

1947 BH

Reappointment

Name Evelyn Boyd

Field: Mathematics

Graduate student, Yale University
370 Temple Street, New Haven, Connecticut

Plan of Work To complete course requirements for the doctorate in mathematics. She hopes to begin reading for the doctor's dissertation at the beginning of the second semester.

Requests renewal from September 1947 to June 1948. Will study at Yale University under the supervision of Professor Einar Hille. Intends to apply to Yale for a fellowship.

Personal Data Born Washington, D. C., May, 1924 Age: 22
Single Draft Status: None

Undergraduate Work Smith College, A.B., 1945

Graduate Work Yale University, M.A., 1946

Experience

Accomplishments Phi Beta Kappa, Sigma Xi Society

Scholarships: Rosenwald Fellowship, 1946, \$1000; Tuition scholarship awarded by Yale for graduate study, 1945-46; Smith student aid society fellowship (for use at Yale), 1945-46, \$700; Phi Delta Kappa Scholarship, Smith College, \$400 and \$100 applied to tuition each year (1941-45); Undergraduate scholarships (sophomore, junior and senior years) at Smith College, averaged \$650 per year.

References

Einar Hille, Yale University
Deane Montgomery, Yale University

Budget Summary

Total Amount Needed	\$1494
From Applicant	200
From Fund	\$1294

AMOUNT GRANTED

LETTERS OF REFERENCE

Evelyn Boyd

Dr. Otelia Cromwell, (Professor of English, retired), 1815 - 13th Street,
N. W., Washington, D. C.

Miss Evelyn Boyd's college transcript gives ample evidence of the unusually high calibre of her scholarship. Summa cum laude, Phi Beta Kappa, Sigma Xi speak eloquently for themselves.

I am glad to testify to Miss Boyd's refinement of bearing, her integrity of character, her modesty, and her wholesome standards of life. During her vacations she has been employed in statistical work at the Bureau of Standards, her service being so satisfactory that she has had no difficulty in being re-employed each season.

By her teachers and fellow students in the high school she is held in the highest esteem. I myself consider her an exemplary young woman.

Professor Arthur T. Jones, Professor of Physics, Smith College

In her junior year I had Miss Boyd in three semesters of work in physics. One course was an introduction to Light, involving practically no mathematics. The other two semesters were a sequence in theoretical mechanics, for which the calculus is a prerequisite. In the Light there were nine students, in one semester of the Mechanics there were ten, and in the other semester of the Mechanics there were twelve. In all three semesters Miss Boyd stood definitely at the top of the class.

She is a fine, likeable girl, with an excellent mind and a will to work. She is earnest, dependable, thorough, and a girl who is, I judge, just the kind to whom you wish to award your fellowships. I expect her to continue to do work of marked excellence.

Dr. Walter Ramberg, Physicist, National Bureau of Standards, Washington, D. C.

Miss Evelyn Boyd worked as a computer at the National Bureau of Standards during the summers of 1943 and 1944 and as a mathematician during the summer of 1945. In her work she carried out arithmetical computations involving trigonometric functions, used computing aids such as slide rules and computing machines, and checked and derived difficult mathematical equations involved in the determination of the stress distribution in aircraft structures. She did her work rapidly and with exceptionally high accuracy.

Miss Boyd got along well with her co-workers. She had a pleasing personality and was considerate in her dealings with others.

We consider Miss Boyd to be a person having a keen mathematical mind and believe she is capable of making a real contribution in the field of mathematical physics in which she is interested.

Professor Neal H. McCoy, Professor of Mathematics and Chairman of the Department, Smith College

Miss Evelyn Boyd was graduated from Smith College with highest honors--one of perhaps four or five to receive such distinction in a class of around 450 students which finished last spring. I had her as a student in my mathematics classes through the larger part



of her college career and also directed her honors work. She is an unusual young lady with a live interest in mathematics and some real mathematical ability. It is my opinion that she is fully capable of successfully proceeding to the Ph.D. degree in mathematics. I have not heard how she is making out at Yale this year but no doubt you will receive reports from her instructors there. As you probably know, she was awarded a fellowship from Smith College to help her to begin graduate work this year. She also received a tuition scholarship at Yale and was offered a fellowship of some kind by Bryn Mawr but decided that she wanted to study at Yale.

She is most dependable and conscientious, with an ideal attitude toward her work. It was quite common to find that she had done more than was assigned. If this is a rather enthusiastic report it is because I feel that she is just the kind of person who should be helped by your Fund. It is a pleasure to recommend her.

- - - - -

Professor Einar Hille, Department of Mathematics, Yale University

Miss Boyd has shown sufficient promise in her work here for me to suggest to her that she should try to go on to the doctorate. The plan which she has submitted has my approval. She is perhaps somewhat optimistic as to the time: our students usually require a total of nearly four years of graduate work for the doctor's degree. It is hard to tell at the present stage if she will be able to get a doctor's degree. It is always a gamble; many a student who can complete the course work in a satisfactory manner, stumble and fall on the dissertation.

In Miss Boyd's case I find the gamble worth while. She has exceptional talent, perhaps not on an absolute scale, but considering

her sex and race. The percentage of women who can make good in mathematics is very small, that of Negroes who have made good still smaller. She has shown real interest in mathematics and ability to do the work at the preliminary level. I believe she has sufficient ability to go on and carry through her plans and that her application is worthy of your serious consideration.

She is intellectually on a par with most of our present first year graduate students, definitely better than some and not quite as good as the best. She is definitely above average, the white average. This is my reason for recommending her going on with her studies and the basis for my supporting her application.

Name Evelyn Boyd Field: Mathematics

Graduate student at Yale University
370 Temple Street, New Haven, Connecticut

Plan of Work To pursue graduate studies in mathematics and mathematical physics.

Wishes to work for Ph. D. degree at Yale University under the supervision of Professor Einar Hille. Requests grant for eight months beginning October 1946.

