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721659

January 18, 1943

John H. Lawrence, M. D.
Donner Laboratory of Medical Physics
Berkeley California

Dear John:

It's good to know from your letter of January 14th that you are so busy in war medical problems. You better have available a copy of Y. Henderson and H. Hagar's "Noxious Gases" (American Chemical Society Monographs Series, N. Y. 1927), and also a copy of G. Wachtel's "Chemical Warfare" (Chemical Publishing Company, Brooklyn, New York, 1941).

The best protection, of course, is good hoods with powerful suction, and then regular gas masks. You should have available an oxygen therapy apparatus. One must be very careful to permit full healing under oxygen administration in the case of phosgene or similar injury to the lungs.

Merck & Company have issued an excellent brochure on Emergency Treatment. I am confident they will send you a copy, were you to ask for one.

It is not easy to get drugs giving arterial or venous dilatation or vasoconstriction without other effects. However, I'll look into it and write you.

Here's hoping that the Biophysics Department comes along. I'll be out next week, and I'll see what I can do to help.

With best wishes as ever,

Faithfully yours,

Chauncey D. Leake

ODL:vg

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UNIVERSITY OF CALIFORNIA

DONNER LABORATORY OF MEDICAL PHYSICS
BERKELEY, CALIFORNIA

January 14, 1943

Dr. Chauncey D. Leake
Vice President
University of Texas Medical School
Galveston, Texas

Dear Chauncey:

Thank you very much for your nice letter of January 5th and for your general remarks regarding our program here. We are busier than ever now on war problems in the field of aviation, gas warfare and wound healing. Only the other day a matter came up which I would like to mention right now and that is the treatment of persons exposed to poisonous gases.

One of the boys got a questionable overdose of phosgene and this brought up the question of having available the books or monographs which could be read by the chemists. Do you have any lectures or monographs or text which you could recommend covering this general field, particularly regarding emergency treatment.

In some aviation studies that we have been carrying on we have become interested very much in pharmacological preparations which might constrict or dilate arterioles. Are there any specific drugs which you might suggest to give arterial or venous dilatation or vasoconstriction without any side effects. We have just completed a new building north of Donner and in it are two low pressure chambers accommodating about twenty-five men. These chambers, I believe, are going to be very useful in studies in the field of anoxia and physiology; we are now beginning to run several hundred Air Corps Reserve boys. Planes are flying so high now, as you know, that more and more medical problems are arising. Undoubtedly, in Texas you have similar studies going on. I wish we were closer to some of your army air fields.

I hope sometime in the not too distant future to be coming through Texas and I am very anxious to drop in to see you. I have not seen Pecher's article yet but we are getting one from the U. C. Press today. I do not know where the block is in the establishment of a Bio-Physios Department but I appreciate very much your efforts along this line. I have just recently written the President also regarding this matter and I hope he will do something about it soon.

Thanks again for your letter and hoping to see you soon,

Sincerely,

John E. Lawrence
John E. Lawrence, M. D.

JHL:R 1158344

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February 23, 1944

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John H. Lawrence, M. D.
Donner Laboratory of Medical Physics
University of California
Berkeley 4, California

Dear John:

Thanks for your letter of February 16th. It's good to know that things are going so well with you and that the work is keeping up so admirably. We think of you often, and we hope that one of these days we'll be in a position to invite you here for a real session with us. We need your inspiration.

All our students except women and 4-F's are already in the Army or the Navy training programs. The best we can do ~~is~~ suggestion for someone to come to work in the Donner Laboratory is to try to get some Army or Navy student to take nine months with you in lieu of an internship. I don't know whether the Army and Navy will accept service with you in lieu of an internship, but if so, we could probably make an arrangement to have somebody get to you around the first of July.

It sounds like an admirable opportunity, and I'm sure that we could find a well-trained student to consider the matter. However, we'd have to be sure that the Army or Navy would be satisfied with the setup.

We're greatly enjoying Eric Ogden in Physiology. He's a real stimulus. Now we're trying to get Ralston. I don't see how you can let such swell fellows go!

Here's best to you all as ever.

Faithfully yours,

Chauncey D. Leake

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DIVISION OF MEDICAL SCIENCES

COMMITTEE ON AVIATION MEDICINE

ADDRESS REPLY TO

Donner Laboratory of Medical
Physics, University of California,
Berkeley 4, California
February 16, 1944

Chauncey D. Leake
Dean of Medical School
University of Texas
Galveston, Texas

Chauncey
Dear Dean Leake:

We have a group of men working on aviation medical problems and are carrying on investigations on animals and on human subjects, chiefly in the field of high altitude physiology. Much of our work is done in our low pressure chamber and some of it is done in air-planes at high altitudes. During the past year and a half, two of our men have gone into the Army and Navy air forces after receiving a preliminary period of training with us in aviation medicine. We now have another young MD who, after a period of research training with us, will enter the Army Air Corps to become a flight surgeon and we are on the look-out for another medical man who would be interested in such a position to take his place for six months or more. Then after this period of training with us, he might want to enter one of the services. He would gain a background in aviation physiology and medicine, and, at the same time, get some experience in physiological research and would learn the various methods for the uses of artificially radioactive isotopes in biological and medical investigation.

