

**THE UNIVERSITY OF WYOMING
MINUTES OF THE TRUSTEES**

November 15, 1979

**For the confidential information
of the Board of Trustee**

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THE UNIVERSITY OF WYOMING

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November 15, 1979

A visitation meeting of the Trustees of The University of Wyoming was called to order by President McCue at 10:05 a.m. on November 15, 1979, in the Board Room of Old Main.

ROLL CALL

The following Trustees were in attendance:

Brodrick, Chapin, Coulter, Gillaspie, McCue, Mickelson, Miracle, Nolan, Quealy, Smith, Thorpe, and ex officio members Jennings, Simons, and Brown. Trustee member Fordyce and ex officio member Governor Herschler were absent. Elliott G. Hays, Vice President for Finance; William R. Steckel, Acting Vice President for Academic Affairs; Charles Ksir, Chairperson for the Faculty Senate; Donna Ruffing, Chairperson for the Staff Council; and M. W. Johns, Director of Alumni Relations, were also present.

APPROVAL OF MINUTES

President McCue asked if there were any corrections or additions to the minutes of the meeting of October 19, 1979. Mr. Nolan moved approval of the minutes of October 19, 1979, as circulated. Mr. Brodrick seconded the motion, and it carried.

ANNOUNCEMENTS

President Jennings advised that the report entitled "Perceptions of the University of Wyoming" had been distributed to the Trustees. This report was part of the self-study process for institutional reaccreditation. Trustees, staff, faculty, and students all took part in this important survey. The survey was conducted in March 1979.

President Jennings noted that items on the agenda included a report by John J. Corbett, M.D., Acting Dean of the College of Human Medicine, and a tour of the Computer Center in the Ivinson Building.

President Jennings expressed concern with the reports by the press regarding a closed meeting held by the Trustees on Tuesday. He advised that no such meeting was held.

REPORT ON THE MEDICAL
EDUCATION PROGRAMS

Dean Corbett, Dr. Donald A. Kennedy, and
Dr. Dennis R. Howard, from the College

of Human Medicine joined the meeting.

Dean Corbett gave a report to the Trustees on the status of the College of Human Medicine and medical education programs. A copy of his report is attached as Enclosure 1. President Jennings thanked Dean Corbett for presenting such a fine report. Dean Corbett, Dr. Kennedy, and Dr. Howard left the meeting.

COMPUTER CENTER

Mr. Charles A. Folkner, Director of the
Computer Center, joined the meeting. He

outlined the following sequence of events on the computer project:

Computer Equipment Ordered	December 1978
Building Contract Awarded	February 1979
Phase I Computer Equipment Delivered	August 1979
Phase I Computer Equipment Performance	September 1979
Phase I Computer Services Personnel	
Move to Ivinson Building	September 1979
Phase II Computer Services Personnel	
Move to Ivinson Building	October 1979
Sigma Computer Closed	June 1980
All Computer Services Personnel	June 1980

Mr. Folkner noted that 200 terminals are expected to be hooked up by the end of the year. He said that the University had tried to keep the cost down and yet have as good as structure as possible. Director Folkner will take the Trustees on a tour of the Computer Center in the Ivinson Building. In order for the Trustees to go on the tour now, the meeting was recessed until 1:30 p.m.

The meeting reconvened at 1:30 p.m. The same individuals were in attendance at this time, except for Mrs. Simons who is hereby recorded as not being present.

PHYSICAL PLANT

President McCue called on Mr. Nolan for a report from the Physical Plant and Equipment Committee meeting which was held November 15, 1979.

1. Willet Drive Relocation. Mr. Nolan reported that the relocation of Willet Drive which will be necessary for construction of the Arena-Auditorium has been discussed in a meeting of University officials and a committee of the City Council and that the City Council will consider approval of the proposal at their meeting on November 20. The Committee recommended that the Trustees accept the recommendations from the meeting of University officials and City Council members on November 14, 1979, to dedicate a portion of property north of the present Willet Drive from the Arena-Auditorium to 22nd Street contingent upon the vacation of the existing Willet Drive in that area. Mr. Nolan moved, Mr. Mickelson seconded, and it carried to adopt the following resolution:

WHEREAS, the Trustees have heretofore authorized actions by the President of the University which are necessary to accomplish the vacation of a portion of Willet Drive immediately north of the construction site for the Auditorium-Arena and the conveyance of a right-of-way for the relocation of such portion of Willet Drive, and

WHEREAS, a form of quit-claim deed has been tendered under date of November 5, 1979, to the City of Laramie which described Tract No. 4 and Tract No. 5 as a part of the relocated Willet Drive, and

WHEREAS, it appears that the interests of the City of Laramie and The University of Wyoming would be best served by another future relocation of Willet Drive extending easterly from Tract 4 to the intersection of Willet Drive and 22nd Street;

NOW THEREFORE, BE IT RESOLVED:

1. The Trustees of The University of Wyoming hereby authorize the conveyance of a parcel of land to the City of Laramie so as to provide a right-of-way to be finally located between the above mentioned Tract No. 4 and the intersection of Willet Drive and 22nd Street.

