

1932

10/22
12/5

SCHOOL OF MATHEMATICS

Academic Organization

FELLOWSHIPS

Academic Personnel

JESSEN

Biographical

✓ BOHR, NIELS

TISDALE

Flexner to Veblen, October 22, 1932.

"I am sending you herewith Professor Bohr's extraordinary letter in reference to Jessen. I hope very much that the plan will work out so that he can be with you at the beginning of our first regular year's work. The Rockefeller stipend would be an ideal arrangement."

December 5, 1932, a telegram, Flexner to Veblen.

"Tisdale writes me that he has awarded Jessen a Fellowship to work with you next year also that he expects to send us a regular supply of Fellows. Greatly enjoyed my stay in Princeton."

File V-5

BOHR, HAROLD

Biographical

✓BOHR, NIELS

Both were extremely active in assisting scholars who fled Germany in getting positions elsewhere in the world 1933 on. Thus Harold Bohr carried on a long correspondence with Flexner in 1933 and with Veblen also about placing Courant. It seems clear from other files that Veblen hung back on this and that Flexner was eager to make the provision. It is not clear that Flexner was responsible for Courant's opportunity to go to New York University.

Again in 1938 a typical letter from Niels Bohr to J Veblen:
"I am sorry not to have written you for such a long time, but I have been very occupied all this winter with the organization of the Institute and with my own work and I have also had to give much time and thought in connection with the sad development in the world which is ever bringing more scientists in difficulties." ~~xxxxxxxxxxxx~~ He agreed to come to Princeton in the spring of 1939 which he did.

On December 1, 1938, Veblen informed Harold Bohr, apparently officially, that the resignation of the American editors (Zentralblatt) was mailed November 22, 1938.

It was Harold Bohr who promoted the membership of Neugebauer at the Institute.

Aydelotte cabled Bohr: "Through generosity Rockefeller Foundation offer you visiting professorship for one year Institute for Advanced Study effective immediately; salary \$8,000 plus \$1,000 traveling expenses."

The cablegram was telephoned by Professor Veblen to Honorable Joseph E. Davies of the State Department to be transmitted through State Department channels. Davies said they would make an effort to get it through the first thing in the morning and report to Aydelotte on the results of the effort. This move was initiated by the Institute in a request to Mr. Fosdick and Mr. Weaver. (This was two days after the invasion of Denmark). Davies was unable to get the message through to Bohr, but had received word otherwise that Bohr

planned to remain in Denmark for the time being.

By October, 1943, it seemed apparent that Niels Bohr had escaped to Sweden. The Germans occupying Denmark were beginning to arrest Semites. His purpose in remaining in Denmark to protect these German refugees was no longer serviceable. The Institute then moved promptly with Courant and the Rockefeller Foundation to assure transportation of Harold and Niels and the families to this country.

It seems apparent from letters from Warren and Weaver October 8, 1943 and Courant October 6, 1943 in the file that Veblen and Courant were very eager to bring Harold in on an invitation which it was agreed would go out to Niels.

Strauss discussed Niels Bohr's coming with Vannever Bush who thought that if both men came to the Institute, the Institute would find them very shortly being bidden away anyway, so the implication was no one needed to be too concerned about guaranteeing their expenses.

October 16, 1943, Vaneever Bush to Aydelotte: "I have heard directly that Niels Bohr who is now in England is to become connected in some way with the matter, which I do not yet quite understand, but which will prevent him from accepting an invitation from the Institute for Advanced Study. I gathered that he might visit this country, however, in this other connection. Undoubtedly Bohr, himself, will write you, but I thought you might care to have this early word that he probably will not accept. I heard also, however, that his family had escaped to Sweden which is good news."

October 21, 1943, Vaneever Bush to Courant. It is true that Captain Strauss is willing to underwrite bringing Harold Bohr to this country. Bush was sure he could be fitted into the war effort at some point. Not sure where because ~~xxxx~~ men are not citizens of this country, so Bush arranged with Strauss it would be quite in order to bring both these men over here if it worked out appropriately from other considerations.

Bush says he also learned of the moves by the Rockefeller Foundation and by the Institute for Advanced Study; also understands M. I. T. is making some sort of move along the same lines. Bush concludes the men will be taken care of.

