit cost figures are calculated in response to board request. He commented that the unit cost figures for medicine, dentistry, and veterinary medicine are not felt to be accurate reflections of the costs involved because those figures only incorporate general fund commitments which would basically involve tuition plus the state appropriation.

President Parks admitted that no unit cost is going to be completely accurate as unit cost depends on how much money has been appropriated in the past. He said one should not imply there is a "rightness or wrongness" about the unit costs of instruction.

President Boyd commented that there may be some new guidelines issued with respect to unit cost calculations in the future.

In absence of objections, President Petersen accepted the report on unit cost of instruction for 1976-1977 on behalf of the board.

DISTRIBUTION OF APPROPRIATION FOR BASE ADJUSTMENT AND ENROLLMENT INCREASE COSTS. The Board Office recommended the board allocate the 1978-1979 appropriation of \$1,500,000 for base adjustment and enrollment growth as follows:

University of Iowa	\$ 105,000
University of Northern Iowa	\$ 275,000
Iowa State University	\$1,120,000

President Petersen noted that the Board Office staff spent a great deal of time trying to rationalize the 1978-1979 appropriation division among the universities. She added that representatives from the three universities also worked in consultation with the Board Office and concurred with the recommendation shown above. Regent Slife commended the three institutions for having been able to work out a satisfactory compromise under difficult circumstances as there simply is not enough money to do what really needs to be done.

MOTION:

Mr. Slife moved the board allocate the 1978-1979 appropriation of \$1,500,000 for base adjustment and enrollment growth as follows:

University of Iowa	\$ 105,000
University of Northern Iowa	\$ 275,000
Iowa State University	\$1,120,000

Mr. Bailey seconded the motion.

Mr. Richey reported that the memorandum presented the board regarding the \$1.5 million distribution was revised just prior to the meeting and the recommendations therein, therefore, were not valid.

VOTE ON MOTION:

The motion passed unanimously.

NEXT MEETINGS.

May 18-19	Iowa State University	Ames
June 7 - 11 a.m.	University of Iowa	Iowa City
June 15-16	Lakeside Laboratory	Milford
July 20-21	University of Northern Iowa	Cedar Falls
September 21-22	University of Iowa	Iowa City
October 17-18	Iowa State University	Ames
November 16-17	Iowa School for the Deaf	Council Bluffs
December 20-21	University of Northern Iowa	Cedar Falls

It was noted that the places for the meetings in October and December have been changed from those previously indicated. The October meeting has been moved from the University of Northern Iowa to Iowa State University and the December meeting has been moved from Iowa State University to the University of Northern Iowa.

The Board Office also stated that the board would need to constitute itself into formal session on June 7, the second day of the University of Iowa long-range planning seminar, for purposes of the scheduled bond sale for University Hospitals. This schedule is made necessary by the fact that the legislature has not adopted the resolution authorizing the issuance of these bonds. The university indicated that it is anxious the bonds be sold in June to maintain the construction schedule for the project.

LONG-RANGE PLANNING SEMINARS.

May 31	Iowa State University	Ames
June 6-7	University of Iowa	Iowa City
July 19	University of Northern Iowa	Cedar Falls

The Board Office memorandum reminded board members that Regent Bailey had requested that the long-range academic plans of the universities be docketed for overall consideration by the board after the individual seminars at each of the universities. Since the last seminar is scheduled on July 19 at the University of Northern Iowa, this matter probably will be docketed for the September board meeting, which would allow the board to give consideration to the academic plans preliminary to its budget discussions for the 1979-1981 biennium.

ADVANCE SCHEDULE.

May 18 - 8:00 p.m. -- Hearing on Proposed Pay Plan for Regents Merit System Employees, Carver Hall Auditorium, Iowa State University, Ames, Iowa

President Petersen asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to general or miscellaneous items. There were no additional matters raised for discussion.

EXECUTIVE SESSION. President Petersen reported that the board needed to discuss strategy in regard to collective bargaining in executive session. On roll call vote as to whether to enter into executive session, the following voted:

AYE: Bailey, Barber, Brownlee, Harris, Slife, Wenstrand, Petersen.

NAY: None.

ABSENT: Belin, Shaw.

The board, having voted by at least a two-thirds majority, resolved to meet in executive session beginning at 2:05 p.m. and arose therefrom at 2:40 p.m.

STATE UNIVERSITY OF IOWA

The following business pertaining to the State University of Iowa was transacted on Friday, April 21, 1978.

UNIVERSITY HOSPITAL REPORT ON CHANGING DIMENSIONS IN PERSONALIZATION OF PATIENT SERVICES. The board was requested to accept a University Hospital report on changing dimensions in personalization of patient services.

John W. Colloton, Director and Assistant to the President for Health Services, introduced several of his colleagues who were present to discuss the hospital's changing dimensions in patient personalization: Mrs. Mary Fuller, Director, Nursing Department; Dr. Lois Boulware, Director, Patient Service Representative Program; Mrs. Norma Adams, Director, Volunteer Program; Dr. George Soper, Director, Physical Therapy Department; and Dr. Lewis January, Professor, Internal Medicine.

Director Colloton expressed pleasure to appear before the board on another dimension of the University Hospitals' operation. He reported that "humanization" has had a very high institutional priority over the past five years. He reported that the changes which have occurred in health care delivery patterns over the years have been essential to accommodate medicine's expanded capabilities, and were also accompanied by psychosocial problems for patients and their families. As the size of the hospital facilities grew and the scope of services and the number of personnel delivering services expanded, an inherent risk arose for hospital care to become depersonalized and for patients to lose their self-identity within the system. He stated that the University Hospitals have 299 different job classifications. The absence of mechanisms for assuring personalized care aroused many hospitals across the nation to take affirmative and creative steps to assure that patient care is delivered on a personalized, dignified, patient-centered basis. Director Colloton noted that University of Iowa Hospitals is proud to be taking those affirmative, creative steps.

Director Colloton noted that the genesis of the University of Iowa Hospitals and Clinics in the early 1900s was tied to indigent patient care linked to health science education. The contemporary era of University Hospitals is characterized, with the inception of Medicare and Medicaid and the diminution of medical indigency, by a new emphasis on the delivery of one-class, high-quality care to all citizens as a "right," irrespective of a given patient's economic status in life. Director Colloton reminded members of the board of the university's collective efforts over the past ten years in establishing one-class patient care systems characterized by common clinic and inpatient facilities for all patients under which each patient is the responsibility of an attending faculty physician or dentist heading a patient care team. He also reminded the board of the institution's phased program targeted at patient-staffing ratio enhancements coordinate with a state-wide tertiary care role, and the major capital replacement program aimed at the elimination of several hundred open-ward beds and other nonconforming facilities.

Director Colloton reported that each patient, upon admission to University Hospitals, is presented a copy of the "Guiding Principles of Patient Care," a major hospital and clinical staff policy statement, which conveys the institution's fundamental commitment to providing personalized services for all patients. He paraphrased the nine points therein for board members' information. He noted that these principles were adopted in July of 1974 and insure all patients of the nursing and medical staff's commitment to make their stay as pleasant as possible.