2. Such conveyance shall be made at the time the City of Laramie vacates all portions of the existing Willet Drive which lie westerly of the intersection with 22nd Street to the west boundary of Tract No. 5 as a part of the relocated Willet Drive.

2. Sewer Line Bids for Torrington Research and Extension Center. One bid was received on November 8, 1979, from Scott & Son, Inc., of Torrington, Wyoming, for construction of a sewer line at the Torrington Research and Extension Center in the amount of \$47,665.13. Mr. Nolan moved that a contract be awarded to Scott & Son, Inc. for \$47,665.13. Mr. Gillaspie seconded the motion, and it carried.

3. Easement for Power Line, Tennis Courts. Mr. Nolan moved that an easement be granted to Pacific Power and Light Company for an underground power line to the tennis courts that are being enclosed following review of the specifications by Mr. Geraud. Mr. Coulter seconded the motion, and it carried.

4. Easement for Power Line Relocation, Torrington Research and Extension Center. Mr. Nolan moved that an easement be granted to the Town of Torrington to relocate a power line on the Torrington Research and Extension Center subject to review by Mr. Geraud. Mr. Gillaspie seconded the motion, and it carried.

5. Property Matter. Mr. Nolan moved that President Jennings and his staff be authorized to straighten out a matter of relocation of a fence between University property and an adjoining property owner. Mr. Brodrick seconded the motion, and it carried.

6. Family Practice Center, Cheyenne. Mr. Nolan moved that a change order in the amount of \$69,784.65 to the contract for the Cheyenne Family Practice Center with Reiman-Wuerth Company of Cheyenne be approved and that a sizable gift from the McCracken family in memory of Tracy S. McCracken, the amount to be undisclosed, be accepted to assist in the project. The motion was seconded by Mr. Miracle, and it carried.

7. Arena-Auditorium Bids. Mr. Conrad Steller, representative of John W. Cowper Company, Inc., low bidder on the Arena-Auditorium project, was introduced to the Trustees. Mr. Nolan reported that the following bids were received on November 13, 1979.

	<u>John W. Cowper Company, Inc. Englewood, Colo.</u>	<u>Westcon Corporation Gillette, Wyo.</u>	<u>Spiegelberg Lumber & Building Co., Laramie, Wyo. and Reiman- Wuerth Co., Cheyenne, Wyo., a joint venture</u>
Base bid (Includes Laminated Wood Structure Roof)	11,499,000	13,224,000	13,495,013
Alternate A-1, Parking Lot Paving adjacent to building (south & east)	34,000	60,500	40,000
Alternate A-2, Painted acoustical metal deck and insulation in lieu of painted gypsum board	32,850	21,000	40,000
Alternate A-3, Change membrane roofing material to neoprene sheeting	665,000	665,000	43,000
Alternate A-4, Wood floor	87,900	88,500	87,000
Alternate A-5, Wood floor	93,000	93,500	93,000
Alternate A-6, Change acoustical thermal insulation to cheaper type	(61,800)	(150,000)	(64,000)
Alternate A-7, Theatre armchair style seating (American)	767,900	757,000	736,000
Alternate A-8, Theatre armchair style seating (Irwin)	720,000	710,000	700,000
Alternate A-9, Theatre armchair style seating (American Desk)	743,000	875,000	866,000
Alternate A-10, Seating	No bid	745,000	No bid
Alternate A-11, Curved plastic laminate cover at bottom of catwalk	9,000	13,500	15,000
Alternate A-12, Convert vacant space under seating to storage rooms (4)	24,700	32,000	27,000
Alternate A-13, Change Performance Bond to 50%	No change	No change	No change
Alternate A-14, Utility tunnel under road	39,000	38,000	41,000
Alternate A-15, Optional additional subsurface dampproofing	No bid	9,000	10,000
Alternate M-1, Deduct heat recovery system	(10,000)	(6,000)	(10,000)
Alternate E-1, Add exterior lighting and selected concourse lights	39,600	40,000	40,000
Alternate E-2, Conduit for concession stand P.A. speakers	2,400	2,350	3,000
Alternate E-3, Electrical portion of Alternate M-1	No change	(400)	No change
Alternate SS-1, P.A. speakers in concourse and basement	(2,500)	(4,600)	(5,000)
Alternate SS-2, Delete portable sound system	(6,500)	(7,500)	(8,000)

The base bid includes the bid of \$1,125,200 by Unadilla Laminated Products for the laminated wood structure roof. The bid specifications for the roof provided an assumed load of 5,000 pounds at the center of the Arena-Auditorium roof for the scoreboard and speakers. Subsequent design of the Arena-Auditorium reveals a different load than originally estimated. Unadilla Laminated Products has requested an adjustment in the bid price to accommodate this change. The different types of seating in alternates 7 through 10 were discussed by the Committee and it was the consensus that alternate A-7 was the preferable seating because of better supports, cast metal arms, and better shape for comfort.