Personal Data Born Washington, D. C., May, 1924
Single

Age: 21
Draft Status: None

Undergraduate Work Smith College, A.B., 1945

Graduate Work Yale University

Experience

Accomplishments Phi Beta Kappa, Sigma Xi Society

Scholarships: Tuition scholarship awarded by Yale for graduate study, 1945-46; Smith student aid society fellowship (for use at Yale), 1945-46, \$700; Phi Delta Kappa Scholarship, Smith College, \$400 and \$100 applied to tuition each year (1941-45); Undergraduate scholarships (sophomore, junior and senior years) at Smith College, averaged \$650 per year.

References

Otelia Cromwell, Washington, D. C.
Neal H. McCoy, Smith College
Einar Hille, Yale University
Arthur T. Jones, Smith College
Walter Ramberg, Washington, D. C.

Budget Summary

Total Amount Needed	\$1319
From Applicant	400
From Fund	\$ 919
AMOUNT GRANTED	

LETTERS OF REFERENCE

Evelyn Boyd

Professor Deane Montgomery, Associate Professor of Mathematics, Yale University, New Haven, Connecticut

I first met Miss Evelyn Boyd about four years ago when she was a student at Smith College and I was a Professor of Mathematics there. Although she did not take any class work from me at Smith, I met her at the Undergraduate Mathematics Club and I formed a high opinion of her from my conversation with her and from the reports of my colleagues. Here at Yale, to which we have both moved in the meantime, she is now taking a graduate course with me in topological groups. Her work in this course has been very good. She has solved a number of fairly difficult original exercises which have been assigned and has given some excellent oral reports. It is my opinion that she will be able to continue her work and obtain the doctorate in mathematics. She is a very conscientious, hard-working student, as well as an intelligent one. I believe that she is worth helping and I have no hesitation in recommending her highly to you.

- - - - -

Professor Einar Hille, Director of Graduate Studies in Mathematics, Yale University, New Haven, Connecticut

As far as I have been able to find out, Miss Boyd has been doing very well in her course work during the Fall term of 1946-47. She has received honors in at least two of her four courses which is a mark of distinction in graduate work. She got her Master's Degree in June, 1946, with very good marks. I have very little contact with her this year, but from all I hear, her performance is highly creditable and I believe she will be able to pass her orals in 1948 in good style.

It is a pleasure for me to recommend Miss Boyd for a Fellowship from your Fund. She is highly gifted to my way of thinking and "worthy and deserving" in the original sense of this hackneyed phrase. The number of Negro mathematicians will probably never be a large one, but the number is definitely increasing and there is a growing need for adequate training in mathematics by qualified mathematicians in our colored colleges. This means that a person like Miss Boyd has a future and serves a definite need in the community. This is one good reason why she deserves support from you.

- - - - -



FISK
UNIVERSITY

Evelyn Boyd

Evelyn Boyd

PLEASE RETURN
TO
JULIUS ROSENWALD FUND

Progress Report

I received the M.A. degree in mathematics in June, 1946, from Yale U. This academic year I am pursuing course work in pure mathematics at Yale. The courses are in the following fields:

Modern Algebra
Point Set Topology
Group Theory (Topological groups)
Mathematical Methods of Statistics

Formerly I had planned to study mathematical physics. In view of the time required to fulfill the requirements for the doctorate and in view of my limited resources, I have decided to concentrate solely in pure mathematics. Also this seemed the better choice since I plan to teach mathematics.

Plan of Work

I shall complete course requirements for the doctorate next year. I shall be preparing for the oral exam which will be held either at the end of the fall term or at the end of the spring term. I hope to begin reading for the dissertation at the beginning of the second semester. As yet, I have not chosen a dissertation subject.

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut


Payment Voucher No. 5031

Date April 30, 1948

FELLOWSHIPS

Final payment on fellowship ----- \$100.00

3
Chk. #38359

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	
Prepared by lcm	Checked by	Posted by	 Comptroller

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 4914

Date March 31, 1948

FELLOWSHIPS

Payment on fellowship ----- \$100.00

Ck. #38239

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	
Prepared by	Checked by	Posted by	Comptroller
lcm			



Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 4809

Date February 27, 1948

FELLOWSHIPS

Payment on fellowship ----- \$100.00

Chk. #38097

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	

Prepared by lem	Checked by	Posted by
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Comptroller

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 4083

Date January 30, 1948

FELLOWSHIPS

Payment on fellowship ----- \$250.00

Chk. #37950

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$250.00	

Prepared by lcm	Checked by	Posted by
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Comptroller

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 4567

Date December 19, 1947

FELLOWSHIPS

Payment on fellowship ----- \$100.00

Ck. #37812

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	

Prepared by lcm	Checked by	Posted by	Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 4453


Date November 28, 1947

FELLOWSHIPS

Payment on fellowship - - - - - \$100.00

Chk. #37680

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	

Prepared by lcm	Checked by	Posted by	 Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 4343

Date October 31, 1947

FELLOWSHIPS

Payment on fellowship ----- \$100.00

Chk. #37554

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	

Prepared by lcm	Checked by	Posted by	Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut


Payment Voucher No. 4210

Date September 30, 1947

FELLOWSHIPS

Payment on fellowship ----- \$100.00

Chk. #37407

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$100.00	
Prepared by lcm	Checked by	Posted by	 Comptroller

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
2336 Ontario Road, N. W.
Washington, D. C.


Payment Voucher No. 4153

Date August 31, 1947

FELLOWSHIPS

First payment on fellowship renewal - - - - - \$250.00

Ck. #37349

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$250.00	
Prepared by lcm	Checked by	Posted by	 Comptroller

FELLOWSHIPS

August 14, 1947

Dear Miss Boyd: I shall see that your fellowship grant is paid in accordance with the schedule outlined in your recent letter; that is, checks of \$250 each on the first of September and February, and checks for \$100 each on the first of the month from October to and including May except February. As you have suggested, the first check will go to this address in Washington, D. C. Beginning October 1, they will be mailed to you in New Haven.