Bush says he didn't know Aydelotte had gone to England, but that Richard Tolman is there for matters of interest to the National Defense Research Committee, and that Tolman had planned to get in touch with Bohr "primarily from a personal standpoint because of his interest in Bohr's future."

Harold Bohr stayed in Sweden supported in part by the Rockefeller Foundation as Research Professor at Stockholm's Högskola.

December 20, 1943, Aydelotte informed Hanson of the Rockefeller Foundation that Bohr was coming to stay with him for a few days. He thinks Bohr will take the Institute position which is formally offered on December 22, 1943. On February 22, 1944, Bohr writes thanking Aydelotte for his kindness to him and his son before Christmas and saying that he is not yet able to say whether he can accept the Institute's invitation; his action depends on various arrangements not yet settled. He is staying at the Danish Legation in Washington.

D, Harold and Niels Bohr Files

1933

9/12

COURANT, RICHARD

Biographical

FLEXNER, A.

✓ BOHR, N.

Flexner to Courant. Says he has cabled Bohr he has
obtained invitation for Courant, half time at Princeton,
half time somewhere else at \$6,000.

11-5

5/19
 5/31
 6/14
 6/23

STIPENDS

Academic Personnel

✓ BOHR, NIELS

Biographical

Veblen to Flexner (May 19, 1937):

Veblen writes that he has heard through von Neumann that Flexner approves of Veblen's making an offer to Niels Bohr. Veblen says he prefers to wait to hear directly from Flexner. The offer was for \$6,000 for one term and Bohr accepts in principle for the autumn term. Veblen says he will be glad to write Bohr a formal invitation, or if Flexner wishes to do that Veblen will write Bohr informally, as he wants to suggest that Bohr see Simon Flexner at Oxford to talk over international fellowships, etc.

Veblen seems to prefer listing distinguished visitors as "members" rather than as "visiting professors" and hopes this will be done in Bohr's case.

Flexner to Veblen (May 31, 1937):

"I assume that you have not mentioned a definite salary to Bohr. It seems to me that your suggestion of \$6,000 for a three months' term is excessive, for it amounts to \$12,000 per annum when we have never given a visiting professor about \$10,000, and my impression is - though as to this I may be mistaken - that in conversation with you or von Neumann or both, I made the suggestion that visiting professors should be invited on the basis of \$1,000 per month. If Bohr spends three months in America, it seems to me that he would be reasonably recompensed with a salary of \$3,000 plus perhaps his transportation from Stockholm to Princeton and return, the latter being an addition to anything that we have paid heretofore, but I think it not unreasonable to add this in the case of a person who comes for a brief period."

Veblen to Flexner (June 14, 1937):

"My letter to Bohr did specify \$6,000 as the salary for one term. This was, however, not at my suggestion because the whole matter was initiated and the terms laid down by yourself. You will probably recall that after an interview with one of the temporary members, you came to feel that our work in theoretical physics ought to be strengthened, and transmitted through von Neumann a request that I should write to Bohr. I composed a letter embodying your suggestions and brought it to a meeting of the Buildings and Grounds Committee which was held in New York on March 26. You read it over carefully and made one or two changes. I then went to Mr. Maas' office and had it typed and sent it off in the hope of reaching Bohr before he sailed from San Francisco. I asked Miss Blake to send a copy of the letter to Mrs. Bailey..

"I am recalling these matters in detail because I should never have thought of mentioning a stipend to Bohr without very explicit authorization. Nevertheless, I am convinced that your original suggestion was the right one." He goes on to say that if Bohr does come he hopes he will spend most of his time at the Institute and not traveling and lecturing. He thinks a generous salary may have an influence in this direction. He then suggests that Flexner write to Bohr himself in the capacity of the director.

Flexner to Veblen (June 23, 1937):

Flexner apologizes to Veblen for not examining the correspondence more carefully before writing to him as he did, for upon doing so he found that \$6,000 was the agreement and therefore, he would abide by it. He wrote to Bohr to that effect. "I quite agree with you that in view of the size of the honorarium Bohr should practically confine himself to Princeton during the term."

1937

NOTES

May 31 - June 23

SCHOOL OF MATHEMATICS

Academic Organisation

STIPENDS

Academic Personnel

✓ BOHR, NIELS

Biographical

VEBLER, O.