The board then heard oral presentations from Director Colloton's colleagues who described, in detail, some of the following major new initiatives in personalizing patient and visitor services (1972-1977):

- Patient Service Representative Program, consisting of six talented "communicato
- Programs to soften the hospital decor interior
- Volunteer Program, consisting of 313 dedicated staff members
- Hospital Information Service which now has four staff members involved in the publication of several ongoing staff and state-wide health professional publications, patient information booklets and daily communications of interest to patients, visitors, staff and students
- Language Interpretation Bank (within the Volunteer Program) which has the current capacity to facilitate patient-staff communication in the translation of 25 different languages (90 interpreters on call)
- Employee Relations and Development Program, designed to foster improved staff orientation, education and recognition, and programs aimed at promoting the development of a competent, compassionate, well-motivated and dedicated health team
- "Guiding Principles of Patient Care," a policy statement which conveys the university's fundamental commitment to providing personalized care
- Publication of instructional brochures for patient use through the Department of Nursing
- Department of Pastoral Services, to assure the continuous availability of clinically-trained clergymen to patients seeking such consultation
- Patient Information Hostess Service, which assists patients and visitors upon their entry into the hospital
- Spanish Interpretation Program, provided by two full-time staff members
- Expansion of the Activities Therapy Program from the Psychiatric Service to other patients with conditions requiring long-term hospitalization
- "Guiding Principles of Interprofessional Conduct" adoption to convey institutional policy support for continuing efforts to strengthen interprofessional relationships with community practitioners
- Project Art Program, provides a means for artists from the university to present a wide variety of media throughout the hospital to foster a more relaxed environment

- Completion of the North Tower Addition
- New staff motto, "Our Service Reflects Me"
- Simplified patient billing system
- Pre-Discharge Patient Planning Unit
- Patient/Visitor Service Committee, to maximize the department's efforts to personalize services
- Full cafeteria services for visitors and clinic patients
- State-wide toll-free WATS line to the Poison Control Center
- Duplicate prescription system, to improve continuity of patient medication initially prescribed by University Hospitals staff and subsequently by physicians at the community level
- New 750-stall parking ramp to improve accessibility and provide more convenient parking to patients and visitors
- Dr. Lois Boulware Day of Surgery Lounge, staffed with a full-time patient service representative which now serves up to 100 family members daily
- Survey of community physicians, to obtain their evaluation of hospital and clinical staff performance in patient referral services and interprofessional communications
- Outdoor pediatrics playground
- Physical Therapy Advisory Committee, to review operational characteristics and proposed clinical research

President Petersen expressed appreciation on behalf of the board for the oral presentations made by each of Director Colloton's colleagues and also to Director Colloton for his written and oral reports. She noted that it was appropriate for the board to spend time learning of the University Hospitals' "humanization" process as the board feels its responsibility as the link between the people served and the people delivering the services.

Regents Barber and Harris paid particular tribute to the University Hospitals' representatives for their efforts in humanizing the hospital. Regent Harris stated that Iowa is fortunate to have a single tertiary care center in the state. Director Colloton commented that attitudes have changed from the early 1970s with respect to feelings pertaining to a single tertiary care center in the state. He said there is a much better understanding today regarding the single tertiary care center and there is unanimous endorsement of that concept.

Director Colloton stated that the University Hospitals did not adopt the American Hospital Association's "Patient Rights Statement" exactly as was stated as University Hospitals felt the statement could be tailored to better suit its needs. He noted there was also a legal question involved as to what a right is as opposed to a guiding principle. In terms of measuring the impact of that, there is a survey going on of community physicians

throughout the state. He noted that the Patient/Visitor Service Committee evaluates patients' service as well as periodic institutional surveys with respect to commitments made to the respective patients.

Regent Harris said that in 1974, University Hospitals had 2.4 personnel per occupied bed and today there are 3.5 personnel per occupied bed. He asked how much costs have increased since 1974 on a per diem basis. Director Colloton responded by saying 900 staff members have been added since that time. If an average salary of \$10,000 would be used, an increased salary cost of \$9 million would be involved. Calculated on a per patient basis, proportionate hospital rates have increased \$30 per patient per day. Director Colloton added that University Hospitals, even with the 3.5 personnel per occupied bed, is in the bottom fourth quartile in the nation with respect to personnel per bed occupant. He said the per diem cost last fiscal year ran at \$221 a patient.

Regent Harris asked if diabetic classes and cardiac classes are services available to community patients. If so, he asked if there is a charge for same. Mrs. Fuller reported that there is no charge for the classes.

Regent Harris commented that a common criticism directed at the medicine field is the cost of medical care. He stated that the public ought to know that if medical staff is to provide humanistic service aside from medical service, machines are not able to provide them. Therefore, Regent Harris said people must realize that good, quality care costs money. He said he hoped the rest of the board understood that, as well, from the University Hospitals' presentation.

MOTION: Mr. Harris moved the board accept the University Hospital report on changing dimensions in personalization of patient services. Mr. Slife seconded the motion.

Regent Bailey referred to remarks made by Dr. Lewis January with respect to the fact that all patients' complaints are registered and the most serious complaints are referred to him. He asked what constituted the most serious complaints. Dr. January reported that those are rare and result, most often, from a failure to communicate properly.

VOTE ON MOTION: The motion passed unanimously.

INTRODUCTIONS. President Boyd introduced Mr. John Frew, new Vice President of the Student Senate of the university and Ms. Benita Dilley, President of the Collegiate Associations Council to the board. He noted that Ms. Dilley was attending the board meeting for the last time in her position as president. Ms. Dilley then introduced Mr. Niel Ritchie who will take over as President of the Collegiate Associations Council at the end of May. She also introduced Mr. Steve Bissell, Mr. Ritchie's future executive associate in the Collegiate Associations Council.

REGISTER OF PERSONNEL CHANGES. The board was requested to approve the Register of Personnel Changes for the month of April 1978 including faculty promotion and tenure actions.

In absence of objections, President Petersen approved the Register of Personnel Changes for the month of April 1978 including faculty promotion and tenure actions.

The Board Office reported that the list of promotions and tenure actions is on file at the Board Office.

APPOINTMENT. The board was requested to approve the following appointment:

Professor Kwan Rim, as Department Chairman for the Division of Materials Engineering, effective immediately.

MOTION:

Mr. Bailey moved the board approve the appointment, effective immediately, of Professor Kwan Rim, as Department Chairman for the Division of Materials Engineering. Mr. Harris seconded the motion and it passed unanimously.

CENTER FOR THE STUDY OF THE RECENT HISTORY OF THE UNITED STATES. The Board Office recommended approval of the participation of the University of Iowa in the Center for the Study of Recent History of the United States after the university furnished information regarding the extent of its participation.

President Boyd reported that the State Historical Society and the University of Iowa in Iowa City and the Herbert Hoover Presidential Library in West Branch have agreed to give greater attention to the study of the recent history of the United States through the development of a cooperative center for this purpose. President Boyd said the word "center" may be a misnomer in that it really is a kind of "confederation."

President Boyd reported that with assistance from the University of Iowa Foundation, the three above-named institutions compiled in 1976 and published in 1977 a "Guide to the Resources for the Study of the Recent History of the United States" in the three repository libraries. Among other joint ventures contemplated by the Center for the Study of the Recent History of the United States are grants for scholarly research, conferences, summer workshops, publications and other activities.

President Boyd noted that all three institutions would remain totally autonomous. He said there is a good deal of sensitivity that none gets in the way of the other. He reported that there are opportunities here which joint programming and joint acquisition policies could accomplish.

President Boyd responded to concerns raised by the Board Office by stating that the university's Dean of Library Administration, Leslie W. Dunlap, has agreed to chair a coordinating group for the center until he retires.

It was noted that federal and private financial support will be sought for joint programs to permit more intensive study of the development of this country in the 20th century. These cooperative programs will employ the resources of the three institutions without encroaching on the conduct of their separate, ongoing affairs.

MOTION: Mr. Bailey moved the board approve the participation of the University of Iowa in the Center for the Study of the Recent History of the United States. Mr. Harris seconded the 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 April 1978 had been received by him, was in order, and recommended approval.

The following construction contract was recommended for ratification, having been approved by the executive secretary:

State Hygienic Laboratories Relocation
Award to: Burger Construction Company, Iowa City, Iowa \$521,539.00

The following construction contracts were recommended for approval:

Woolf Avenue Apartments -- Roof Replacement
Award recommended to: Western Waterproofing Co., Inc. \$ 42,000.00
West Des Moines, Iowa

The Board Office reported that this award exceeded the amount within the project budget approved at the February board meeting of \$37,500. However, the university intends to negotiate with the contractor on deduct change orders in order to bring the construction cost within the preliminary budget estimate. Therefore, a budget revision will not be necessary.

East Hall -- Animal Quarters Air Conditioning Replacement
Award recommended to: AAA Mechanical Contractors, Inc., \$ 44,797.00
Iowa City, Iowa

The following revised project budget was recommended for approval:

East Hall -- Animal Quarters Air Conditioning Replacement
Source of Funds: University RR&A (Original: \$45,500) \$ 58,097.00

The increase is caused by: 1) an inaccurate rate of inflation was used for the initial budget and 2) the costs for duct work and control systems were substantially higher at bid time than when contact was made with suppliers for estimating purposes.