If you have in mind a member of your staff, either an interne, an assistant resident, or instructor who might fit into such a program, we should appreciate hearing from you. The work is carried out under a contract with the Committee on Medical Research of the OSRD and usually there is no difficulty in arranging deferment for the man concerned.

Thanking you for any assistance you may be able to give us,

Sincerely yours,

John H. Lawrence
John H. Lawrence M. D.

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December 3, 1945

Dr. John H. Lawrence
Donner Laboratory of
Medical Physics
Berkeley 4, California

Dear John:

Thanks greatly for your letter of November 27th. We understand, of course, how busy you are. Thanks for your suggestions. However, we really want you! Perhaps you can come this way or return through here in connection with your trip to the University of Tennessee in April. You can make fairly satisfactory connections at Dallas for Houston and Galveston. We certainly would like to have the pleasure of a visit from you. It would be a great stimulus to us.

Here's hoping everything goes well with your work. Encourage your associates to do all the writing they can! Now is the time to get out the accumulated reports! It is most important that we begin to exchange knowledge in the usual way. Our civilization will certainly disintegrate if scientist do not appreciate the importance of maintaining the ideals of scientific work, particularly in respect to the full exchange of scientific knowledge.

Here's best to you all. We think of you often and hope that everything continues to go to your satisfaction.

Faithfully yours,

Chauncey D. Leake
Vice-President

CDL:ds

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UNIVERSITY OF CALIFORNIA

LABORATORY OF MEDICAL PHYSICS
RIVERSIDE, CALIFORNIA

November 27, 1945

Dr. Chauncey D. Leake, Vice President
The University of Texas Medical Branch
Galveston, Texas

Dear Chauncey:

Your letter of November 18, 1945 has just arrived, and I hasten to answer it. Your very attractive offer is very appealing, and my inclinations are to accept it for many reasons - among them being the great pleasure of seeing you and spending some pleasant hours with you again.

However, there are two reasons why I should not accept your flattering offer, and they are first that during the war we have necessarily diverted our activities to wartime problems and now are trying to get back to peacetime research. In getting this program going, I feel that I should stay here just as much of the time as possible - particularly in view of the fact that I have agreed to give some lectures at the University of Tennessee in April, and it does not seem right for me to be away any more of the time during the next few months. The amount of administrative work that I have to do is a terrible problem, and I need as much time as possible to carry on research.

Among men that I know whom you might be interested in taking on this part of the program are Dr. Stafford Warren, Professor of Research Medicine at the University of Rochester Medical School, and Dr. Shields Warren, Pathologist at the New England Deaconess Hospital, Boston. Both of them have had extensive experience in the biological effects of radiation, and the former, as you of course know, has had considerable experience with fever therapy and also has had charge of the protection of the health of men working on the atomic bomb project. Likewise, Dr. Shields Warren will have some information on the radiation effects of the atomic bomb since he, as a Navy officer, is now visiting the Hiroshima site to get the story on these effects.

Naturally I am very flattered that you should think of me, and some day I certainly am going to make every attempt to pay you a visit. Perhaps when I go to Tennessee I could get off the plane in Texas and visit the Vice-President of the University of Texas - that certainly would be a pleasure!

Again with thanks, and looking forward to seeing you again,

Very sincerely,

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Allen

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January 30, 1943

John H. Lawrence, M. D.
Donner Laboratory
University of California
Berkeley 4, California

Dear John:

It's good to know that Amy is coming with you and that you are bringing Miss Tatjo. We are reserving a double room and a single room at the Hotel Galvez for you. We really hope that we'll have some good weather so that you'll have a royal good time! Right now we are having a freeze, and while it is very beautiful, we don't like the thought of the loss of our palms and oleanders.

It seems to me that it would be very worthwhile to show the 16 mm color sound film of the bikini affair. It think it would be most appropriate for the dinner meeting, and I think it would go over well. We have the facilities for showing it, and I think it would make a very fine feature for the occasion. We're all looking forward with joy to seeing you.

Faithfully yours,

Chauncey D. Leake
Vice-President

CDL/pkp

P.S. Be sure to let us know when you expect to arrive

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UNIVERSITY OF CALIFORNIA

DIVISION OF MEDICAL PHYSICS
DONNER LABORATORY
BERKELEY 4, CALIFORNIA

January 24, 1948

Chauncey D. Leake,
Vice-President
The University of Texas- Medical Branch
Galveston, Texas

Dear Chauncey:

Thanks very much for your letter of January 17th, and we are looking forward to our visit in Texas. Amy is coming also and in addition Miss Paul Fatjo, a very attractive young lady from San Francisco will be with us.

We are going by Los Alamos for a couple days on the way down. I have just written Dr. Duncan as you suggested regarding details, and I am wondering what type of talk I should try to give at that dinner meeting. I suppose the audience will be a mixed one and the talk should be short and semi-popular. If you have any suggestions I certainly would appreciate having them.*

Very sincerely,

John H. Lawrence
John H. Lawrence, M. D.

JHL:mjh

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* a year ago more I gave a couple of talks to Medical Societies and showed the Behmifilm. I think the 16 mm color sound film - has been seen by most people now - so it probably will not be of interest. Also - does one wear a dinner