PLEXNER, A.

THERE IS correspondence ~~xxx~~ between the two, and concern the amount of the stipend offered to Bohr. Flexner criticizes Veblen for offering Bohr \$6,000 for one semester, and says it should be \$1,000 a month. Veblen replies that it was Flexner, himself, who set the amount, and Flexner, after reviewing the conversation, gracefully bows and says that this is true. Then he suggests that Veblen in writing his personal letter to Bohr explain that it is the practice of the regular members of the staff who are, likewise, well paid, to do no work outside the Institute.

~~V. File, Flexner, Abraham~~

IV - 4

1937

July 3

July 9

SCHOOL OF MATHEMATICS

Academic Organization

✓ BOHR, NEILS

Biographical

VEBLEN, O.

FLEXNER, A.

RIEFLER, W.

DIRAC

Veblen replies to Flexner's capitulation on the subject of Bohr's stipend, and asks whether anything has been done about Dirac.

Veblen to Flexner, July 3, 1937.

Dirac has been waiting to go to Russia, but Veblen doubts he should go to Russia considering the circumstances there. Dirac and Bohr are great friends, and it would be fine to have them both at Princeton at the same time. Then he asks a question. Last night he saw in the paper Morgenthau has

asked Riefler to take charge of the gold buying of the government. Does that mean that Riefler would have to be in Washington, or will it be merely incidental to his other activities?

Flexner to Veblen, July 9, 1937.

I have done nothing about Dirac, nor am I until there is an increase in funds. Even so, Riefler has first call on the next million or two.

Treasury
"The newspaper account you refer to is totally wrong. Morgenthau¹ pleased with Riefler's account of the situation abroad, offered him a handsome honorarium and an official part-time connection with the University; he promptly declined both on the ground that, (1) he was on a full-time salary (not counting strictly high-grade educational or scientific work out of term), and (2) a Treasury post would put him in politics in appearance, if not in fact. When he reported the interview to me, I wrote Morgenthau reiterating his (Riefler's) and our position. ~~He~~ In reply, M. ~~said~~ *advised* that he wished there were more such. I added that anyone in

the Institute was free to say what he thought, but that no
one would be responsible even in appearance for ~~any~~ ~~politics~~ ~~any~~
'politics'.

~~V File, Flexner, Abraham~~

IV - 20

2/14

STIPENDS

Academic Personnel

SALARIES

Financial

BUDGET

BOHR, NIELS

Biographical

GODEL, KURT

Extra copy of letter from Fleanner to Veblen re Bohr, Godel and budget.
File IV-39

Filed under Academic Personnel, Stipends

See STIPENDS - Academic Personnel

JULY

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BUILDINGS AND GROUNDS

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GENERAL

✓ BOHR, NIELS,

VEBLER, C.

FLEXNER, A.

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Biographical

Flexner to Veblen.

Mr. Damberger has indicated his willingness to increase the amount available for a building to what Mr. Hanes regards as a sum which will enable him to procure for us a building which will be adequate to our needs, dignified, and satisfactory in equipment, etc. It will, Flexner presumes, be necessary to reduce the size of the studies, but Flexner is not surprised. "I have never thought that we could

build on the scale of the memoranda with the sum of money which we are justified in putting into bricks and mortar." He feels it's more important now than ever to save every dollar for endowment, but, of course, the building must be worthy.

In the Manchester Guardian of June 3, 1938, contains a long article on recent developments in higher education in the United States in which the Institute figures most prominently.

The outlook in the matter of income is even less favorable ~~when Flexner went away~~ than it was when Flexner went away. The New York State Insurance Department has written off about \$3,000,000,000 of railroad bonds which have hitherto been regarded as proper investments for savings and banks and insurance companies.

Flexner is now doubtful about being able to finance Rosenfeld's trip from Europe with Bohr, because income for the Institute has dropped. "I'd know my disposition would be to do everything that you and your associates and men like Bohr wish, but until business impr oves and the November elections

the situation, will have to be tight and strong.

V File, Plenner, Abraham

1938

NOTES

7/22

BUILDINGS AND GROUNDS

Facilities

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GENERAL

Public Relations

☒ BOHR, NIELS

Biographical

VEBLER, C.