Very truly yours,

DOROTHY A. ELVIDGE

DAB:LCM

Miss Evelyn Boyd
2336 Ontario Road, N. W.
Washington 9, D. C.

FISK
UNIVERSITY

2336 Ontario Road, N.W.

FELLOWSHIPS Washington 9, D. C.

August 12, 1947

Miss Dorothy Elvidge

Julius Rosenwald Fund

4901 Ellis Avenue

Chicago 15, Illinois

DE	8/14	DE	8/14

Dear Miss Elvidge:

If it is agreeable with you, I should like to have the grant of \$1200 divided in the following manner. I should like to receive two hundred and fifty dollars (\$250) in the months of September and February and one hundred dollars (\$100) for the other seven months in the period September through May. Please send the first check to 2336 Ontario Road, N.W., Washington 9, D.C. and all the other checks to 370 Temple Street, New Haven 11, Conn.

Yours truly,
Evelyn Boyd

FELLOWSHIPS

May 9, 1947

Dear Miss Boyd: Although you are familiar with the usual fellowship procedure, I thought it might be well to remind you that, when you are ready to begin work under your renewal fellowship grant, you will need to let us know to what address we should send the payments and what payment plan you prefer. Your present grant runs through May, 1947.

Very truly yours,

DOROTHY A. ELVIDGE

DAE:LCM

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

FISK
UNIVERSITY

Yale University

WCH	5/9	WCH	0
DE		DE	5/9

Boyd,
370 Temple Street
New Haven 11, Conn.

May 8, 1947

Mr. W. C. Haygood
Julius Rosenwald Fund
4901 Ellis Avenue
Chicago 15, Illinois

Goodyen

Dear Mr. Haygood:

I accept the fellowship of twelve hundred dollars (\$1200) offered to me by the Committee on Fellowships. I was very pleased to learn that I am to be the recipient of this grant, which will enable me to complete course requirements at Yale University for the doctorate in mathematics. I understand that this award is to be used

~~not~~ a nine-month period.

In accepting this award I realize the responsibilities I assume. To the best of my ability I shall endeavor to maintain high standards of scholarship in my courses and to complete all requirements successfully.

I am deeply grateful for the financial aid given me during the last academic year and for this further aid.

Sincerely yours,
Evelyn Boyd

Previous grant
exp. 5/31

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UNIVERSITY

FELLOWSHIPS

May 2, 1947

Dear Mr. Ambrose: Thank you very much for your
letter in support of Miss Evelyn
Boyd's application for a renewal of her Rosenwald Fellow-
ship. It will prove very useful to the Fellowship
Committee in its final deliberations, and I am very
grateful to you for your help.

Sincerely yours,
WILLIAM C. HAYGOOD

WCH:rfl

Mr. Warren Ambrose
The Institute for Advanced Study
Princeton, New Jersey

FISK
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 3673


Date April 30, 1947

FELLOWSHIPS

Final payment on fellowship - - - - - \$75.00

Chk. #36764

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lcm	Checked by	Posted by	 Comptroller
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FELLOWSHIPS

April 24, 1947

Dear Mr. Begle: Thank you very much for
your letter in support of
Miss Evelyn Boyd's application for a renewal
of her fellowship from us. It will be very
helpful to the Committee in arriving at its
final decisions.

Sincerely yours,
WILLIAM C. HAYGOOD

WCH:LCM

Mr. Edward G. Begle
Department of Mathematics
Yale University
New Haven, Connecticut

FELLOWSHIPS April 16, 1947

Dear Mr. Begle: Miss Evelyn Boyd, who is currently studying at the Yale University Graduate School under a Julius Rosenwald Fund Fellowship, has applied to us for a renewal.

At its preliminary meeting, the Fellowship Committee requested that I obtain some additional documentation in support of her reapplication. I am wondering if you would be good enough to write me your own confidential estimation of Miss Boyd's progress during this past year, and your estimation of her as a student whose probable academic career might warrant additional financial support.

The date of the meeting at which the final selections will be made is May 3, so I will be grateful for a prompt reply.

Sincerely yours,
WILLIAM C. HAYGOOD

WCH:rfl
enc.

Mr. Edward G. Begle
Department of Mathematics
Yale University Graduate School
New Haven, Connecticut

FELLOWSHIPS

April 16, 1947

Dear Mr. Ambrose: Miss Evelyn Boyd, who is currently studying at the Yale University Graduate School under a Julius Rosenwald Fund Fellowship has applied to us for a renewal.

At its preliminary meeting, the Fellowship Committee requested that I obtain some additional documentation in support of her reapplication. I am wondering if you would be good enough to write me your own confidential estimation of Miss Boyd's progress during this past year, and your estimation of her as a student whose probable academic career might warrant additional financial support.

The date of the meeting at which the final selections will be made is May 3, so I will be grateful for a prompt reply.

Sincerely yours,
WILLIAM C. HAYGOOD

WCH:rfl
enc.

Mr. Warren Ambrose
Institute for Advanced Study
Princeton, New Jersey

FISK
UNIVERSITY

370 Temple Street

New Haven 11, Conn.

WCH 4/16
WCH
April 14, 1947

Mr. William C. Haygood
Julius Rosenwald Fund
4901 Ellis Avenue
Chicago 15, Illinois

Show Mr. Haygood:

Enclosed please find transcript of my record at Yale U. Although it is dated January 20, 1947, it is up to date. I checked with the Registrar's office which informed me that no grades were submitted at the end of the first semester for courses which run through the whole year. The names of two additional persons to whom you may refer are

- 1) Prof. Edward G. Segle
Dept. of Mathematics
Yale University
New Haven, Conn.
- 2) Mr. Warren Ambrose
Institute for Advanced Study
Princeton, New Jersey

Very truly yours,
Evelyn Boyd

FELLOWSHIPS

April 11, 1947

Dear Miss Boyd: At its preliminary meeting, the Committee on Fellowships requested that I obtain additional information in support of your renewal application. Specifically, we would like to have a transcript of your grades at Yale and also the names of two additional faculty members whom you would be willing to have serve as confidential references. As the time until the next meeting is short, I would appreciate your immediate attention to this matter.