Mr. Nolan moved that a contract be awarded to John W. Cowper Company, Inc., of Englewood Colorado, for a total of \$12,536,550, subject to adjustment for the roof, the amount of that change to be approved by the Executive Committee, to include the base bid, additive alternate A-1, A-2, A-5, A-7, A-11, A-12, A-14, E-1, and deductive alternate SS-1, and rejecting alternates A-3, A-4, A-6, A-8, A-9, A-10, A-13, A-15, M-1, E-2, E-3, and SS-2, with funding for alternate A-14 to be charged to the Power Plant project. The motion was seconded by Mr. Gillaspie, and it carried.

It was suggested that a vote of thanks be given to all those who participated on the project. Mr. Nolan moved, Mr. Smith seconded, and it carried to adopt the following resolution:

WHEREAS, very favorable bids have been received and accepted today for construction of the 15,000-seat Arena-Auditorium; and

WHEREAS, the Arena-Auditorium will greatly benefit students of The University of Wyoming and citizens of the State of Wyoming; and

WHEREAS, construction of the Arena-Auditorium would have been impossible without the active interest, the enlightened leadership, and the professional involvement of a large number of people; and

WHEREAS, the Trustees of The University of Wyoming wish to express their heartfelt appreciation to those people;

NOW, THEREFORE, BE IT RESOLVED:

That the Trustees of The University of Wyoming officially commend Governor Ed J. Herschler, the members of the Capitol Building Commission, and the Wyoming legislators for their leadership, foresight, and support; and that special thanks for a job well done be extended to Hugh B. McFadden, who served so ably as University President during the period the Arena-Auditorium was funded, to Vice President Elliott Hays and University Architect Morris Jones and their staffs, to Project Architects Robert Corbett of Jackson and Gene Dehnert of Lander and their colleagues, and to the general contractor, John W. Cowper, Inc., of Englewood, Colorado.

BE IT FURTHER RESOLVED:

That the Trustees of The University of Wyoming are equally appreciative of the efforts of President Edward H. Jennings in behalf of the Arena-Auditorium project since his recent appointment. The Trustees of The University of Wyoming are confident all administrative matters, including those related to the Arena-Auditorium construction, are being properly handled by him. They hereby direct that all administrative matters should be referred to him for expeditious resolution.

President Jennings made the following statement with regard to the Arena-Auditorium:

I want to thank the Trustees for their expression of confidence in me and for publicly commending those whose efforts have made possible the construction of the badly needed Arena-Auditorium. However, in giving credit where credit is due, the Trustees have made one major omission. I would like to correct that.

We would not have the Arena-Auditorium were it not for the men and women serving and who have served as University of Wyoming Trustees. The plans would never have gotten off the drawing board. The Trustees give freely of their time and talents, yet seldom are they recognized for the valuable services they are performing.

I want to take this opportunity to publicly thank each of them and to assure them that the contributions they are making for the betterment of The University of Wyoming are deeply appreciated by our students, our faculty, and the citizens of the State.

STATE EXAMINER'S REPORT

Mr. Hays discussed the Examination of the Books and Records of The University of Wyoming which was prepared by the State Examiner after his audit of University accounts. The audit covers the period July 1, 1977, to

June 30, 1978. Mr. Hays explained the only recommendation contained in the report relating to security for bank deposits and advised that the recommendation was being implemented. Mr. Nolan moved that the Trustees acknowledge receipt of the report and state no exceptions were taken. The motion was seconded by Mr. Quealy, and it carried. A copy of the acknowledgment of this Report on the Examination of the Books and Records of The University of Wyoming is one file with the permanent minutes.

RESCHEDULING OF NEXT
MEETING OF THE TRUSTEES

The next regular meeting of the Trustees has been changed to December 12, 1979.

NEW BUSINESS

President Jennings advised that after the meeting there would be a ground breaking ceremony for the Arena-Auditorium project. All Trustees were invited to this ceremony.

ADJOURNMENT

Mr. Miracle moved that the meeting be adjourned. The motion was seconded by Mr. Nolan, and it carried.

Respectfully submitted,

Karleen B. Anderson

Karleen B. Anderson
Deputy Secretary

REPORT ON THE COLLEGE OF HUMAN MEDICINE

Overview

Right now, November 15, 1979 we are a College in and of the University, created by the Board of Trustees, and dedicated to the education of students in medicine in a different way than has ever been done before. Our long term goal, dream, if you will, is to improve the health care of the people of the State of Wyoming and to improve the health care delivery system in the State of Wyoming. We are doing this by educational impact at all levels, bringing excellence to: the educational process at the undergraduate level, before our Wyoming students enter medical school; at the graduate level in medical training; and in the residency programs at the Family Practice Centers in Casper and Cheyenne.

PREMEDICAL EDUCATION

What are we doing to impact the educational process at the undergraduate level? The College of Human Medicine, unlike other medical schools, has a direct responsibility for advising premedical and other professional students. All of the Laramie faculty of the College are involved in this process. Every premedical student has the opportunity to talk with academicians who are: familiar with requirements for medical school admission; familiar with the strengths and weaknesses of the curricula of various medical schools; and are familiar with graduate education in a variety of medical specialities.