The following new projects were recommended for approval:

University Hospitals and Clinics - EMI Whole Body Scan Viewing Center
Remodeling
Source of Funds: University Hospitals Building Usage Fund \$ 23,650.00

Dental Science Building -- Repair Damaged Interior

Source of Funds: Income from Treasurer's Temporary Investments \$113,000.00

The Board Office noted that this project is in addition to the earlier project taken to repair the water leakage problems in the building. That work was successfully completed in November of 1977.

Hydraulics Laboratory East Annex -- Refrigerated Ice Towing Tank

Source of Funds: National Science Foundation (\$90,000)
Office of Naval Research (grant pending) (\$25,000)
Institute of Hydraulic Research Reserve (\$90,000)
University RR&A (\$10,000) \$215,000.00

MOTION: Mr. Slife moved the board approve the Register of Capital Improvement Business Transactions for the month of April 1978; ratify and approve the construction contracts as shown above; approve the revised project budget as shown above; approve the new projects; and authorize the executive secretary to sign all necessary documents. Mr. Harris seconded the motion.

Regent Bailey asked how the board stands with the law suit on the Dental Science Building. Assistant to President Mahon reported that the board's legal counsel on this matter, Arthur Leff, is in the process of taking an intensive look at this but there is some doubt, however, that this matter will go to court this calendar year because of the number of parties and countersuits involved.

VOTE ON MOTION: The motion passed unanimously.

JOHN F. MURRAY ENDOWMENT FUND. There were no changes in the investment portfolio for the quarter ending March 31, 1978.

DEPARTMENT OF DEFENSE - RESOLUTION REQUIRED BY INDUSTRIAL SECURITY REGULATIONS. The board was requested to approve the following redrafted resolution:

WHEREAS, security regulations of the Department of Defense permit the governing board to affirm that they will not require, nor have, and will be effectively denied, access to classified information in the possession of the institution, and do not occupy positions that would enable them to affect adversely the organization's policies or practices in the performance of classified contracts, or programs for the user agencies, the Board resolves that the following members will be considered as excluded from Industrial Security regulations requiring personnel security clearance:

Members of the State Board of Regents and its staff as of July 1, 1977:

STATE BOARD OF REGENTS: Ray V. Bailey, Stanley Barber, Constance Belin, S. J. Brownlee, Percy G. Harris, Mary L. Petersen, Donald Shaw, Harry G. Slife, Peter J. Wenstrand.

STAFF: R. Wayne Richey, Executive Secretary
Robert McMurray, Director, Facilities and Business Manager
W. C. Caldwell, Budget Officer
Robert J. Barak, Director of Research and Information

WHEREAS, security regulations of the Department of Defense require a certified listing of those officers who have been designated by action of the State Board of Regents as the managerial group, and have been processed for personnel clearance for access to classified information, to the level of the facility clearance granted to this institution; and,

WHEREAS, the said managerial group is hereby delegated all of the Board's duties and responsibilities pertaining to the protection of classified information under classified contracts of the Department of Defense or User Agencies of its industrial security program awarded to the University of Iowa;

THEREFORE, the State Board of Regents affirm that the following individuals of the State University of Iowa have been granted a Letter of Consent and are executive personnel:

Willard L. Boyd, President
Ray B. Mossman, Business Manager and Treasurer
L. R. Brcka, Controller and University Secretary
Duane C. Priestersbach, Vice President for Educational Development
and Research

THEREFORE, the State Board of Regents affirm that the following individual of the State University of Iowa has been granted a Letter of Consent and is security personnel:

William L. Binney, Security Officer

Regent Bailey reported he approved of the resolution as long as it was understood that the board was not delegating its authority. He said that should be understood by the resolution.

MOTION: Mr. Bailey moved the board approve the redrafted resolution as shown above. 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. There were no additional matters raised for discussion pertaining to the University of Iowa.

IOWA STATE UNIVERSITY

The following business pertaining to Iowa State University was transacted on Friday, April 21, 1978.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of March 1978 were ratified by the board.

REPORT ON FACULTY PROMOTION AND TENURE ACTIONS. The Board Office recommended the board accept Iowa State University's faculty promotion and tenure recommendations as presented by Iowa State University.

Iowa State University reported that there are seven faculty members who hold rank in two colleges. The university recommended that 37 faculty members be promoted to the rank of professor, 46 faculty members to the rank of associate professor, and 12 faculty members to the rank of assistant professor. In addition, the university recommended tenure for an additional 12 faculty members.

Vice President Christensen stated that the university had two names to add to the faculty promotion and tenure list from that presented in the institutional docket material: Arthur Akers, Assistant Professor, Engineering Science and Mechanics; and David B. Johnson, Assistant Professor, Engineering Science and Mechanics. Both were recommended for tenure.

MOTION: Mr. Bailey moved the board accept the faculty promotion and tenure recommendations as presented by Iowa State University. Mr. Slife seconded the motion and it passed unanimously.

The Board Office indicated that the board will receive Iowa State University's annual tenure report at the June board meeting.

MAJORS IN CONSUMER SCIENCES AND FAMILY SERVICES BY THE DEPARTMENT OF FAMILY ENVIRONMENT. Iowa State University requested the board grant it approval to offer a Major in Consumer Sciences and a Major in Family Services by the Department of Family Environment. The Board Office recommended the board refer this matter to the Interinstitutional Committee for Educational Coordination and the Board Office for review.

MOTION: Mr. Brownlee moved the board refer the proposed Majors in Consumer Sciences and Family Services by the Department of Family Environment to the Interinstitutional Committee for Educational Coordination and the Board Office for review. Mr. Harris seconded the motion and it passed unanimously.

PROFESSIONAL AND SCIENTIFIC - 1978-1979 PAY PLAN. Discussion and action pertaining to this item is found in the general portion of these minutes.

SECURITY PERSONNEL - DESIGNATION AS PERMANENT OR TEMPORARY SPECIAL SECURITY OFFICER. The board was requested to commission Curtis Anderson, Joseph Treloar, Paul R. Hayes, Norman L. Spurlock, and David Grussing as permanent special security officers.

The board was requested to commission Douglas Clabaugh and Deborah Phillips as temporary special security officers.

Curtis Anderson, age 26, has been employed as a security officer for Iowa State University since July 1, 1976. He completed the Forty-Ninth Basic Training School at the Iowa Law Enforcement Academy on December 9, 1977.

Joseph Treloar, age 22, has been employed as a security officer for Iowa State University since October 19, 1976. He completed the Forty-Ninth Basic Training School at the Iowa Law Enforcement Academy on December 9, 1977.

Paul R. Hayes, age 26, has been employed as a security officer for Iowa State University since February 1, 1977. He completed the Fiftieth Basic Training School at the Iowa Law Enforcement Academy on December 16, 1977.

Norman L. Spurlock, age 26, has been employed as a security officer for Iowa State University since March 1, 1977. He completed the Fifty-First Basic Training School at the Iowa Law Enforcement Academy on March 10, 1978.

David Grussing, age 22, has been employed as a security officer for Iowa State University since July 10, 1977. He completed the Fifty-First Basic Training School at the Iowa Law Enforcement Academy on March 10, 1978.

Douglas R. Clabaugh, age 27, has been employed as a security officer for Iowa State University since December 5, 1977.

Deborah Phillips, age 25, has been employed as a special security officer for Iowa State University since January 1, 1978.

MOTION:

Mr. Bailey moved the board commission Curtis Anderson, Joseph Treloar, Paul R. Hayes, Norman L. Spurlock, and David Grussing as permanent special security officers and commission Douglas Clabaugh and Deborah Phillips as temporary special security officers. Mr. Barber seconded the motion and it passed unanimously.

RESIDENCE DEPARTMENT - 1978-1979 TEMPORARY HOUSING ARRANGEMENTS WITH THE IOWA STATE UNIVERSITY RESEARCH FOUNDATION. Iowa State University requested the board approve an amendment to a memorandum of agreement between Iowa State University of Science and Technology and the Iowa State University Research Foundation.