Sincerely yours,

WILLIAM C. HAYGOOD

WCH:rf1

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 3566

Date March 31, 1947

FELLOWSHIPS

Payment on fellowship ----- \$75.00

Ch. #36625

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lcm	Checked by	Posted by	Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 3439

Date February 28, 1947

FELLOWSHIPS

Payment on fellowship ----- \$75.00

Chk. #36467

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lcm	Checked by	Posted by	Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 3335


Date January 31, 1947

FELLOWSHIPS

Payment on fellowship ----- \$225.00

Ck. #36333

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$225.00	

Prepared by lem	Checked by	Posted by	 Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 3179


Date December 20, 1946

FELLOWSHIPS

Payment on fellowship ----- \$75.00

Ck. #36159

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lcm	Checked by	Posted by	 Comptroller
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370 Temple Street
New Haven 11, Conn.
December 16, 1946

Mr. William C. Haygood
Julius Rosenwald Fund
4901 Ellis Avenue
Chicago 15, Illinois

FELLOWSHIPS

Dear Mr. Haygood:

I am writing to ask if I would be eligible to receive a renewal of the Rosenwald Fellowship which I hold this year. During the academic year 47-48, I shall be engaged in completing the course requirements for the doctorate degree in mathematics and I shall be studying at Yale University. After this I shall be prepared to begin the doctor's dissertation. At this time I am not well enough acquainted with the outstanding problems in mathematics to be able to say what my independent piece of work will be.

I am very anxious to continue study for the Ph.D. degree, particularly since I have gotten this far. However, my limited resources makes it necessary for me to appeal for financial aid. I shall be interested in hearing what possibilities there might be of getting a fellowship for the coming year.

I shall always be deeply grateful for the aid already given me from the Julius Rosenwald Fund.

Sincerely yours,

Evelyn Boyd
Evelyn Boyd

WCH	12/18	WCH	0
		B	12/18

FISK
UNIVERSITY

Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To
Miss ~~(Evelyn) Boyd~~
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 3050


Date November 29, 1946

FELLOWSHIPS

Payment on fellowship ----- \$75.00

Ck. #35981

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lcm	Checked by	Posted by	 Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 2913


Date October 31, 1946

FELLOWSHIPS

Payment on fellowship ----- \$75.00

Ck. #35810

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lem	Checked by	Posted by	 Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

Payment Voucher No. 2768

Date September 30, 1946

FELLOWSHIPS

Payment on fellowship ----- \$75.00

Chk. #35634

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$75.00	

Prepared by lcm	Checked by	Posted by	Comptroller
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Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
2336 Ontario Road, N. W.
Washington 9, D. C.

Payment Voucher No. 2723

Date August 31, 1946

FELLOWSHIPS

First payment on fellowship ----- \$250.00

Chk. #25586

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$250.00	

Prepared by	Checked by	Posted by	Comptroller
DAE			



Julius Rosenwald Fund

4901 Ellis Avenue
CHICAGO 15

To

Miss Evelyn Boyd
2336 Ontario Road, N. W.
Washington 9, D. C.

Payment Voucher No. 2723

Date August 31, 1946

FELLOWSHIPS

First payment on fellowship ----- \$250.00

Chk. #35586

Accounts	Appropriation No.	Debit	Credit
Negro Fellowships	45-7	\$250.00	

Prepared by	Checked by	Posted by	Comptroller
DAE			



WETHO

FELLOWSHIPS

August 20, 1946

Dear Miss Boyd: The payment plan outlined in your recent letter is quite acceptable to us, and I shall see that checks are mailed to you accordingly. It is customary for us to put the checks in the mail on the last day of the previous month, so they should reach you in Connecticut by the 2nd, certainly not later than the 3rd.

Very truly yours,

DAE:en

JUROTHY A. ELWIDGE

Miss Evelyn Boyd
2336 Ontario Road, N. W.
Washington 9, D. C.



FELLOWSHIPS

2336 Ontario Rd., N.W.
 Washington 9, D. C.
 August 15, 1946

Miss Dorothy A. Elvidge
 Julius Rosenwald Fund
 4901 Ellis Avenue
 Chicago 15, Illinois

	DE	8/19	DE	8/20
	WCH		WCH	0

My dear Miss Elvidge:

This is to notify you that I shall begin work under the Rosenwald fellowship in September. I should like to have the grant divided in the following manner: \$250 in September, \$225 in February, and the remaining portion in monthly payments of \$75, on or about the first of the month, if convenient. Please send the first check to 2336 Ontario Rd., N.W., Wash. 9, D.C. and the subsequent ones to 370 Temple St., New Haven 11, Conn.

Yours truly,

Evelyn Boyd

8/31

2723
 35586

FELLOWSHIPS

May 6, 1946

Dear Miss Boyd: I have seen the recent correspondence which you have had with Mr. Haygood in connection with the fellowship grant awarded to you a short time ago. It is customary for us to make payment in monthly installments spread over the period for which the award was made. However, if you would prefer to receive larger payments in the months in which your tuition will be due, that is entirely agreeable to us.

When you are ready to begin work under your grant, please write me, giving the payment plan best suited to your needs and the address to which your checks should be mailed. Any change of address during the tenure of your fellowship should be reported immediately so that you will receive your payments without delay.

