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Notes	
Found By <u>Karen Holmes</u>	
Dates <u>1962-1975</u>	

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BERKELEY: DONNER LABORATORY AND DONNER PAVILION

Dr. James L. Born

January 22, 1962

Re: Test subjects

Dear Jim,

The K^{40} project is the only study I have at present that calls for subjects who should receive payment. In addition to me, the project involves Dr.'s T. Sargent, H. Parker, and R. Ganatra.

It is our intention in this study to resolve certain technical problems in whole body K^{40} counting and to evaluate its significance, particularly its validity as a direct means for measuring lean body mass. Measurements to be made on subjects include:

- K^{40} counting
- K^{42} counting
- Body density
- Total body water with tritium.
- Serum potassium

The procedures require the subject to remain in the Laboratory a full day (8 hours) and occasionally to return for an hour the following morning. Potassium- 40 and K^{42} counting consume most of this time. Urine samples are taken at intervals over a period of 24 hours, but the subject need only return the specimens in the vials that are given him. At least one blood sample is required for serum potassium (to determine exchangeable potassium) and for tritium assay.

At present the study calls for 10 healthy, young men. It is our understanding that \$25.00 is reasonable compensation for the time, inconvenience, and blood withdrawals required of these subjects. It is also difficult to get subjects for less than this amount.

Sincerely,

William Siri

William Siri

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