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RECORDS SERIES TITLE <i>Calif. Univ. President Corros. Papers</i>	
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NOTES <i>and Div. Med. Physics 2 of 97</i>	
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250 - Med. Phys
BERKELEY SCHOOL OF PUBLIC HEALTH

September 22, 1953

President Robert G. Sproul
250 Administration Building
Campus

Dear President Sproul:

Your State-wide Committee Advisory to the Division of Medical Physics held two meetings, the first on March 12 and the second on April 21. At the first meeting C. E. Smith was elected Chairman. As Dean Stafford Warren found it impossible to attend the Committee's meetings, Dr. John S. Lawrence, Chairman of the Department of Medicine of the School of Medicine at U.C.L.A., succeeded him and attended the second meeting.

As Chief of the Division of Medical Physics and Director of Donner Laboratory, Dr. John H. Lawrence provided the Committee with reprints of Departmental publications and abstracts of work in progress. The members of the Departmental staff presented brief discussions of their investigations. The Committee also inspected the Donner Laboratory. As a result of these reports and inspections the Committee deems that the Division of Medical Physics and the Donner Laboratory:

1. Are engaged in a broad array of high quality basic investigations in the area of bio-physics which use resources of the Berkeley Campus;
2. Utilize man only incidentally and as a part of these fundamental studies;
3. Are alert to hazards of radiation and are responsible for the protection against radiation of all A.E.C. projects at Berkeley and Livermore. In this connection:
 - a. "Heavy dose" radiation or external radiation to man is not to be used, thus obviating the necessity of a specialist in this field although (2) roentgenological consultants are on the staff;
 - b. The Division and the associated Donner Laboratory are nationally recognized leaders in training those responsible for the use of isotopes;
4. Have a resource of qualified medical experts who are appointed as Consultants to the Metabolic Unit of the Donner Laboratory to aid in handling specialized medical problems which may arise;

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5. Are gravely overcrowded and in need of the additional space contemplated by a proposed expansion by a wing to Donner Laboratory for which architects have been appointed.

In discussing these points, the Committee is cognizant of two problems which have concerned the University. First is duplication of facilities. With the completion of the new School of Medicine in San Francisco, could not all human isotope studies be transferred there? It has been previously decided that this is not now feasible. Patients are used only incidentally and forbidding their use at the Donner Laboratory would jeopardize the rest of the investigative program. Moving the entire program to San Francisco not only is physically impossible but also would deprive it of the services and rich resources of the Berkeley Campus. As Professor Althausen summarized, "We cannot turn back the clock."

The second problem which has worried the University is the safety of patients. Having all patients in our San Francisco University Hospital would be a solution, but as has been indicated, is not practical. In the past reliance has been made on "joint appointments" between the Division of Medical Physics of the Department of Physics and the Department of Medicine of the School of Medicine. While theoretically feasible, this plan has not proved practical. The pressures of obligations in Berkeley have not permitted those with joint appointments to fulfill their obligations as members of the Department of Medicine and only rarely has it been feasible for those in San Francisco actually to supervise patients in Berkeley. Dr. Althausen pointed out that the quality of the medical profession in the East Bay has achieved, during the post-war period, a level permitting the appointment of readily available consultants able to assume responsibility in the event of medical emergencies. Such a group of highly qualified Consultants already is appointed for the Donner Metabolic Unit. They are being used for the occasional medical problems of these patients. The Committee deems it inappropriate to expect the Department of Medicine of the School of Medicine to be held responsible for the safety of patients which it cannot exercise but which can be provided by outstanding East Bay medical specialists.

During the Committee discussions Dr. Althausen also pointed out other aspects of the impracticality of the current "joint appointment" arrangement. Since the faculty members of the Division of Medical Physics cannot participate in the teaching and other responsibilities in San Francisco to the extent to which their appointments obligate them and since their publications have not been submitted for review to

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the publication committee of the Department of Medicine, tension and dissatisfaction were inevitable.

As a result of these frank, realistic discussions, the Committee recommends the following:

That both the Division of Medical Physics and the Donner Laboratory, with its status as an Institute, be completely separated from the Department of Medicine of the School of Medicine.

As corollaries the following developments would be anticipated:

- a. When appropriate, appointments not only from the Division of Medical Physics but also from other Departments, Schools and Colleges from all Campuses could be made to the Donner Laboratory.
- b. Faculty members now at the Donner Laboratory, all of whom currently serve principally as members of the faculty of the Division of Medical Physics, would be expected to continue to derive their appropriate academic appointments from that Division and Department. Resigning from their unrealistic appointments in the School of Medicine, doubtless some would be appointed "Lecturers" in the School of Medicine, obligations which they would gladly fill. Other realistic appointments from the Division of Medical Physics to appropriate Departments in the Medical School not only would be permitted but also would be encouraged. Similarly, appointments from Departments in the School of Medicine to the Donner Laboratory could be continued and others made. These changes will clarify academic relationships including responsibility for publications and implied responsibilities for programs of research.

The School of Medicine no longer would have any responsibility for the safe care of patients. This responsibility should be that of the Director of the Donner Laboratory aided and advised by medical consultants to the Metabolic Unit of the Donner Laboratory. The Committee believes that under present conditions this change will increase rather than diminish the safety of patients.

The Committee deems that these changes are in accordance with the current program and leadership of the Division of Medical Physics and of the Donner Laboratory. However, it recognizes that if the program or leadership should change, problems might arise. Two examples may be cited. First, the use of man might be increased beyond its current incidental level and, indeed, constitute an opening wedge for still another School of Medicine.

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Second, programs such as heavy dose or external radiation might be embarked upon, which would be beyond the capabilities of the current personnel. Fortunately, in this Committee, the University has created a sentinel obligated to scrutinize the program and to report any such trends.

In rendering this report, the Committee believes that it has followed the sense of its directive and that these recommendations will foster effective, harmonious interdepartmental relationships in this field of medical research. Moreover, after you have reviewed this report, if you deem it appropriate, this Committee would welcome consideration of its policy recommendations by the Intercampus Committee on Medical Teaching and Research.

Sincerely yours,

T. L. Althausen
T. L. Althausen

W. G. Donald
W. G. Donald

G. H. Hart
G. H. Hart

H. E. Jones
H. E. Jones

J. H. Lawrence
J. H. Lawrence

J. S. Lawrence
J. S. Lawrence

R. S. Stone
R. S. Stone

C. E. Smith, Chairman
C. E. Smith, Chairman

Miss Robb: 4/15/54

Membership of the
Academic Senate Ctte.
"Advisory Ctte. on Inter-
Campus Medical Teaching and
Research" is as follows:

C. E. Smith, Chr.
G. H. Hart
J. H. Lawrence
E. W. Page
W. O. Reinhardt
J. F. Rinehart
W. M. Stanley

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