Very truly yours,

DOROTHY A. ELVIDGE

DAE:LCM

Miss Evelyn Boyd
370 Temple Street
New Haven 11, Connecticut

FISK
UNIVERSITY

FELLOWSHIPS

370 Temple Street
 New Haven 11, Conn.
 May 2, 1946

Mr. William C. Haygood
 Julius Rosenwald Fund
 4901 Ellis Avenue
 Chicago 15, Illinois

	WCH	5/3	WCH ²	
	DE		DE	5/6

Dear Sir:

I was very pleased to learn that I have been selected by the Committee on Fellowships of the Julius Rosenwald Fund to receive a grant of one thousand dollars (\$1000). I understand that this award is to be used for advanced studies in mathematics and mathematical physics at Yale University. I am fully aware of the responsibilities that acceptance of this award entails and I shall endeavor to maintain high standards of scholarship in my work at Yale University. It is with a feeling of sincere appreciation that I accept this award.

Yours truly,
 Evelyn Boyd

Blank

VH	7	f	10

2336 Ontario Rd., N.W.
Washington 9, D.C.
September 4, 1945

Mrs. William C. Haygood
Acting Director for Fellowships
Julius Rosenwald Fund
4901 Ellis Avenue
Chicago, Illinois

FELLOWSHIPS

My dear Mrs. Haygood:

I should like to make application for a Rosenwald fellowship for use during the year '46-'47. I would appreciate it greatly, if you would send me information concerning the fellowships and also an application blank. I believe I am eligible to apply, having received my B.A. degree in May, 1945.

yours truly,

(Evelyn) Boyd

FELLOWSHIPS

February 16, 1945

Dear Miss Boyd: I am sorry to tell you that since you will not receive your degree until May of this year, you are not at this time eligible for consideration by our Committee on Fellowships. As stated in the announcement of our program, a person must have completed his general college course or his general professional course before filing application, and our only exception to this regulation is in the case of a person who receives his degree in the middle of the year.

I am enclosing a statement giving information about the fellowship program. If you are interested in applying for a grant for next year, we should be glad to send blanks at your request when they are ready for distribution in the fall.

Sincerely yours,

WANDI V. HAYGOOD

Mrs. William C. Haygood
Acting Director for Fellowships

VH*RR
encl.

Miss Evelyn Boyd
Lawrence House
Smith College
Northampton, Massachusetts

FISK
UNIVERSITY

	VH	15	VH	16

no A's

Lawrence House
Smith College
Northampton, Mass.
January 13, 1945

Mrs. William C. Haygood
Director, Julius Rosenwald Fund
4901 Ellis Avenue
Chicago, Illinois

FELLOWSHIPS

Dear Madam:

I am writing to ask if the Julius Rosenwald Fund offers scholarships to college graduates with only the B.A. degree. I am a Negro and I shall receive the B.A. degree in May of this year from Smith College, (Northampton, Mass.). I am planning to begin work toward the M.A. degree in mathematics in the fall of this year. I would appreciate it very much if you would send me information concerning fellowships and, possibly, scholarships offered by your organization and if you would let me know if I would be eligible for any of these awards.

Yours truly,

Evelyn Boyd

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UNIVERSITY

EVELYN BOYD

PLEASE RETURN
TO
JULIUS ROSENWALD FUND

At present I am studying at Yale University for the degree of Master of Arts in Mathematics. I expect to complete the requirements for the degree by June, 1946, and to receive the degree then. In the following fall I should like to begin studying for the Ph.D. degree, perhaps at Yale University. I shall have to continue course work for possibly two years, probably beginning work on the dissertation the latter half of the second year. The course work, at least for next year, will be designed so as to give a general foundation in mathematics.

I am particularly interested in the application of mathematical principles to physical problems and hence I plan to include in my program courses in mathematical physics. This school year half of my work is in pure mathematics and the other half is in theoretical physics.

Eventually I should like to teach mathematics on the college level.

YALE UNIVERSITY · GRADUATE SCHOOL

OFFICIAL TRANSCRIPT OF RECORD

Name Evelyn Boyd Date January 20, 1947

Candidate for Degree Evaluation of work taken elsewhere.....

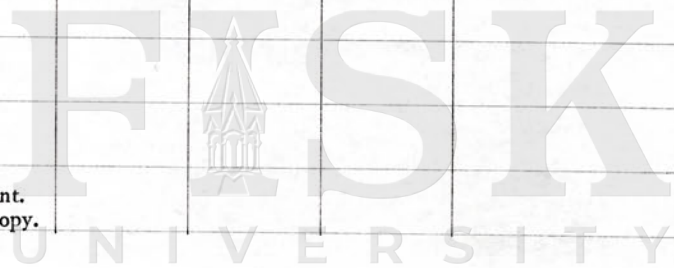
Degree of M.A. granted June, 1946 (Date)

..... examination passed:.....

Holder of Univ. 1945-46 Scholarship
Univ. 1946-47 Fellowship

Completed language requirement in { French... 11/29/45
German... 9/19/46
Latin.....

YEAR	NAME OF COURSE	INSTRUCTOR	Hours' attendance per week per term			Grade
			Summer	Fall	Spring	
1945-46	Functions of a Complex Variable	Prof. E. Hille	-	3	-	Honors
	Real Variables	" Rickart	-	2	-	High Pass
	Theoretical Physics	" Margenau, Page	-	5	5	Honors
	Theory of Integration	" Rickart	-	-	3	High Pass
	Complex Variables	" Hille	-	-	2	Honors
1946-47	Modern Algebra	" Ambrose	-	3	3	-----
	Group Theory	" Montgomery	-	2	2	-----
	Sem. in Functional Analysis	" Dunford & Hille	-	1	1	-----
	Point Set Topology	" Begle	-	3	3	-----
	Mathematical Methods of Statistics	" Ambrose & Cramer	-	2	2	-----
		<i>Margaret C. Stale</i> Registrar				



THE INSTITUTE FOR ADVANCED STUDY
Founded by Mr. Louis Bamberger and Mrs. Felix Fuld
PRINCETON, NEW JERSEY

Fellowship
meeting
May 3

April 27, 1947

FELLOWSHIPS

Dear Mr. Haygood:

I am very happy to write a letter in support of Miss Evelyn Boyd's application for a renewal of her Rosenwald fellowship. Miss Boyd was a graduate student in two courses which I taught at Yale University the first semester of this academic year and I was highly impressed with both her personality and her mathematical ability. She studied hard, showed a great understanding of her work, and was one of the very best students at Yale. In grading her, I gave her the highest possible grade in each of the two courses, and there was no doubt in my mind that she deserved the grades. I think she is very deserving of a renewal of her fellowship, - if I were giving the money I would be glad to give it to her.

