

UNIVERSITY OF ILLINOIS
COLLEGE OF LIBERAL ARTS AND SCIENCES
DEPARTMENT OF PHYSIOLOGY
URBANA, ILLINOIS
U. S. A.

NATURAL HISTORY BUILDING
TELEPHONE: 7-6611, EXT. 3040

May 4, 1953

Dr. Alberto Hurtado
Instituto de Biologia Andina
Facultad de Medicina
Lima, Peru

Dear Dr. Hurtado:

Thank you for the letter you sent me while you were in Boston. I feel satisfied that I can now make a rather definite statement concerning my plans while I am in your laboratories.

If agreeable to you, I would like to study the colon activity as well as the oxygen transit time between the stomach and the rectum. I would also like to determine on Gastric Secretions such things as Ph, titratable acidity and chlorides. I feel that this experiment should first be repeated daily for at least five days a week for a total of three weeks at your laboratory in Lima and then again in the same manner in the Morococha laboratories at 14,900 feet.

I expect to do these experiments on myself, and if there are one or two native residents around the laboratory at Morococha who would be willing subjects, I would be happy to use them to serve as controls. I anticipate that the only equipment I will need, other than equipment to make gas analyses and a Ph. meter, is my recording equipment for measuring colon activity. This consists of a rather compact strain gauge, amplifier and millimeter recording set up. This I can take with me without any trouble. I feel that the only space I will need is that necessary for a cot to lie on while making my recordings and a small area to make analyses of the collected flatus and gastric samples.

I have started negotiations with one of our local ticket offices with the understanding that I leave Chicago on June 24th by Pan American Airlines via Miami and arrive in Lima around 11:00 P.M. the night of June 25th. These arrangements are not exactly definite because final verifications of these arrangements have not as yet been made.

I will keep you informed as to any further developments that arise.

Sincerely,


F. R. Steggs