After a student at the University of Wyoming completes the requirements necessary for admission to a medical school, he or she has several options available. Five years ago, Wyoming students ranked forty-ninth among the fifty states in placement in medical school per capita. This year, we are second. Options open to Wyoming students include: 1) admission to either Creighton University of the University of Utah, under contract, 2) admission to one of fourteen medical schools in the West under a WICHE contract, and 3) admission to any school of medicine without support from the State of Wyoming. The first two options are the responsibility of the College of Human Medicine and account for a large portion of our budget. For example, the contracts account for 42% out of a total budget of \$8,076,536 in the 1978-80 biennium,

MEDICAL SCHOOL CONTRACTS

Administration of the contracts at Creighton and Utah account for a significant amount of staff time and travel. In the past, Dr. Pancoe has borne the brunt of both counseling the preprofessional students and supervising the day-to-day operations of the out-of-state contracts; meeting with admissions committees at the medical schools; interviewing students on campus with representatives of professional schools; negotiating amendments to existing contracts; and providing guidance and counsel to students in Nebraska and Utah. As more Wyoming students participate in these contractual programs it has become necessary to assign other administrative staff members to assist Dr. Pancoe in these endeavors.

PRECEPTORSHIP PROGRAM IN WYOMING

The preceptorship program was initiated in the summer of 1977 for all Wyoming students enrolled in medical school. Twenty-three medical students who had completed their first year of medical school returned to spend a month working and learning with primary care physicians in Wyoming. Sixteen practicing physicians served as preceptors working with the students on a one-to-one basis. During the summer of 1978, a total of 20 students participated with 19 physician preceptors located in 11 different counties. In the summer of 1979, 21 students participated with 21 Wyoming physicians. The students are paid a stipend of \$100/week while the physicians give of their time and effort for no remuneration.

The preceptorship program is important because it provides medical students with direct experience in office practice settings at a time when they are deeply involved with didactic instruction at the medical schools. The program is designed to stimulate students to think about a choice of a career in primary care and the possibility of selecting a practice location in Wyoming when their training is completed. The program also generates great interest among physician preceptors as they interact with medical students and become more highly involved with Wyoming's efforts to improve medical education activities and thus secure improved health care for the people of Wyoming.

RESIDENCY TRAINING

As our Wyoming students finish medical school, they enter that phase we refer to as graduate medical education or residency training. Because of our need for primary care physicians in Wyoming, we have chosen to establish residency programs in the specialty of family practice. We feel that this is a very important part of the program because national studies indicate that some 70% of graduates of residency programs stay in the state where they finish their training.

To be eligible for specialty certification by the American Board of Family Practice, a physician must complete three years of accredited training. Both of our Family Practice Programs are accredited. This means that the Program Directors, Dr. Huff and Dr. Howard, have presented to the residency review committee documentation that they can provide an educational program that fulfills the essential requirements. These essentials are defined by the Residency Review Committee of the American Academy of Family Physicians; approved by the Liaison Committee on Graduate Medical Education; and endorsed by the American Medical Association, the American Association of Medical Colleges, the American Academy of Family Practice and the American Board of Medical Specialties.

The process of residency accreditation is fairly complex. An application for accreditation must be prepared and submitted. Then a site visit is arranged. The Residency Review Committee reviews the application and the Site Team Report to be certain the essentials can be met. The Residency Review Committee then forwards the application with its recommendation to the Liaison Committee on Graduate Medical Education. The Liaison Committee on Graduate Medical Education either approves or disapproves accreditation

for the program. Both the Casper and Cheyenne Programs have completed this process. The Casper Program was granted 3 years of provisional accreditation in July 1977. The Cheyenne Program was granted 3 years of provisional accreditation in February 1979.

Even after the program is initially approved, our quest for excellence continues. There are several national organizations that can assist us in this endeavor. The American Academy of Family Physicians provides the Residency Assistance Program (RAP) activity. RAP consultants are available to visit residency programs prior to reaccreditation. They help us identify possible weaknesses and suggest remedies to strengthen the programs. A RAP consultation will be requested for the Casper Program this Spring prior to the reaccreditation process scheduled for next year.

The Association of American Medical Colleges' (AAMC) report of the Task Force on Graduate Medical Education was presented last week for discussion and action at the AAMC meeting in Washington, D. C. This report outlined a series of goals to improve the quality of residency programs in the United States. We are pleased to note that we are already doing or planning to do many of the things that are recommended.

SELECTION OF RESIDENT PHYSICIANS

Another measure of the quality of our residency program is the quality of residents we are able to recruit. The Casper Program is now attracting excellent candidates. Six of the eight first year residents were in the top 10% of their graduating class. We have had over 320 inquiries and 85 completed applications for next years entering "class" at Cheyenne and Casper. After applicants to our programs are interviewed, they are ranked by the faculty, and final selections are made by the National Resident Matching Plan.

