

UNIVERSITY OF KANSAS

LAWRENCE

DIVISION OF PHYSICAL EDUCATION AND
INTERCOLLEGIATE ATHLETICS

Oct. 30, 1937.

Dr. Forrest C. Allen,
Director of Physical Education,
Campus.

Dear Dr. Allen:

This letter is to confirm our discussion
of Monday, October 25th.

As you will recall we mentioned briefly
the subject of my M.A. degree which I shall receive this
year. I am working on a time accuracy ratio similar, if I
may say, to the I.Q. of psychology tests. I shall attempt to
arrive at this time accuracy ratio on the basis of a physical
test, I am giving, i.e., having advanced fencers and elemen-
tary fencers lunging at a target which is approximately divided
into the body areas of actual fencing. Both the accuracy, which
we shall record by means of connected area lights which flash
when the area is hit by the foil, and the time (or speed) which
is recorded on a modified Hipp-chronoscope shall be taken before
and after a designated amount of actual fencing.

An extremely important and interesting part of
this will be some general intelligence tests which the subject
will take before he begins the physical part of the experiment
and then after he has finished the experiment. It is hoped that
we may make a start to measuring a psycho-physical ratio. In
our preliminary work thus far we have found that in every tested
case the individuals are mentally and physically more alert after
we've worked them, i.e. fenced them, for 10 minutes than before
they started to fence. Hence we may offer that physical activity
is beneficial to mental activity.

Also you will recall that we spoke of the possibility
of developing a graduate school and award M.A. degrees. As you surely
know, with my advanced degree I shall be able to supervise other M.A.
degrees. Also with the special training in the field of physical
education and psychology and research I may be able to help to conduct
further research. I feel certain that with yourself, Dr. Allen, and
with Professor Elbel, Dr. Lapp and myself we can develop a real center
for physical education both on the undergraduate and graduate level.