The university reported that the Iowa State University Research Foundation and the university have mutually agreed to extend this agreement for another year. The university is currently in the process of requesting an extension of the zoning variance in order to use the Old Ames Golf and Country Clubhouse for temporary single student housing again this year.

MOTION: Mr. Slife moved the board approve an amendment to extend the memorandum of agreement between Iowa State University of Science and Technology and the Iowa State University Research Foundation from May 31, 1978 to May 30, 1979, with all other terms and conditions of the original agreement to remain in effect. Mr. Harris seconded the motion and it passed unanimously.

INDUSTRIAL SECURITY AGREEMENT. Iowa State University recommended the board approve a resolution entitled "Industrial Security Agreement" which is required periodically by the Industrial Security Manual of the Department of Defense.

MOTION: Mr. Bailey moved the board approve a resolution entitled "Industrial Security Agreement" which is required periodically by the Industrial Security Manual of the Department of Defense. Mr. Harris seconded the motion and it passed unanimously.

A copy of the resolution is on file in the Board Office.

RESOLUTION FOR PUBLIC HEARING. The board was requested to adopt a resolution for a public hearing for a \$205,000 project for university utilities extensions to be held on Thursday, May 18, at 11:00 a.m., Central Daylight Savings Time, in the Pioneer Room of the Memorial Union, Iowa State University, Ames, Iowa.

MOTION: Member Bailey introduced and caused to be read the resolution hereinafter set out entitled, "Resolution providing for a notice of hearing on proposed plans, specifications and forms of contract for Utilities - University Utilities Extensions - South Central Campus on the campus of Iowa State University and for a notice to contractors of bidding thereon." Member Bailey moved that said resolution be adopted, seconded by Member Barber, and after due consideration thereof by the Board, the President put the question, and upon the roll being called, the following voted:

AYE: Bailey, Barber, Brownlee, Harris, Wenstrand,
Petersen.

NAY: None.

ABSENT: Belin, Shaw.

Whereupon the President declared the resolution
duly adopted.

EASEMENT REQUEST TO THE CITY OF AMES FOR CONSTRUCTION OF WATER DISTRIBUTION SYSTEM IMPROVEMENTS. The Board Office recommended the board approve granting of an easement to the city of Ames for the construction and operation of water distribution system improvements across land owned by the state of Iowa.

The Board Office reported that the city of Ames has requested an easement across land under the jurisdiction of Iowa State University in an area located next to the north side of Mortensen Road between State Avenue and Hayward Avenue. This easement will permit construction of an extension of an existing water main serving the west part of the city.

It was noted that the easement is in standard form, except that there have been modifications made to the uniform liability clause of the board. The liability clause inserted in this agreement appeared to cover the same ground as the standard clause, but is wordier.

The Board Office noted that a consideration in this easement was the fact that the water utility line to be constructed will be part of the city-operated water supply facility and may also serve the requirements of facilities hereafter constructed or operated by Iowa State University. No cost of facilities to be constructed within this easement shall be assessed or charged to the state.

Regent Bailey commented about the liability clause used and expressed concern over its limits to negligence only. Mr. McMurray noted that this is not the standard liability clause adopted for use in easements. He said there is a question as to how much revision is permitted in a standard clause.

MOTION:

Mr. Barber moved the board approve the granting of an easement to the city of Ames for the construction and operation of water distribution system improvements across land owned by the state of Iowa subject to revision of the liability clause to reflect the standard clause, plus any additional language which may be deemed necessary in this particular instance. Mr. Harris seconded the motion.

On roll call, the following voted:

AYES: Bailey, Barber, Brownlee, Harris,
Slife, Wenstrand, Petersen.

NAY: None.

ABSENT: Belin, Shaw.

The motion carried.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period of March 17 through April 21, 1978 had been received by him, was in order, and recommended approval.

The following construction contract was recommended for ratification having been awarded by the board's executive secretary:

Ag 450 Farm -- Swine Nursery

Award to: James P. Gannon, Ames, Iowa

\$ 29,944.00

The following special issues were brought to the board's attention:

Turbine Generator No. 3 and Auxiliary Equipment - Division 9 - Electrical Equipment and Wiring

The Board Office reported that bids were received on this project on April 6. Four bids were received. The significant difference between the low bid and the second low bid gave rise to several questions concerning the responsibility of the low bidder. Consequently, Brown Engineering was asked to investigate the qualifications of the low bidder to perform the work in a timely and safe manner. On the recommendation of Brown Engineering and of Iowa State University, the board was asked to reject the low bid and accept the second low bid. The primary reason for the rejection was due to the inexperience of the low bidder in performing work of this nature.

Award was recommended to: Johnson Electric Company, Inc.,
Des Moines, Iowa

\$123,000.00

Ratification of an agreement for engineering design services

The Board Office reported that the board in February authorized the executive secretary to approve an engineer's agreement on the Design Center Parking Lot. The terms of the agreement provide for a maximum compensation of \$6,000 based upon hourly rates. This fee is 12% based on a \$50,000 project. The firm has provided a detailed cost breakdown to substantiate this higher than normal figure. Included in that detailed cost breakdown is approximately \$1,447 for soils inspection and a \$539 contingency figure. The soils inspection would normally be paid separately. The size of the project obviously impacts upon the fee in this instance, as does the close coordination that the engineer has to maintain with the Department of Transportation, which is preparing simultaneous bids on an institutional roads project connected with the Design Center.

The following new projects were recommended for approval:

<u>Utilities - University Utilities Extension</u>	
Source of Funds: 1977 Academic Revenue Bonds	<u>\$290,000.00</u>
<u>Maple-Willow-Larch Dormitory Caulking</u>	
Source of Funds: Dormitory System Surplus Fund	<u>\$ 20,000.00</u>
<u>Swine Nutrition Research Center - Finishing Unit Remodeling</u>	
Source of Funds: Swine Farms Account	<u>\$ 25,400.00</u>
<u>Alumni Hall - Life and Safety Improvements</u>	
Source of Funds: Overhead Reimbursement for Use of Facilities	<u>\$130,000.00</u>

The following amended or revised project budgets were recommended for approval:

<u>Ag 450 Farm - Swine Nursery</u>	
Source of Funds: Ag 450 Farm Account (Original: \$30,000)	<u>\$ 31,1445.00</u>
<u>Turbine Generator No. 3 and Auxiliary Equipment</u>	<u>\$3,112,000.00</u>
Source of Funds: 66th G.A. Capital Appropriation	
Less Transfer to Utilities - Electrostatic Precipitator Additions 500-66-06	

Mr. McMurray called the board's attention to the Turbine Generator No. 3 and Auxiliary Equipment - Division 9 - Electrical Equipment and Wiring Project. He stated that it should be made clear from the outset that Iowa State University's and the Board Office's recommendation that award be made to the second low bidder in no way reflects on the ability of Central Iowa Electric to do future work on projects for Board of Regents' contracts.

Mr. McMurray called the board's attention to a letter from Arthur K. Jones of Central Iowa Electric protesting the recommendation that the second low bid be accepted rather than Central Iowa Electric's. The board was presented the letter for information purposes:

This is to inform you that we don't agree with the recommendation from Mr. Whitman's letter of April 12. We, therefore, wish to exercise our right to perform on the contract. We are confident and capable of doing this project and our bonding company will back us. Therefore, we should be awarded this contract.

The board was also presented a complete report from Brown Engineering, the firm commissioned by the university to evaluate this bidder's ability to carry out this project. The recommendation of both the Board Office and Iowa State University on this issue was to award the contract to the second low bidder for reasons stated therein.

MOTION:

Mr. Slife moved the board ratify the award of contract and approve the project budget on the Ag 450 Farm - Swine Nursery project. Mr. Barber seconded the motion and it passed with Mr. Wenstrand abstaining.

MOTION:

Mr. Slife moved the board approve the Register of Capital Improvement Business Transactions for the period of March 17 through April 21, 1978; approve the amended project budget; reject the low bid from Central Iowa Electric on the Turbine Generator No. 3 and Auxiliary Equipment - Division 9 - Electrical Equipment and Wiring project and award same to Johnson Electric Company, Inc.; ratify an agreement for engineering design services on the Design Center Parking Lot as shown above; approve the new projects; and authorize the executive secretary to sign all necessary documents. Mr. Barber seconded the motion and it passed unanimously.