SELECTION OF FACULTY

Having captured these bright young minds, we must challenge them with work and knowledge, providing instructional excellence and a typical Wyoming patient mix as an instructional base. Our faculty at the two residency centers is nearly complete, and though they have grown from different bases, and differ in appearance, they meet and exceed the essentials of the Residency Review Committee.

In Casper Dr. Charles Huff, the Program Director, is a Wyoming native whose father practiced in Jackson, Wyoming. Dr. Huff was trained at the Jefferson Medical School in Philadelphia. Charlie returned to Wyoming after serving as Director of Medical Education at a large hospital complex in Denver; he served on the faculty at the University of Colorado; and directed a Family Practice Residency Center in Illinois. Most of the full-time clinical faculty in Casper were recruited locally with the thought that this would increase the local physicians' acceptance of the program. Dr. Fowler (pediatrics) and Dr. Bernice Elkin (psychiatry) both have their specialty board certification and have had prior faculty experience. Dr. Edward Wilkins is board certified in family practice and came to us from a family practice program in Canada affiliated with the University of Montreal. The part-time faculty in Casper includes prior chairman of Clinical Department of Surgery, Endocrinology, Neurology and Neurosurgery. Faculty members in medicine, cardiology, pulmonary

disease, obstetrics and gynecology, pediatrics, and thoracic and cardiovascular surgery have served at the professorial level in medical schools.

Faculty recruitment for the Cheyenne Program has been underway since the Spring of 1979. To date, three key full-time members have been recruited and are on board. Seven applicants have been or will be interviewed for the other full-time faculty positions by the end of November. Selection for these two positions will be made by the first part of December so that, hopefully, all key staff will be employed by February 1980.

Dr. Israel Fradkin has been appointed as the Program Director. He moved to Cheyenne from Marquette, Michigan, where he served as the Director of the Upper Peninsula Medical Education Program which is affiliated with Michigan State University's College of Human Medicine. Prior to moving to Michigan, Dr. Fradkin served on the faculty at the University of Arkansas School of Medicine in the Department of Family Practice. Other previous professional activities included private practice, serving as the Clinical Director at the University Health Center at Stony Brook in New York and appointment as the Director of the Idaho Division of the Mountain States Regional Medical Program.

Dr. James C. Low, a Wyoming native, moved to Cheyenne following an 18 month fellowship at the University of Utah School of Medicine. This fellowship was designed for practicing physicians interested in facilitating the transition to academia. Dr. Low graduated cum laude from the University of Wyoming in 1948 and received his professional education at Stanford University School of Medicine. Following his residency training, he was engaged in private practice in California and Idaho for over 23 years. Dr. Low is an assistant professor and serves as a team leader physician and Director of Student Programs for the Cheyenne Clinical Campus.

Mr. J. David Oates has been appointed as the Practice Manager for the dual role of managing the operations of the Cheyenne Family Practice Center and teaching residents the complexities of practice management. Mr. Oates previous experience in the health field include four years with the Wyoming Division of Mountain States Regional Medical Program (where he served as Director from 1975 to 1976) and three years as Director of the South Plains Health Organization in Plainsview, Texas. His responsibilities in Texas included teaching practice management to residents associated with the Texas Tech University family practice program.

In addition to the full-time faculty, the Cheyenne Program also employs five physicians from the primary contributing specialties on a part-time basis to coordinate and supervise the specialty-oriented components of the curriculum. Four of the five, Dr. Larry Seidl (internal medicine), Dr. Robert McGuire (obstetrics/gynecology), Dr. Michael Silverglat (psychiatry), and Dr. Wendy Palmer (pediatrics) have held academic appointments at medical schools. Dr. Winter (surgery) is new to academia but has distinguished himself as a teacher in the medical community.

RESIDENCY CONSTRUCTION COSTS

The Casper program, begun in 1976, required the expenditure of approximately \$1,688,000 for a clinical education facility. The Cheyenne facility currently under construction has a total capital budget of \$2,413,000. The facilities are uniquely designed for patient care, teaching, and research activities

which are essential to the training of a new generation of medical specialists in family practice.

FACULTY SALARIES

Our faculty salaries are adequate and fall within the range of academic salaries paid in medical schools. In 1973 the average salary for a chairman of a department of family practice in this country was \$63,800 if he/she received only a base component. If the chairman was allowed to supplement this income through a practice plan, it would reach \$67,000. In other academic disciplines or clinical specialties the salaries are comparable and competitive. Administrative responsibilities usually add 10 to 25 per-cent to the faculty salary.

In addition to regular full-time faculty, salaries are paid to part-time clinical faculty. Both regular and clinical faculty provide clinical supervision for residents caring for patients at the Family Practice Residency Centers in Casper and, effective about April 1, in Cheyenne.

PATIENT CARE REVENUE

Since the residency center opened in Casper three years ago, approximately \$125,000 has been generated from 10,410 patient visits. The practice shows a rapid increase in patient volume and practice income. At the present time, this revenue reverts to the State but plans are being made to channel these funds back into the program beginning with the 1981-83 biennium. A similar pattern of growth is expected in the Cheyenne Program.

