

April 11, 1940

Dear Dr. Shannon:

On the recommendation of the professors of the School of Mathematics of the Institute for Advanced Study it gives me great pleasure to invite you to become a member of the Institute for the academic year 1940-1941.

We all look forward with great pleasure to having you here next year and we will be glad to do anything we can to make your stay here pleasant and profitable.

Yours sincerely,

FRANK AYDELOTTE, Director

Dr. Claude E. Shannon
19 Garden Street
Cambridge, Massachusetts

FA/MCE

copy L.B.

Dear Marie:

Prof. Weyl has also received a letter from Dr. Shannon and plans to accept him, so it is now in order to send him this information. Prof. Veblen mentions that the National Research Council expects its fellows to get letters of acceptance from the heads of institutions where they will work.

G.B.

19 Garden Street
Cambridge, Mass.
April 7, 1940

Office of the Dean
Institute for Advanced Study
Princeton, New Jersey

Dear Sir:

I have been awarded a National Research Fellowship in mathematics for next year and would like to take it at the Institute for Advanced Study, although I have not made a final decision on this matter. I propose to work on the application of higher algebra to theoretical genetics, a continuation of my doctorate thesis at Massachusetts Institute of Technology this year, and have written Dr. Weyl asking him to supervise this research. I should like to have your permission to carry out this work at the Institute for Advanced Study. Thanking you in advance, I remain

Respectfully yours,

Claude E. Shannon

Claude E. Shannon

May 23, 1940

Dear Professor Harrison:

Many thanks for your kind letter of May 16 concerning ~~Dr. Shannon~~. It gives me pleasure to inform you that Dr. Shannon has communicated with Professor Weyl and has been admitted as a member of the Institute for next year. We are looking forward with great pleasure to having him here.

Yours sincerely,

FRANK AYDELOTTE, Director

Professor Ross G. Harrison
National Research Council
2101 Constitution Avenue
Washington, D. C.

FA/MCE

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IN THE NATURAL SCIENCES

May 16, 1940

Dr. Frank Aydelotte, Director
Institute for Advanced Study
Princeton, New Jersey

My dear Doctor Aydelotte:

I beg to inform you that of the men appointed to National Research Fellowships at the March meeting of the Fellowship Board in the Natural Sciences, the following named has indicated that he wishes to conduct his Fellowship activities at the Institute for Advanced Study:

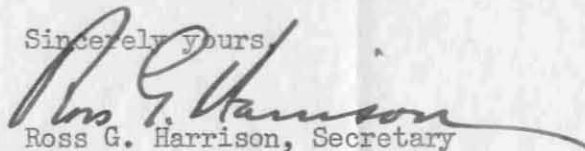
SHANNON, CLAUDE ELWOOD (Ph.D. in Mathematics, Massachusetts Institute of Technology, 1940). For a 12-months' period beginning on or about November 1, 1940. Subject: A non-associative algebra applicable to dynamics of Mendelian populations.

It is our understanding that Mr. Shannon has consulted with Professor H. Weyl, under whose supervision he desired to work, as to the convenience and suitability of such a procedure.

The Fellowship Board will be very appreciative of any privileges and courtesies extended to Mr. Shannon.

We are sending a copy of this letter to Professor Weyl.

Sincerely yours,



Ross G. Harrison, Secretary
Fellowship Board in the Natural Sciences

md

*Mr. Shannon has
been admitted
m.e.s.*