STUDENT HEALTH SERVICE - VOLUNTARY FEE FOR STUDENT SPOUSE HEALTH CARE. The Board Office recommended the board approve a voluntary fee of \$20.00 per quarter for student and spouse health care.

Iowa State University reported that beginning with the 1978 fall quarter, it will allow spouses of students access to the Student Health Service and to the same health care as provided by the Health Service to regularly enrolled students. The University of Northern Iowa initiated a similar policy several years ago (the University of Northern Iowa unlike Iowa State University does not have a voluntary health fee program) and, according to university officials at the University of Northern Iowa, it has met with moderate acceptance by student spouses. At the present time, 22 spouses participate in this program at the University of Northern Iowa. University of Northern Iowa officials also indicated that they have had no complaints with the program. The State University of Iowa does not have a similar program.

President Petersen asked Iowa State University officials if spouses are included in the health care service whether staff numbers will need to be increased. President Parks said an increase in staff was not foreseen.

Regent Bailey asked what the single fee for student health care is. Vice President Moore responded it is \$7.50 per quarter. He said that when a spouse would be included, \$12.50 would be added. Regent Bailey asked how many married students Iowa State University has. Assistant Vice President Madden reported that Iowa State University has 3,000 married students. He said estimates have been projected that perhaps 6.5% to 7% of the married students will take advantage of this proposal.

MOTION:

Mr. Harris moved the board approve a voluntary fee of \$20.00 per quarter for student and spouse for student health service at Iowa State University. Mr. Slife seconded the motion and it passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to Iowa State University. There were no additional matters raised for discussion.

UNIVERSITY OF NORTHERN IOWA

The following business pertaining to the University of Northern Iowa was transacted on Friday, April 21, 1978.

REGISTER OF PERSONNEL CHANGES. The board was requested to approve the Register of Personnel Changes and the promotion and tenure actions reported therein for the month of March 1978.

In absence of objections, President Petersen approved the Register of Personnel Changes for the month of March 1978 for the University of Northern Iowa.

The Board Office reported that the individual promotion and tenure actions are on file in the Board Office.

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

A. Appointment

Robert D. Leahy as university registrar effective July 1, 1978. (Mr. Leahy will replace Mr. Merrill Fink who is retiring at the end of the current year.)

B. Resignation

Jerry Stockdale as head of the Department of Sociology, Anthropology, and Social Work, effective second semester, 1977-1978.

Mr. Slife moved the board approve the appointment of Robert D. Leahy and the resignation of Jerry Stockdale, as shown above. Mr. Bailey 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 March 4 to April 10, 1978 had been received by him, was in order and recommended approval.

The following construction contracts were recommended for ratification having been awarded by the board's executive secretary:

<u>Building Modifications/Handicapped Accessibility -- Interior Ramps</u>	
Award to: Charles Mauser and Sons, Inc., Waterloo, Iowa	<u>\$ 14,275.00</u>
<u>Rider Hall -- Interior Alterations</u>	
Award to: Charles Mauser and Sons, Inc., Waterloo, Iowa	<u>\$ 14,595.00</u>
<u>Coal-Fired Boiler Replacement and Auxiliaries -- C3 -- Emission Control Equipment</u>	
Award to: Wheelabrator-Frye, Inc., Pittsburgh, Pennsylvania	<u>\$480,647.00</u>

On this project the Board Office reported that the bid securities submitted by the low bidder lacked the power of attorney and the address of the Iowa resident agent was not given. The executive secretary waived this irregularity since the bid holding time was extended by agreement of the bidders during the extensive evaluation, which was conducted by both the institution and its engineer. The above irregularities of bid security were eliminated, as were numerous other exceptions to the specifications taken by the bidder or clarification made to the satisfaction of the Owner.

The following revised project budget was presented for approval:

Women's Tennis Courts - Rehabilitate Ten Courts
Source of Funds: RR&A (Original Budget: \$35,000) \$ 64,000.00

The university reported that this project budget was originally approved by the board in May of 1977 to rehabilitate five courts. Since that time it has been determined that the remaining five courts must also be overlaid, sealed, color-coated and stripped.

The following new projects were recommended for approval:

Science Building - Construct Roof Observatory
Source of Funds: RR&A \$ 24,500.00

Price Laboratory School - South Porch Renovations
Source of Funds: RR&A \$ 24,500.00

MOTION:

Mr. Bailey moved the board approve the Register of Capital Improvement Business Transactions for the period of March 3, 1978 to April 10, 1978; ratify the contract awards made by the executive secretary; approve the revised project budget as shown above; approve the new projects as shown above; and authorize the executive secretary to sign all necessary documents. Mr. Wenstrand seconded the motion and it passed unanimously.

DECOMMISSIONING OF MARRIED STUDENT HOUSING SOUTH COURTS UNITS. The board was requested to pass a resolution entitled, "Resolution for Abandonment of Facilities - 49 Mobile Home Units - Married Student Housing."

The university reported that these 49 mobile home units (a 50th unit was destroyed by fire some years ago) were installed on foundations in 1963 with an estimated unit life of 12 years. Some of the units have been taken out of service and the others are approaching the point where it is too expensive to maintain them for occupancy. As units are deemed irreparable, the university requested authorization to dispose of them, hopefully by sale.

Vice President Stansbury reported that, as the units become vacant, they would be removed. He noted that an attempt will be made to sell them and added that the University of Northern Iowa has new units which will become available this summer, which will ease the transition process.

MOTION:

Mr. Harris moved the board pass a resolution decommissioning married student housing South Courts units. Mr. Bailey seconded the motion and on roll call the following voted:

AYE: Bailey, Barber, Brownlee, Harris, Slife, Wenstrand, Petersen.

NAY: None.

ABSENT: Belin, Shaw.

The motion passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the University of Northern Iowa. There were no additional matters raised for discussion.

IOWA SCHOOL FOR THE DEAF

The following business pertaining to the Iowa School for the Deaf was transacted on Friday, April 21, 1978.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of March 1978 were ratified by the board.

PROGRAMS WITH THE IOWA WESTERN COMMUNITY COLLEGE. The Board Office recommended the board approve in concept the cooperative programs between the Iowa School for the Deaf and Iowa Western Community College.

The Iowa School for the Deaf requested that the board ratify the agreement between the Iowa School for the Deaf and the Iowa Western Community College regarding several cooperative programs. The Board Office recommended that since none of the cooperative agreements was in writing that the board only approve the programs in concept, rather than ratifying the agreement, as suggested by the school.

The Iowa School for the Deaf recommended ratification of the agreement to establish the following:

Ninety Hour Key Punch Course

The Iowa School for the Deaf and Iowa Western Community College cooperatively have set up a ninety hour key punch program to be given on the Iowa Community College campus. Seven students from Iowa School for the Deaf and one from the community college have classroom and machine instruction four days weekly, Monday through Thursday. Iowa Western Community College, through special needs funds, applied for a career education teacher incentive grant for the course. Iowa School for the Deaf provides transportation to and from the Iowa Western campus. There is no cost to the Iowa School for the Deaf.

Conversational Sign Language Course

Conversational sign language classes have been started evenings at the Iowa School for the Deaf. The Iowa Western Community College instructor teaches the class for ten weeks every Thursday evening for one hour. The cost of the program is \$100, or \$10 per instructor hour. At the present time 30 to 40 students are actively enrolled in this program. The Board Office noted that this course is provided in the evenings because there is not sufficient time to include such a course in the regular day program.

Career Education Exploration Program

Iowa Western Community College and the Iowa School for the Deaf have started a career education exploration program. Senior students from Iowa School for the Deaf attend a full career day program with other area schools. Iowa School for the Deaf students then select two career areas and actually go to the Iowa Western Community College Campus three mornings or afternoons when the career subject is offered in each of the interest areas. Iowa Western provides interpreters and guidance; Iowa School for the Deaf provides transportation and a guidance follow-up. All 25 seniors are taking part in this program.

MOTION:

Mr. Brownlee moved the board approve in concept the cooperative programs between the Iowa School for the Deaf and Iowa Western Community College. Mr. Wenstrand seconded the motion and it passed unanimously.