FACULTY DEVELOPMENT

All of our educational programs require physicians to assume new levels of teaching performance. Therefore, it is necessary for the College to provide a variety of educational activities directed to improving teaching skills. For regular full-time physician faculty, it is necessary to also facilitate the development of research skills. Faculty development activities are focused upon faculty who teach residents and the practicing physicians who teach medical students during the summer preceptorship program.

EDUCATIONAL SUPPORT SERVICES

As educational activity increases, there is a need for improved library resources throughout the State. In 1968 the University of Wyoming established a Health Science Information Network (HSIN). Now the HSIN is a state-wide activity jointly funded and administered by the University of Wyoming Science Library and the College of Human Medicine and operates in conjunction with the National Library of Medicine (NLM) via the Regional Medical Library (RML) program.

The HSIN provides, on request: literature searches; bibliographies; verification of citations; and answers to questions found through directories and handbooks. In addition, computer-produced bibliographies from a variety of data bases are available. These services are currently free of charge to all Wyoming health professionals. A reasonable fee schedule is being developed to make this service self-supporting.

A cooperative effort, directed by the College of Human Medicine, involving the Wyoming Hospital Association, the Wyoming Nurses Association, the Wyoming

State Medical Society, the Wyoming State Library, and the Wyoming Community Colleges, has led to the development and implementation of a three-step plan for the statewide resource sharing network. The National Library of Medicine has approved this plan for ongoing support, service, and funding through the Regional Medical Library in Omaha, Nebraska.

If all goes according to plan, the State network should be operational by 1984.

COMMUNITY CONSULTATION AND TECHNICAL ASSISTANCE

In support of the acclaimed goal of improving the health care delivery system in Wyoming, we are in a position to provide expert technical support to people or organizations in the State who perceive problems with health care in their communities.

Since November 1977 Dr. Kennedy and other members of the College administrative staff have provided a variety of consultation services to rural communities in Wyoming. Of particular significance is the 22 month effort to provide consultation and technical assistance to families living in the Little Snake River Valley in southern Carbon County. As a result of this consultation, there is now a non-profit corporation, the Noyes Health Care Center, Inc.; a health care facility of 1,728 sq/ft in Baggs; and a \$300,000 grant application under consideration by the Old West Regional Commission.

As recently as October 10, 1979 we visited with the Hospital Board in Weston County and are excited about the prospects of providing a service for them that may possibly have significant benefits for our residency programs. DePaul Hospital has contacted us with a question concerning a study of out-migration of Laramie County residents for health care in Colorado. We hope to be able to assist them in understanding this migration and make recommendations for possible solutions. Continuing consultation and educational effort in Wyoming communities is essential to the deployment of family practice physicians within the smaller communities of the State.

STUDENT HEALTH SERVICE

The College of Human Medicine also provides supervision for the Student Health Service. Since we assumed this responsibility in 1977 we have requested and received a site visit from the American College Health Association; established the Student Health Service Advisory Committee; formed a Student Health Service Task Force to review insurance options; implemented the use of nurse practitioners; initiated clinical consultation for OB/GYN care; and have launched a national search for a medical director to replace Dr. Vic Henry who retired in July 1979.

RESEARCH

No medical education system can grow in excellence without stimulating the inquiring mind. We provide this stimulation by encouraging research in areas ranging from basic cancer investigation to broad aspects of health care delivery systems.

Our research philosophy emphasizes three principles:

- the research program should be compatible with the unique opportunity for health research in Wyoming and the major points of emphasis within the medical education program of the College.

- the program should develop new knowledge and provide empirical data to help solve practical problems of immediate concern to providers and consumers of health care services in the State
- the program should encourage an attitude of scientific curiosity about a wide range of events associated with improving the health status of persons, families, and communities.

As we more fully develop our research program it will be categorized into three major activities:

- faculty and resident physician projects: each full-time faculty member will be expected to conduct a series of small empirical studies. Resident physicians will be encouraged to conduct small studies. Persons on the staff with research expertise will provide workshops and technical consultation to help faculty members and resident physicians to identify research problems of interest and complete worthwhile projects. These studies will be financed by the College.
- community service projects: as part of the technical assistance service to communities, there will be a specific set of applied research studies conducted to provide data for planning improved services. Other studies may include environmental health and safety assessments and a variety of related topics. Research will be conducted in such a way as to meet the specific, unique needs of each community or client group. Publication will take the form of technical reports.
- grant supported projects; faculty members will be encouraged to prepare grant applications and to participate in the competitive process of seeking outside financial support from private foundations and from the federal government. These projects will be designed to respond to special needs and/or opportunities for research activity in Wyoming.