Perhaps I should add that beyond her mathematical ability Miss Boyd makes a very good impression on all who meet her, for she is refined and courteous, and an extremely pleasant person. I enjoyed talking to her outside of class and found her very pleasant and very intelligent company. I sincerely hope you will be able to renew her fellowship.

Very truly yours,

Warren Ambrose
Warren Ambrose

WCH	4/30	WCH	5/2

FELLOWSHIPS

Evelyn Boyd
YALE UNIVERSITY
DEPARTMENT OF MATHEMATICS
NEW HAVEN · CONNECTICUT

April 19

Dear Mr. Haygood,

In my graduate class last year Miss Boyd impressed me as being an above average student and a promising candidate for the Ph.D. This year she has more than lived up to her promise. Her work has been on a considerably higher level than I expect from second year students. There is no doubt in my mind that she is well worth your support.

yours very truly,
Edward G. Begle

WCH	4/21	WCH	4/24



a

JULIUS ROSENWALD FUND
4901 ELLIS AVENUE
CHICAGO 15

Confidential Report on Candidate for Fellowship

Name of Candidate Miss Evelyn Boyd
Report Requested of Dr. Otelia Cromwell
 1815 - 13th Street, N.W.
 Washington, D. C.

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

Yandi V. Haygood
Mrs. William C. Haygood
Acting Director for Fellowships

REPORT

"Miss Evelyn Boyd's college transcript gives ample evidence of ~~the~~ ^{her} unusually high caliber of ~~Miss Boyd's~~ ^{her} scholarship. Summa cum laude, Phi Beta Kappa, Sigma X speak eloquently for themselves.

I am glad to testify to Miss Boyd's refinement of bearing, her integrity of character, her modesty, and her wholesome standards of life. During her

OVER

vacations she has been employed in statistical work at the Bureau of Standards, her service being so satisfactory that she has had no difficulty in being reemployed each season.

By her teachers and fellow students in the high school she is held in the highest esteem. I myself consider her an exemplary young woman.

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

As far as I know she has no such handicaps.

Signed Otelia Cromwell

Position or Title _____

Address 1815 - 13th Street, N.W. Washington 9, D.C.

Date February 6, 1946

Please return to the Division for Fellowships, Julius Rosenwald Fund,
4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.

F I S K
UNIVERSITY

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO 15

Confidential Report on Candidate for Fellowship

Name of Candidate Miss Evelyn Boyd
Report Requested of Professor Arthur T. Jones
 Smith College
 Northampton, Massachusetts

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

William C. Haygood
Mrs. William C. Haygood
Acting Director for Fellowships

REPORT

In her junior year I had Miss Boyd in three semesters of work in physics. One course was an introduction to Light, involving practically no mathematics. The other two semesters were a sequence in theoretical mechanics, for which the calculus is a prerequisite. In the Light there were nine students, in one semester of the Mechanics there were ten, and in the other semester of the Mechanics there were twelve. In all three semesters Miss Boyd stood definitely at the top of the class.

She is a fine, likeable girl, with an excellent mind and a will to work. She is earnest, dependable, thorough, and a girl who is, I judge, just the kind to whom you wish to award your fellowships. I expect her to continue to do work of marked excellence.

FISK
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OVER

JULIUS ROSENWALD FUND
4901 ELLIS AVENUE
CHICAGO 15

Confidential Report on Candidate for Fellowship

Name of Candidate

Report Requested of

Professor Arthur I. Jones
Smith College
Northampton, Massachusetts

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of the applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider an applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

Mr. William G. Higginson
Director for Fellowships

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

Yes, except for her color

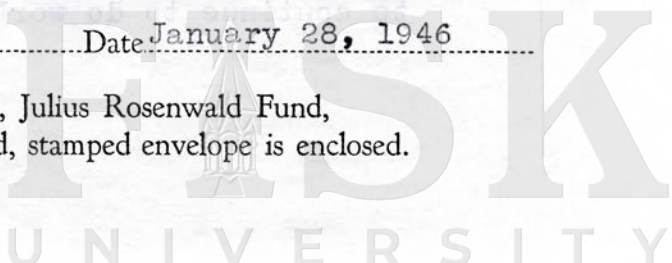
Signed..... *AT Jones*

Position or Title..... Professor of Physics

Address..... Smith College, Northampton, Massachusetts

Date January 28, 1946

Please return to the Division for Fellowships, Julius Rosenwald Fund,
4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.



JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO 15

a

Confidential Report on Candidate for Fellowship

Name of Candidate Miss Evelyn Boyd
Report Requested of Dr. Walter Ramberg
 National Bureau of Standards
 Industrial Building VI-5
 Washington 25, D. C.

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

William C. Haygood

Mrs. William C. Haygood
Acting Director for Fellowships

REPORT

Miss Evelyn Boyd worked as a computer at the National Bureau of Standards during the summers of 1943 and 1944 and as a mathematician during the summer of 1945. In her work she carried out arithmetical computations involving trigonometric functions, used computing aids such as slide rules and computing machines, and checked and derived difficult mathematical equations involved in the determination of the stress distribution in aircraft structures. She did her work rapidly and with exceptionally high accuracy.