~~FLEXNER, A.~~

Veblen to Flexner, July 22, 1938.

We first heard from Mease a statement of the amount available for the building; namely, \$300,000. They reviewed some of the plans which were unsatisfactory. Requirements will have to be reduced.

He has seen Mr. Galpin of the C. W. B. Educational Foundation, and was pleased to find they are interested in

having Rosenfeld come to Princeton along with Bohr. So on Galpin's suggestion, Vebien is writing Bohr that Rosenfeld should apply for one of the G. E. S. advanced fellowships.

With respect to the reduction in requirements, "I hope, however, that we will not be forced to make any which really affect the character of the Institute. I believe I am inclined to attach more importance to the affect of physical environment than you are, and I really think that in this particular instance there is much to be said for my point of view."

V File, Fleener, Abraham

1940

4/10

ROCKEFELLER

Foundations

EMIGRES

Academic Personnel

VEBLEN, O.

Biographical

AYDELOTTE, F.

STEWART, W. W.

✓ BOHR, NEILS

BOHR, HARALD

PAULI, WOLFGANG

Veblen to Flexner, April 10, 1940.

Stewart has told the Rockefeller Foundation that the Institute is interested in the fate of the two Bohrs. Stewart thought it was essential that any communication should come directly from the Director.

The Rockefeller Foundation has in April, 1937, declined a request from Dr. ~~Arvid~~ Flexner that they should provide funds for calling Neils Bohr and Dirac to Princeton. The fact that they declined in 1937 may mean an acceptance now.

Perhaps it would be wise to anticipate the taking by Nazi Germany of all its small neighbors; therefore, why not take steps to move Pauli, at least temporarily, away from Zürich.

Stewart thinks it is well to ~~ask~~ talk the whole idea over with Mr. Fosdick, making use of letters written to Aydelotte by Aydelotte and von Neumann together on the latter subject.

File V-3

1940

4/11

✓BOHR, N.

Biographical

Aydelotte sent closed ^{cable} ~~letter~~ to Bohr in Denmark offering visiting professorship for one year at \$8,000 plus traveling expenses.

S File General 1939-42

1940

4/22

SCHOOL OF MATHEMATICS

Academic Organization

✓ BOHR, NEILS

Biographical

HARALD

A cable received by Aydelotte. "Professor Bohr and his brother are deeply conscious of the moral support America has evidenced in these difficult moments but state their general attitude must remain as outlined in the legation's previous telegram until the Danish situation clarifies somewhat."

Below this typed wire in Aydelotte's writing is, "Safe--do not need money--remaining in Copenhagen for present."

The year is not stated in this telegram, and the date of its receipt is written by Aydelotte, presumably it was 1940.

A File, IAS (Transfer)

5/10

SCHOOL OF MATHEMATICS

Academic Organisation

ROCKEFELLER

Foundations

PAULI

Biographical

✓ BOHR

DIRAC

Aydelotte to Banberger, May 10, 1940.

The Rockefeller Foundation has offered to finance a visiting professorship for Pauli of Zürich. It has already financed a visiting professorship for Niels Bohr, who feels he ought to stay where he is for the time being, but when the time comes when he can no longer do work in Copenhagen he will be glad to accept the Institute's invitation.

Aydelotte is looking for money for a professorship for Dirac of Cambridge University. With these three, plus Einstein and von Neumann the Institute will have the greatest

concentration of mathematical physicists in the world, "and would make the Institute the center for that subject just at the moment when it may conceivably have greater importance than ever before, owing to recent developments in the uranium problem."

D. Benberger, Louis, 1937-1944

5/13

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ROCKEFELLER FOUNDATION

Foundations

✓BOHR, NIELS

Biographical

PAULI, WOLFGANG

Insecurity in Europe for these two men has caused the Institute to offer them
refuge in Princeton, to the benefit of the whole country.

Tr. Min. - 5/13/40 - Appendix 1, pp. 3-4

1944

10/11

PHYSICS

Academic Activities

✓ BOHR, NIELS

Biographical

PAULI, WOLFGANG

SYNTHE, HENRY

AYDELOTTE, F.

Excerpt from Aydelotte's proposed report to the Trustees
which was never given.