Research activities will cover a wide range of subjects and utilize a variety of methodologies. The College will encourage the development of research activities in the following areas:

- organization and delivery of health care: studies of the ways in which health care services are provided to various populations will be emphasized with an eye to finding new ways to deliver care. The following topics will be considered: organizational patterns, studies of staffing, financing, productivity, efficiency, utilization of new kinds of personnel, new management techniques such as health care teams, studies of geographic distribution, studies of recruitment-retention-deployment of trained health professionals.
- educational research: studies will be conducted on the teaching and learning process, especially as it operates in medical education and closely related fields. Special emphasis will be placed on studies of the influence of individual learning styles on acquisition of knowledge, skills, and attitudes.
- epidemiological studies: studies will be conducted of health and disease patterns associated with rural living, rapidly growing communities, and

energy development. The influence of altitude on disease will be investigated utilizing the residential population group living at different altitudes in Wyoming.

- Clinical studies will be made of diagnostic, therapeutic and outcome events for a range of medical problems encountered in family practice.
- biomedical studies: studies of the biomedical processes associated with disease and injury will be pursued in conjunction with faculty members in the biological sciences at the University.
- environmental health and safety: studies will be made of the physical and social environments that influence the probability of hazard in terms of health and/or safety of persons using various environmental settings. Emphasis will be given to motor vehicle accidents, occupational hazards in the energy industry, presence of radiation hazards, and potential exposure to toxic chemicals.
- social and behavioral sciences: studies will be made of health-related behaviors, attitudes, and values of patients to both traditional and new kinds of health care practice. Studies will be encouraged in the following areas: decision-making of family members prior to seeking care from health professionals; public levels of knowledge about human biology and disease processes; development of self-care skills for dealing with medical emergencies; and studies of attitudes and values related to the importance of health within the context of other needs and concerns.

At the present time, the Whedon Foundation and the American Cancer Society provide grants of from \$7,000 to \$10,000 per year. They have done this for the past eight years. These funds have been used to support research conducted by Dr. Pancoe and two graduate students in basic and therapeutic investigations with Sarcome 57. The project cuts across the academic divisions of the University and involves the departments of Bioengineering, Zoology, Physiology, Biochemistry and Pharmacology.

- Continuing studies of health care needs have been or are currently being conducted by Dr. Kennedy in Northern Albany County, the Little Snake River Valley of Carbon County, and Weston County. These studies involve interviews with families to determine experience with illness and utilization of distant health care services.

A computerized ambulatory care data system is being developed in both of the Family Practice Residency Programs. This will provide a regular flow of data concerning patterns of illness and medical treatment. This will enable us to look at a wide variety of epidemiological problems in a patient population of sixty-five thousand persons. The data system is being developed in collaboration with the Department of Family Medicine at the University of Colorado School of Medicine,

Industrial and environmental medicine are growing disciplines, and with this in mind, we are developing a research protocol that will be submitted to industrial concerns to solicit their financial support for our activities in this area. If this is funded, it could have a significant impact on the science of toxicology as it relates to hydrocarbons or sulfur, and will also cross the barriers of academic divisions, involving atmospheric studies,

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agriculture, physiology and biochemistry. The projected model is exciting and has far reaching implications.

SUMMARY

These, then are the things we do in Wyoming. We believe we do them well; in some areas we do them best. We think we can do them better, and possibly less expensively. Among the things we are investigating are modifications to our existing contracts with out-of-state medical schools and the options provided by a practice plan. When these areas have been completely explored, and we have recommendations, they will be presented to the President for his review.

State Examiner
819 W. Pershing
Cheyenne, Wyoming 82001

Dear Sir:

We, the undersigned, constituting a quorum of the _____
Trustees

of _____ The University of Wyoming

acknowledge receipt of the Report of Examination as above noted, made under
the supervision of your Department.

After careful consideration of this report, we concur with the
Examiner in the suggestions he has made, and we have requested the
officials to adjust their methods in compliance therewith, as attested
by their signatures below, to wit:

No exceptions

A Copy of this acknowledgement has been placed on record with
minutes of our meeting on _____ November 15 _____, 1979 .

XXXXXXXXXX

By Board:

David Taylor
Danell L. Carter
W. L. Thorge

Buendmacle
Patrick J. Quely
James R. Corleby
Carlton Smith
Wayne H. Boyrich
Bob McKeef

MINUTES OF THE
 PHYSICAL PLANT AND EQUIPMENT COMMITTEE
 November 15, 1979

The meeting convened at 8:10 A.M. with Chairman James Nolan presiding.

ROLL CALL Those present, in addition to Mr. Nolan, were Trustees Brodrick, Gillaspie, Smith, McCue, Brown, and Jennings and Messrs. Arnold, Geraud, Hays, Henry, and Jones of the University staff. Also present were Dr. Ksir, Chairman of the Faculty Senate, Robert Corbett of Arena Associates, and Conrad Steller of John W. Cowper Company, Inc. Trustees Mickelson, Coulter, Miracle and Thorpe joined the meeting later.