Miss Boyd got along well with her co-workers. She had a pleasing personality and was considerate in her dealings with others.

We consider Miss Boyd to be a person having a keen mathematical mind and believe she is capable of making a real contribution in the field of mathematical physics in which she is interested.



JULIUS ROSENWALD FUND
4901 ELLIS AVENUE
CHICAGO 15, ILL.

Confidential Report on Candidates for Fellowship

Name of Candidate

Report Requested of

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and his ability to make a noteworthy contribution in his field. We are not intended to give aid to "worthy and deserving" students, but to students whose qualifications are such that it is impossible to consider them as "worthy and deserving" students. Since it is impossible to consider them as "worthy and deserving" students, all of the references are in a group reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

To the best of my knowledge, Miss Boyd enjoys excellent health and is free from personal handicaps.

Signed Walter Rumborg

Position or Title Physicist

Address National Bureau of Standards

Date 28 Jan 1946

Please return to the Division for Fellowships, Julius Rosenwald Fund,
4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.

MSK
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SIX
JAN 24 8 07 AM '46
NATIONAL BUREAU OF STANDARDS

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO 15

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Confidential Report on Candidate for Fellowship

Name of Candidate Miss Evelyn Boyd
Report Requested of Professor Neal H. McCoy
 54 Ridgewood Terrace
 Northampton, Massachusetts

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

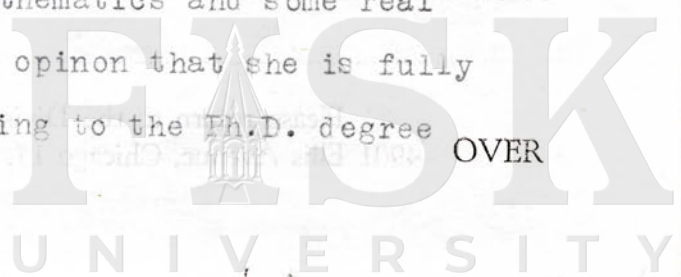
We request candid and critical comment. Your reply will be held in strict confidence.

William C. Haygood
Mrs. William C. Haygood
Acting Director for Fellowships

REPORT

Miss Evelyn Boyd was graduated from Smith College with highest honors--one of perhaps four or five to receive such distinction in a class of around 450 students which finished last spring. I had her as a student in my mathematics classes through the larger part of her college career and also directed her honors work. She is an unusual young lady with a live interest in mathematics and some real mathematical ability. It is my opinion that she is fully capable of successfully proceeding to the Ph.D. degree

OVER



JULIUS ROSENWALD FUND

in mathematics. I have not heard how she is making out at Yale this year but no doubt you will receive reports from her instructors there. As you probably know, she was awarded a fellowship from Smith College to help her to begin graduate work this year. She also received a tuition scholarship at Yale and was offered a fellowship of some kind by Bryn Mawr but decided that she wanted to study at Yale.

She is most dependable and conscientious, with an ideal attitude toward her work. It was quite common to find that she had done more than was assigned. If this is a rather enthusiastic report it is because I feel that she is just the kind of person who should be helped by your Fund. It is a pleasure to recommend her.

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

Yes. She has unusual poise and a pleasant personality.

Although the only colored student in the Mathematics Club last year, she was elected president of the group and filled the office with dignity. She is a clear speaker.

Signed..... *Neal H. McCoy*

Position or Title..... Professor of Mathematics and Chairman of Dept., Smith College

Address..... 53 Ridgewood Terrace, Northampton, Mass.

..... Date..... Jan. 26, 1946

Please return to the Division for Fellowships, Julius Rosenwald Fund,
4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.

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JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO 15

Confidential Report on Candidate for Fellowship

Name of Candidate Miss Evelyn Boyd

Report Requested of Professor Einar Hille
 Department of Mathematics
 Yale University
 New Haven, Connecticut

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

William C. Haygood
Mrs. William C. Haygood
Acting Director for Fellowships

REPORT

Miss Boyd has shown sufficient promise in her work here for me to suggest to her that she should try to go on to the doctorate. The plan which she has submitted has my approval. She is perhaps somewhat optimistic as to the time: our students usually require a total of nearly four years of graduate work for the doctor's degree. It is hard to tell at the present stage if she will be able to get a doctor's degree. It is always a gamble; many a student who can complete the course work in a satisfactory manner, stumble and fall on the dissertation.

In Miss Boyd's case I find the gamble worth while. She has exceptional talent, perhaps not on an absolute scale, but considering her sex and race. The percentage of women who can make good in mathematics is very small, that of negroes who have made good still smaller. She has shown real interest in mathematics and ability to do the work at the preliminary level. I believe she has sufficient ability to go on and carry through her plans and that her application is worthy of your serious consideration. OVER

She is intellectually on a par with most of our present first year graduate students, definitely better than some and not quite as good as the best. She is definitely above average, the white average. This is my reason for recommending her going on with her studies and the basis for my supporting her application.

Confidential Report on Candidate for Fellowship

Miss Evelyn Boyd

Name of Candidate

Professor Einar Hille

Report Reported by

Department of Mathematics

Yale University

New Haven, Connecticut

The above-named candidate has applied to the Fund for a Fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return in with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

Miss Evelyn Boyd
Yale University for Fellowship

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

Miss Boyd has a pleasing personality and aside from the racial handicap I do not see any difficulties ahead of her.

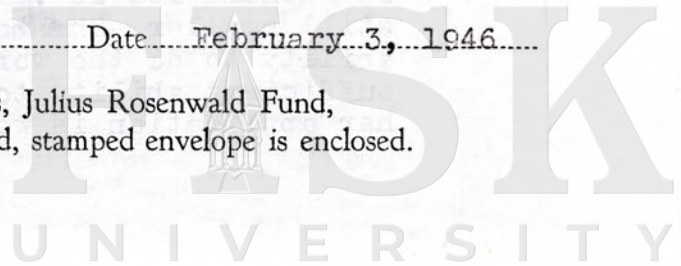
Signed..... *Einar Hille*

Position or Title..... Professor of Mathematics

Address..... 400 Prospect St., New Haven 11, Conn.