TENTATIVE APPROVAL OF TITLE I PROGRAM FOR 1978-1979. The board was requested to authorize the Iowa School for the Deaf to initiate recruitment for personnel for the proposed Title I program for 1978-1979 as indicated below, pending further review of the programs and approval as included in the preliminary budget for 1978-1979 at the April board meeting.

The Board Office reported that during this current year Iowa School for the Deaf has received additional federal funds for the school lunch program. Consideration has been given, during the budget request process for 1978-1979, to use institutional funds which can be released from the food services budget to support other badly needed institutional programs in the amount of \$70,000 because of the availability of the additional federal funds.

Detailed analysis of the programs and budget for their support has revealed that an additional \$168,000 can be made available by eliminating some positions and adjusting salary savings budgets to reflect actual experience.

These internal budget adjustments release sufficient funds to cover the costs of continuing and current Title I endeavors which are probably not eligible for continued Title I funding. This resource allocation makes available Title I funds for 1978-1979 for new programs. In the event that some of the proposed programs cannot be funded, due to federal guidelines, it may be possible to retain some of the present Title I programs under Title I funding and fund other proposed programs under the general program budget. This should allow all of the proposed programs to be funded if the programs are found acceptable after further review and meet with the approval of the Board of Regents. In the event that some of the programs may not be acceptable, the institution included supplemental amounts of \$47,000 for computer-assisted instruction and \$14,000 for a business program that can be substituted.

The Board Office indicated that the board should be aware that in making these internal budget reallocations without prior consideration by the executive and legislative branches of the government that future losses of federal funds will not entail replacement by state appropriations. Federal funding of lunch programs may not remain at the present level. Some ability to adjust the general program budget accordingly should be retained.

The Iowa School for the Deaf tentatively requested the following items for its Title I Program for 1978-1979:

Two Full-Time Equivalency Speech Therapists

(The Board Office recommended that this request not be approved at this time, pending further clarification of the roles of these individuals.)

Two Full-Time Equivalency Curriculum Specialists

(The Board Office recommended that this item be deferred until additional information is provided regarding the need for two curriculum specialists and the advisability of developing a "state-wide curriculum.")

Two Full-Time Equivalency Parental Assistants and Traveling Expenses and Two Autos

(The Board Office indicated that since there will be a need to provide vehicle and expenses for the above individuals, it recommended tentative approval of the traveling expenses and automobiles.)

One Full-Time Equivalency Guidance Counselor

(The Board Office indicated that several recent evaluation reports have noted the need for such a position. It recommended the board fully consider the option of considering a vocational rehabilitation counselor, generation of work study co-op programs, and monitoring of career education before proposing the addition of a guidance counselor via Title I. If the state (i.e., Department of Public Instruction) agrees to attach a counselor to the Iowa School for the Deaf for this purpose, there may be a permanent salary savings to the school. The Title I funds will eventually need to be picked up by the state.)

One Full-Time Equivalency Pupil Services Director

(The Board Office expressed concern about this proposed position due to the possible perceptions by other agencies that Iowa School for the Deaf is hiring a "recruiter" and "public relations" person. Perhaps the funding for this position could be used to conduct various summer programs for in-service training for staff from the area education agencies and local schools. This latter suggestion may be perceived more positively by others involved with deaf education in the state.)

One Full-Time Equivalency Physical Therapist

(The Board Office noted that while it recommended tentative approval for this position, the school may find it difficult to attract a person at the salary that is being suggested in the budget. It may be necessary for the Iowa School for the Deaf to contract with a local hospital or other organization for these services.)

Summer School and Parent Workshops

(The Board Office recommended tentative approval of this program, as well as the parent workshops.)

Two Full-Time Equivalency Classroom Aides

(The Board Office recommended tentative approval of this request.)

Summer Outreach Program and Travel Expenses and Secretarial

(The Board Office tentatively concurred with this recommendation although it expressed some concerns about the overlapping roles of some of the existing and proposed staff. It was noted that in the summer outreach program great importance will be given to the opportunity to discuss the individual education plans which are mandated by Public Law 94-142. It was not clear in the proposals which staff would have the responsibility for working with the parents in development of the individual education plans. The Board Office indicated that it would be helpful in reviewing the programs if there would be a clear delineation of responsibilities for each of the individuals as well as an explanation of where roles may overlap and complement each other. The Board Office recommended travel expenses and secretarial costs as proposed by the Iowa School for the Deaf.)

The Board Office indicated that Iowa School for the Deaf prepared its report with the tentative 1978-1979 Title I program in a very short period of time which undoubtedly contributed to the lack of specificity and clarity in its proposal. In addition, it was noted that approval by the board of the proposed Title I program was tentative due to the fact that the Department of Public Instruction Title I staff have not yet had an opportunity to review this program and it is possible that they may find all or part of the proposed program inappropriate for the purpose of meeting the Title I guidelines.

Mr. Richey noted that Superintendent Giangreco has been quite concerned about being as responsive to recommendations as quickly as possible within the funds available. He commended Superintendent Giangreco for his efforts. He reported that when Superintendent Giangreco initially approached him on recruiting people for the positions noted above, he was very complimentary and enthusiastic about the things he wanted to do. He admitted that Superintendent Giangreco would have a right to feel let down today as the Board Office's recommendations varied from Mr. Richey's initial feelings toward Superintendent Giangreco's suggestions.

Mr. Richey explained that the Iowa School for the Deaf now has a total budgetary flexibility of \$238,000. The institutional administration proposed to shift all of the Title I programs currently funded by Title I funds to its general education fund and utilize the \$238,000, then, to add additional staff and programming proposed as outlined above. Mr. Richey noted that the board needed to make a major policy decision in that regard. He said that if new programs are picked up by federal funds and those funds are later dropped, a state appropriation could not be requested unless prior notice to the Governor and legislature had previously been provided. While the board has indicated that it would proceed in that manner, it has never had occasion to do so at this point. If the board approved any of the above proposals, it would have to be with the understanding that something else would be dropped in lieu of them so added funds would not be requested to continue them. The board has committed itself to that.

President Petersen asked if the board should notify the legislature and the executive branch of the nature of the Title I funds to keep them properly informed. Mr. Richey suggested the legislature and executive branch be informed before the board takes any action involving them. He recommended the board indicate an intent and then carry the matter to the committees involved. Mr. Richey stated that the board has been under some pressure for several years at both of its special schools to get the present programs off of Title I funds.

Superintendent Giangreco indicated that the recommendations he posed before the board were made in light of the fact that present Title I programs are vital to the school. He said that the school can not afford to lose the multiply-handicapped unit it has.

Superintendent Giangreco commented that the school could absorb the attrition and cut back for the \$30,000. Mr. Richey said that sounded favorable to him and that the only other stipulation involved would be that anything the school recognized for Title I funding would be dropped unless there is a prior understanding in the legislative request for that.

Mr. Richey commented about a state-wide curriculum for the Iowa School for the Deaf by stating that the only problem involved is whose responsibility it is to establish it. He said it clearly is not the responsibility of the Board of Regents or the Iowa School for the Deaf at this point. It is within the responsibility of the Department of Public Instruction.

President Petersen asked for further information with respect to the school's request for one full-time equivalency guidance counselor. She asked if the guidance counselor would work with the school's vocational rehabilitation person who comes to the school on a rotating basis. Superintendent Giangreco responded affirmatively.

Mr. Richey asked for clarification with respect to the request for a pupil services director. Superintendent Giangreco said the position is not proposed to be that of a "recruiter," and said it would be more of a coordinator to inform persons of the school as he/she works through the area education agencies. Mr. Richey suggested the position description, then, be reworded to more accurately reflect the role.

MOTION:

Mr. Brownlee moved the board authorize the Iowa School for the Deaf to initiate recruitment for personnel for the proposed Title I program for 1978-79 as indicated above, pending further review of the programs and approval of the full-time equivalency guidance counselor and one curriculum specialist. Mr. Slife seconded the motion and it passed unanimously.

Mr. Richey stated that the school will bring to the board a comprehensive budget at the board's May meeting.