ARENA-AUDITORIUM BIDS Morris Jones introduced Conrad Steller, representative of John W. Cowper Company, Inc., low bidder on the Arena-Auditorium project, who gave an insight into the background of the company. Mr. Hays presented the following bids which were received on November 13, 1979, explaining each alternate:

	John W. Cowper Company, Inc. Englewood, CO	Westcon Corporation Gillette, WY	Spiegelberg Lumber & Building Co. Laramie, WY and Reiman- Wuerth Co. Cheyenne, WY <u>a joint ventur</u>
Base bid (Includes Laminated Wood Structure Roof)	11,499,000	13,224,000	13,495,013
Alternate A-1, Parking Lot Paving adjacent to building (south & east)	34,000	60,500	40,000
Alternate A-2, Painted acoustical metal deck and insulation in lieu of painted gypsum board	32,850	21,000	40,000
Alternate A-3, Change membrane roofing material to neoprene sheeting	665,000	665,000	43,000
Alternate A-4, Wood floor	87,900	88,500	87,000
Alternate A-5, wood floor	93,000	93,500	93,000
Alternate A-6, Change acoustical thermal insulation to cheaper type	(61,800)	(150,000)	(64,000)
Alternate A-7, Theatre armchair style seating (American)	767,900	757,000	736,000
Alternate A-8, Theatre armchair style seating (Irwin)	720,000	710,000	700,000

Alternate A-9, Theatre armchair style seating (American Desk)	743,000	875,000	866,000
Alternate A-10, Seating	no bid	745,000	no bid
Alternate A-11, Curved plastic laminate cover at bottom of catwalk	9,000	13,500	15,000
Alternate A-12, Convert vacant space under seating to storage rooms (4)	24,700	32,000	27,000
Alternate A-13, Change Performance Bond to 50%	no change	no change	no change
Alternate A-14, Utility tunnel under road	39,000	38,000	41,000
Alternate A-15, Optional additional subsurface dampproofing	no bid	9,000	10,000
Alternate M-1, Deduct heat recovery system	(10,000)	(6,000)	(10,000)
Alternate E-1, Add exterior lighting and selected concourse lights	39,600	40,000	40,000
Alternate E-2, Conduit for concession stand P.A. speakers	2,400	2,350	3,000
Alternate E-3, Electrical portion of Alternate M-1	no change	(400)	no change
Alternate SS-1, P.A. speakers in concourse and basement	(2,500)	(4,600)	(5,000)
Alternate SS-2, Delete portable sound system	(6,500)	(7,500)	(8,000)

The base bid includes the bid of \$1,125,200 by Unadilla Laminated Products for the laminated wood structure roof. The bid specifications for the roof provided an assumed load of 5,000 pounds at the center of the Arena-Auditorium roof for the scoreboard and loudspeakers. Subsequent design of the Arena-Auditorium reveals a different load than originally estimated. Unadilla Laminated Products has requested an adjustment in the bid price to accommodate this change. The different types of seating in alternates 7 through 10 were discussed and it was the consensus that alternate A-7 was the preferable seating because of better supports, cast metal arms and better shape for comfort. Dr. Jennings reported that the relocation of Willet Drive which will be necessary has been discussed in a meeting of University officials and a committee of the City Council and that the City Council will consider approval of the proposal at their meeting on November 20. Mr. Smith moved to recommend to the Trustees that they accept the recommendations from the meeting of University officials and City Council members on November 14, 1979, to dedicate a portion of property north of the

present Willet Drive from the Arena-Auditorium to Twenty Second Street contingent upon the vacation of the existing Willet Drive in that area. Mr. Brodrick seconded the motion and it carried. Mr. Brodrick moved to recommend to the Trustees that a contract be awarded to John W. Cowper Company, Inc., of Englewood, Colorado, for a total of \$12,536,550, subject to adjustment for the roof, the amount of that change to be approved by the Executive Committee, to include the base bid, additive alternate A-1, A-2, A-5, A-7, A-11, A-12, A-14, E-1, and deductive alternate AA-1, and rejecting alternates A-3, A-4, A-6, A-8, A-9, A-10, A-13, A-15, M-1, E-2, E-3 and SS-2, with funding for alternate A-14 to be charged to the Power Plant project. The motion was seconded by Mr. Gillaspie and it carried. Mr. Smith suggested that a vote of thanks be given to all those who participated in this project.

SEWER LINE BIDS
TORRINGTON RESEARCH
AND EXTENSION CENTER

One bid was received on November 8, 1979, from Scott & Son, Inc., of Torrington, Wyoming, for construction of a sewer line at the Torrington Research and Extension Center in the amount of \$47,665.13. Mr. Gillaspie moved to recommend to the Trustees that a contract be awarded to Scott & Son, Inc. for \$47,665.13. Mr. Coulter seconded the motion and it carried.

EASEMENT FOR POWER
LINE, TENNIS COURTS

Mr. Smith moved to recommend to the Trustees that they grant an easement to Pacific Power and Light Company for an underground power line to the tennis courts that are being enclosed following review of the specifications by Mr. Geraud. The motion was seconded by Mr. Gillaspie and it carried.

EASEMENT FOR POWER
LINE RELOCATION
TORRINGTON RESEARCH
AND EXTENSION CENTER

Mr. Gillaspie moved to recommend to the Trustees that they grant an easement to the Town of Torrington to relocate a power line on the Torrington Research and Extension center subject to review by Mr. Geraud. The motion was seconded by Mr. Smith and it carried.