He reminded the Board that in his report in April, 1940,
he announced a grant from the Rockefeller Foundation for
visiting professorships for Niels Bohr and Wolfgang Pauli,
and commented on the possible value of collaboration of these
two men with Einstein and von Neumann on the theoretical aspects
of the uranium problem. He recalled that Bohr could not leave
Denmark, but Pauli came to the Institute and was still there
in 1944. Bohr later came to England, and Aydelotte saw him
twice in November, 1943. Borh was at the time of the writing

of the report in the United States and has visited the Institute at Princeton, and would like to come, but is not certain whether or not he can.

"Meanwhile since 1940 the Governments of the United States, England and Germany have spent hundreds of millions of dollars for scientific research on uranium. Some of the members of the Physics Department of Princeton University, notably Professor Smythe, have had an important share in this work. I still cherish the ambition of bringing together here a group of eminent scholars who may after the war is over make a significant contribution to it. It may well be the most important problem, both theoretical and practical, in mathematical physics of this century."

A (Attic) File, Report of the Director, October, 1944

1946

7/25

~~XXXX~~

✓ BOHR, NIELS

Biographical

Letter to Dr. Wheeler, July 25, 1946, about a film.

Filed in Chronological File under 1946 , 7/25.

A File, Bohr Niels

10/28
11/1

GENERAL

Public Relations

EINSTEIN, A.

Biographical

✓ BOHR, NIELS

Letters from James K. McGuinness of Loew's Inc., Metro-Goldwyn-Mayer Pictures, to Walter Lippman, November 1, 1946, and from Walter Lippman to Aydelotte, October 28, 1946, regarding Loew's film on A-Bomb.

Letters filed in Chronological file under 1946, 10/28

D, Lippman, Walter

CHERNISS, HAROLD

Biographical

✓BOHR, NIELS

PAULI, WOLFGANG

YUKAWA, HIDEKI

New Appointments:

Professor Harold Cherniss - arriving Fall Term, 1948; Professor School of Humanistic Studies.

Professor Niels Bohr & arriving Spring Term, 1948; Visiting Professor, School of Mathematics.

Professor Wolfgang Pauli - probably arriving Spring Term 1949 - Fall Term, 1949; Visiting Professor, School of Mathematics.

Professor Hideki Yukawa - arrival indefinite; Visiting Professor, School of Mathematics.

Tr. Min. 12/16/47 p/ 3

1948

11/9

SCHOOL OF ECONOMICS AND POLITICS

Academic Organization

SCHOOL OF MATHEMATICS

PRINCETON UNIVERSITY

Relations WOI

SELBERG, ATLE

Biographical

NEUGEBAUER, OTTO

FRANKL, DR. PAUL

ELIOT, THOMAS

✓ BOHR, NIELS

Faculty meeting of November 9, 1948.

Filed in Chronological File, 11/9/48.

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Minutes Faculty Meeting, November 9, 1948. MIA v.1

1948

11/16

POLICIES

Administration

✓ BOHR, NIELS

Biographical

The Director suggested a type of recurring membership whereby a distinguished professor could come to the IAS whenever he pleased over a period of 5 or 10 year. The arrangement suggested for Prof. Bohr would be covered by a special appropriation of \$4000 in each year's budget for five years; the understanding being that should he come for a full term within that period he would receive \$8000. He would be considered a regular member.

Tr. Min. 11/16/48 pp. 3-4

1954

9/30

PARTICIPATION IN ADMINISTRATION

Academic Personnel

MEMBERS

~~BOHR~~ NIELS

Biographical

KENNAN

NEUGEBAUER

The Faculty agreed to extend the five-year appointments
of the above-named for another five years.

Faculty Minutes, 9/30/54

1956

3/14

MATHEMATICS

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GOTTMAN, JEAN

Biographical

KENNAN

GODEL, KURT

✓ BOHR, NIELS

EINSTEIN, ALBERT

Dinner table conversation with Jean Gottman, March 14, 1956.

Filed in Vertical File under Gottman Interviews.

Conversation with Gottman, 3/14/56

1956

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SMYTHE, HENRY DEWOLFE

Biographical

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✓
BOHR

Interview with Dr. Henry Dewolfo Smythe, June 13, 1956.

Filed in Vertical File under Smythe Interviews.

Interview with Smythe, 6/13/56