NEGOTIATION WITH ARCHITECTS. The Board Office recommended the board authorize the Iowa School for the Deaf, in conjunction with the Board Office, to negotiate with the firm of Wilscam, Mullins & Birge, Inc., Omaha, Nebraska, for the purpose of entering into an agreement on a facilities master plan study with compensation not to exceed \$5,000.

The Iowa School for the Deaf reported it has recently completed construction of a number of projects including remodeling and an addition to the food service operations, an addition to the girls' locker room, certain roof repairs, etc. There are still a number of problem areas at the school which need to be examined by an outside architect. These problems include an examination of the roofs, examination of the structural adequacy of the old laundry building and future usage, the need for expansion of the vocational offerings and additional facilities for that purpose, and certain deficiencies pointed out in the various evaluations conducted at the school over the past six months. In addition, firm cost estimates need to be put together on making the school accessible in accordance with Section 504 guidelines for physically-handicapped.

The Board Office indicated that the school needs to have direction as to how to request capital funds over the next several years, as well as expenditure of RR&A funds over the same period. Finally, the mission of the school may change rather dramatically over the next few years as its population alters in accordance with new federal laws on mainstreaming and/or education of students in the least restrictive environment. It might be premature to try to pin down those needs at this time in terms of future facility requirements, but the subject should be examined in conjunction with the governance study which is expected to be before the board at its June meeting.

MOTION:

Mr. Barber moved the board authorize Iowa School for the Deaf, in conjunction with the Board Office, to negotiate with the firm of Wilscam, Mullins & Birge, Inc., Omaha, Nebraska, for the purpose of entering into an agreement on a facilities master plan study with compensation not to exceed \$5,000. Mr. Brownlee seconded the motion and it passed unanimously.

DEPARTMENT OF PUBLIC INSTRUCTION CERTIFICATE OF COMPLIANCE. Discussion pertaining to this item is found in the general portion of these minutes.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. There were no items on the Register of Capital Improvement Business Transactions for the month of March 1978.

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

SUMMER SCHOOL. Superintendent Giangreco reported that Iowa School for the Deaf will be having summer school sessions this year.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

The following business pertaining to the Iowa Braille and Sight Saving School was transacted on Friday, April 21, 1978.

SUPERINTENDENT'S REPORT - CURRENT STATUS OF IOWA AND BRAILLE AND SIGHT SAVING SCHOOL PROGRAMS. Superintendent DeMott introduced three Iowa Braille and Sight Saving School staff members to the board who were very instrumental to him in preparing the "1978 Annual Report" of the school. Those staff members were: Ronald Fistler, Jodene L. Toms and Linda Kramme. Superintendent De Mott reported that copies of the annual report have been mailed to members of the board.

Superintendent DeMott also introduced Mr. Everett Hidlebaugh, Superintendent of the Vinton Community Schools. He expressed thanks to Mr. Hidlebaugh for the excellent cooperation the Vinton School System has provided the Iowa Braille and Sight Saving School over the past couple of years.

Superintendent DeMott reported that the board must not forget that the purpose of the Iowa Braille and Sight Saving School is to serve and that those served are living, worthy human beings. He stated that enrollment at the school has steadily declined over the past several years. Several other states have also noticed this trend. While there has been a decline in enrollment, however, the number of severely-handicapped students served increased rather dramatically.

Superintendent DeMott outlined Public Law 94-142 for members of the board by stating the steps the school follows in following the legislation:

- 1) multi-faced assessment, 2) procedural safeguards, 3) individualized education programs that address themselves to academic performance, and
- 4) least restrictive environments.

Superintendent DeMott reported that in order to provide comprehensive services that meet the needs of individual handicapped children, the role of the residential school must be reexamined in light of changes occurring in special education. In light of the changes taking place in special education in the United States and Iowa, he stated that he feels the best role for the school would be to function as a state resource center. He briefly commented on several points involved with a resources center:

- 1) We need to know a great deal more about how youngsters develop and how they learn. Superintendent DeMott said he feels the key to understanding lies in appropriate research with handicapped children.
- 2) Summer school programs could enrich the lives of youngsters so their education would not suffer by a three-months educational lapse.
- 3) Supplementary, short-term placement for specialized skills could be available during the year.

- 4) A large print and nonprint media source would be available for youngsters throughout the state.
- 5) The resource center should function as a laboratory school for both in-service and pre-service of teachers.
- 6) Specialized athletic fields and recreation facilities would be available.
- 7) The extension of year-round state-funded education would be provided for the multi-impaired.
- 8) Evaluation of visually-impaired youngsters would be done through utilization of an evaluation team that might be housed at the state resource center.
- 9) Assistance in parent education.
- 10) Participation in annual planning and coordination of state-wide services with area education agencies, Department of Public Instruction special education staff, and other resources.

Superintendent DeMott admitted that conceptualizing what the state resource center would be like is just that. He noted that implementing those programs or services is quite another situation.

It was noted by Superintendent DeMott that many steps have become initiated to assure compliance with Iowa Braille and Sight Saving School and the law. He reported that the school's staff has been very enthusiastic and helpful in this endeavor.

Superintendent DeMott indicated that certification of the school's professional staff is a pressing problem. To have any chance to resolve the problem, the school must recruit early in the year for new staff, locate training programs, and maintain a competitive salary scale. Serious attention, he added, should be given to the extended school year and summer programs. He reported that since administrative and some support staff are already employed year round, it would be a fiscally efficient move.

Superintendent DeMott said the Iowa Board of Regents can have a significant impact on special education in Iowa and the United States. He said that positive leadership to a commitment in special education can help make Iowa stand out among other states in that commitment. He reported that the state's universities can assist in the research and preparation of professional personnel for the Iowa Braille and Sight Saving School. He urged the board increase the commitment of university resources to special education needs. To do that, he added, would produce an excellent cooperative program which would serve as a model to other states in serving all handicapped children. He emphasized that timeliness in this matter is of a critical nature.

Regent Harris asked how the board should proceed in meeting the requests of the Iowa Braille and Sight Saving School. President Petersen reported that the board's Governance Committee is the appropriate committee to recognize the points Superintendent DeMott mentioned. Mr. Richey noted that the Governance Committee will be reporting to the board in June.

Regent Harris said he would be looking forward to receiving the Governance Committee's report. He expressed hope that the recommendations presented by Superintendent DeMott would be met with favor by the committee. Regent Belin concurred with Regent Harris' remarks.

Mr. Richey mentioned that the board will be considering more specifics of Superintendent DeMott's report when it reviews the school's budget for 1978-1979 as well as the request for 1979-1981. He said the budget matters will be brought to the board in October.

Regent Slife asked if Superintendent DeMott was satisfied with the board's course of action with respect to his proposals. Superintendent DeMott replied that he feels very positive about the kinds of deliberations that have been made in the Governance Committee sessions. He added that cooperative arrangements with area education agencies have been occurring somewhat independently of the Governance Committee although there are many times when the cooperation is "one in the same."

Regent Bailey reported that he views the legislature as the final determinant as to whether the Iowa Braille and Sight Saving School becomes a state resources center or not. He commented that as the law stands now, however, the board is in a position to come up with a type of mission statement of the school. He said this opportunity may aid the legislature in its decision.

Regent Belin reported she was pleased to know that the Governance Committee deliberations focused first on the matters of individual children rather than on the needs of individual institutions.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of March 1978 were ratified by the board.

RESPONSE TO CERTIFICATION REQUIREMENTS. Board action on this item is found in the general minutes under "Certification of Professional Staff by Department of Public Instruction."

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. There were no items on the Register of Capital Improvement Business Transactions for the Iowa Braille and Sight Saving School for the month of March 1978.

FIRE SAFETY PROJECT, PHASE II. The Board Office recommended the board approve the revised project for Fire Safety Improvements, Phase II and authorize the school to proceed to final drawings and the taking of bids.

The Board Office reported that the Deputy State Fire Marshal conducted an inspection of the school in December of 1976. The board allocated \$100,088 in February of 1977 to meet the most serious of these deficiencies. An additional appropriation of \$150,000 was made by the 1977 Session of the legislature. Thus, the school has a total of \$250,088 to eliminate the fire safety deficiencies.

At the invitation of the school, representatives from the Fire Marshal's Office revisited the school in January of this year so that certain of the recommendations of the Fire Marshal could be clarified prior to drawing final plans and specifications on the project. In addition, a contract was approved for elimination of certain of the electrical deficiencies in November of 1977. The contractor, in the course of completing his work, discovered some additional wiring deficiencies in Rice Hall.

The Board Office stated that there is a balance of \$198,788 available to fund contracts and change orders to totally eliminate the deficiencies pointed out in the State Fire Marshal's report.

Mr. McMurray commented that Phase II involves fire escapes for two dormitory buildings, alterations in doors and access to classrooms in the Main Building, and construction of smoke barriers and doors in several buildings on campus. The following letter to Mr. McMurray from Business Manager Berry provides more information:

In 1959 when Rice Hall was erected, a fire alarm system consisting of heat detectors was installed. In 1964 this system was modified by the addition of an Enunciator Panel which would locate and record areas in which the detectors picked up a fire situation. A panel was installed at the Main entrance to assist fireman and school personnel in going immediately to the location of the fire.

Phase I of the Fire Safety Project is adding exit lights, smoke detectors, etc. to the old system. In making the connections of the new units it has been determined that the wiring within the old system is deteriorated to the point it needs replacement.

It would appear to be beneficial to update the entire system and we asked Brown Healey Bock to review the system for work that could be covered by a change order to the present contract with Mayhew Electric.

BHB has recommended the following:

- New Enunciator Panel
- Add 17 pull stations and 17 additional horns and lights
- 3 additional smoke detectors
- New wiring, molding, conduit, fittings, etc.
- Completely installed.

For this work, Mayhew Electric has given us a price of \$ 8,487.00. Since the heat detectors are 20 years old and the fact that they will have to be removed in order to do the new wiring, they have listed an alternate of \$ 1,250 for the replacement of all detectors.

Pending approval of the State Fire Marshal, we are recommending that this Change Order be issued, which would then give Rice Hall a complete new Fire Safety System for the additional amount of \$ 9,737.00.

Mr. McMurray said the Board Office recommended issuance of a change order in the amount of \$9,737 to Mayhew Electric to complete this work contingent upon further study of the board's executive secretary with the authority to veto, if necessary.

MOTION:

Mr. Harris moved the board approve the revised project description of Fire Safety Improvements, Phase II and authorize the school to proceed to final drawings and the taking of bids. Mr. Harris also moved the board approve, contingent upon approval by the executive secretary, the award of the change order on the Rice Hall project as described above to Mayhew Electric. Mr. Wenstrand seconded the motion and it passed unanimously.

PHASE I RENOVATIONS -- 1977-1978. The Board Office recommended the board approve the revised project description for Phase I Renovations and authorize the Iowa Braille and Sight Saving School to proceed to final drawings and the taking of bids on the project.

The Board Office reported that the 1977 Session of the Legislature appropriated \$240,000 to the Iowa Braille and Sight Saving School for renovations and remodeling. The projects to be undertaken were identified in the Master Plan Study undertaken several years earlier. In February of this year, an architect's contract was approved with Brown Healey Bock in which the projects to be undertaken were divided into Phase I and Phase II. A total of \$236,000 was identified as being available for Phase I. Four projects are involved:

1) Repair of Guttering on the Main Building

The architects have reviewed this portion of the project and believe that the cost of repairs will be about \$20,000.

2) Renovation of the Dining Area on the First Floor of the Main Building

This deficiency was pointed out in several evaluations conducted at the school. It was also included in the needs in the Master Plan Study. Estimated cost of renovation, including new furniture, is \$56,800.

3) Relocation of Administrative Offices

One of the recommendations in the Master Plan was to unify the administrative staff of the school. Currently, the superintendent's office and business manager's office (and some other administrative functions) are located on the first floor of the Main Building, while certain other functions such as student affairs' offices are located on the second floor.

Initially, it was thought that the entire administrative staff could be put into the south wing of the Main Building. A careful examination of that solution by the administrative staff and the architect indicated insufficient room to provide total unification of the administrative staff in that area. The school and its architects have now developed a plan which, under Phase I, will renovate the south wing of the Main Building only for administrative offices that will house the computer room, secretarial staff, the business office, the personnel office, the superintendent's office and a storage room. Cost of this renovation, Phase I, is estimated to be \$71,200.

The Board Office stated that Phase II and III of the Administrative Office Relocation would not be able to be accomplished within the capital appropriation made by the 1977 Session and that initially all that would be bid next month would be the renovation of the south wing of the Main Building for that purpose.

4) Renovate and Unify the Instructional Materials Center on the Second Floor of the Main Building

The Master Plan called for relocation of the library to the second floor of the Main Building adjacent to the Instructional Materials Center. The library has been relocated and, for the most part, the space renovated. The Instructional Materials Center has not been renovated or changed to permit better operating efficiencies. This project would complete the recent remodeling of the library and renovate the offices, the projection room, the dark room, the taping room (which comprises the Instructional Materials Center) on the second floor of the Main Building. Estimated cost of this project is \$26,700.

The Board Office stated that the above four projects have an estimated cost of \$174,700. When the architect's contract of \$20,000 is added in, there is planned utilization of \$194,700 of the \$236,000 available to accomplish Phase I Renovations. This leaves a reserve of \$41,300 to either accomplish further unification of the administrative offices or to accomplish in part some of the projects which are in Phase II, for which the architect is to provide schematic plans this summer. Phase II projects include: parking and site clearance, rearrangements of the services entrances to the Main Building and the addition of a garage and door to the Service Building. The architect is being compensated a fixed fee of \$4,000 to draw schematic plans on the Phase II project.

MOTION:

Mr. Slife moved the board approve the Master Plan Study, Phase I Renovations' revised project description and authorize the school to proceed to final drawings and the taking of bids on the project. Mr. Harris seconded the motion and it passed unanimously.

FEASIBILITY STUDY ON SWIMMING POOL NEEDS OF THE SCHOOL. The Board Office recommended the board authorize the Iowa Braille and Sight Saving School to contract with the firm of Thorson-Brom-Broshar-Snyder, Waterloo, Iowa, for a preliminary study of the swimming pool needs of the school with compensation not to exceed \$2,000 on an hourly rate basis.

The board in December of 1977 authorized the school to negotiate for specialized services leading to a feasibility study on the swimming pool. The Iowa Braille and Sight Saving School pointed out that the swimming pool has developed several problems that need solution. The pool was constructed in 1941, with no major renovation to the tank or the deck since its construction. In addition, there is some question as to whether the current pool adequately serves the needs of the present student population.

Superintendent DeMott indicated that the firm of Thorson-Brom-Broshar-Snyder of Waterloo has sufficient expertise in this area to undertake the feasibility study for the school. The Thorson firm proposed to undertake this work on an

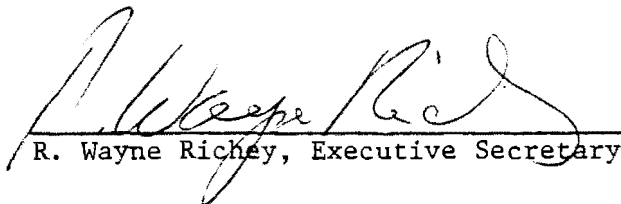
hourly basis and to prepare a report for the board's May or June meeting at a maximum cost of \$2,000. In addition, if the project were to proceed and if this firm would be selected as architect for the work, one-half of that amount would apply to the normal architect's fee for the new project. Source of funds for the feasibility study would be RR&A.

MOTION:

Mr. Barber moved the board authorize the Iowa Braille and Sight Saving School to contract with the firm of Thorson-Brom-Broshar-Snyder, Waterloo, Iowa, for a preliminary study of the swimming pool needs of the school with compensation not to exceed \$2,000 on an hourly rate basis. Mr. Brownlee seconded the motion and it passed unanimously.

President Petersen asked board members and institutional executives if there were additional matters to be raised for discussion pertaining to the Iowa Braille and Sight Saving School. There were no additional matters raised for discussion relating to the Iowa Braille and Sight Saving School.

ADJOURNMENT. The meeting of the State Board of Regents adjourned at 2:05 p.m., Friday, April 21, 1978.


R. Wayne Richey, Executive Secretary