..... Date..... February 3, 1946

Please return to the Division for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.



JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO 15

a 2/7

Confidential Report on Candidate for Fellowship

Name of Candidate Evelyn Boyd
Report Requested of Professor Deane Montgomery
Department of Mathematics
Yale University
New Haven, Conn.

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

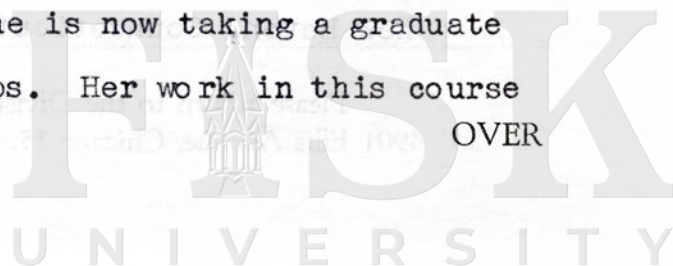
William C. Haygood

William C. Haygood
Director for Fellowships

REPORT

I first met Miss Evelyn Boyd about four years ago when she was a student at Smith College and I was a Professor of Mathematics there. Although she did not take any class work from me at Smith, I met her at the Undergraduate Mathematics Club and I formed a high opinion of her from my conversation with her and from the reports of my colleagues. Here at Yale, to which we have both moved in the meantime, she is now taking a graduate course with me in topological groups. Her work in this course

OVER

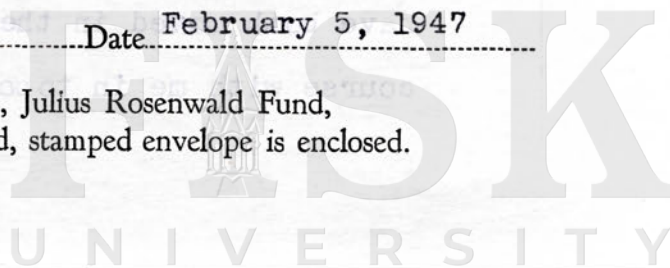


has been very good. She has solved a number of fairly difficult original exercises which have been assigned and has given some excellent oral reports. It is my opinion that she will be able to continue her work and obtain the doctorate in mathematics. She is a very conscientious, hard-working student, as well as an intelligent one. I believe that she is worth helping and I have no hesitation in recommending her highly to you.

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

Signed..... Lesue Montgomery
Position or Title..... Associate Professor of Mathematics
Address..... Dept. of Mathematics, Yale University
New Haven, Connecticut Date February 5, 1947

Please return to the Division for Fellowships, Julius Rosenwald Fund,
4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.



JULIUS ROSENWALD FUND
4901 ELLIS AVENUE
CHICAGO 15

22/13

Confidential Report on Candidate for Fellowship

Name of Candidate Evelyn Boyd
Report Requested of Professor Einar Hille
Department of Mathematics
Yale University
New Haven, Conn.

The above-named candidate has applied to this Fund for a fellowship and has given your name as a reference. The candidate's plan of work is attached. Please return it with your statement.

We shall appreciate your frank opinion of this applicant's qualifications and an appraisal of his plan of work and of his ability to make a noteworthy contribution in his field. These fellowships are not intended to give aid to "worthy and deserving" students, but to enable people of exceptional talent to come to their fullest powers. Since it is impossible to consider the applicant's qualifications until all of the references are in, a prompt reply will be appreciated.

We request candid and critical comment. Your reply will be held in strict confidence.

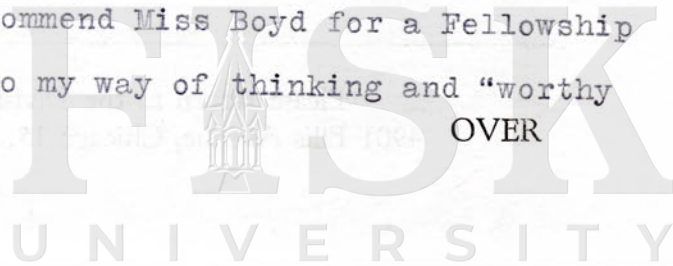
William C. Haygood

William C. Haygood
Director for Fellowships

REPORT

As far as I have been able to find out, Miss Boyd has been doing very well in her course work during the Fall term of 1946-47. She has received honors in at least two of her four courses which is a mark of distinction in graduate work. She got her Master's degree in June, 1946, with very good marks. I have very little contact with her this year, but from all I hear, her performance is highly creditable and I believe she will be able to pass her orals in 1948 in good style.

It is a pleasure for me to recommend Miss Boyd for a Fellowship from your Fund. She is highly gifted to my way of thinking and "worthy
OVER



and deserving" in the original sense of this hackneyed phrase. The number of Negro mathematicians will probably never be a large one, but the number is definitely increasing and there is a growing need for adequate training in mathematics by qualified mathematicians in our colored colleges. This means that a person like Miss Boyd has a future and serves a definite need in the community. This is one good reason why she deserves support from you.

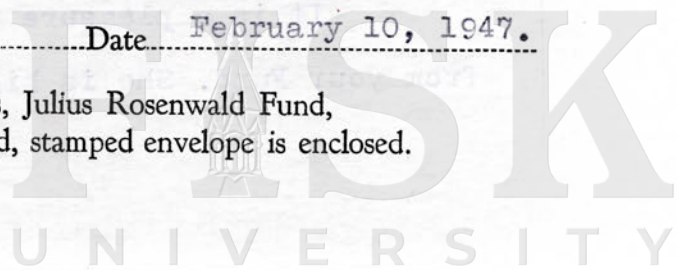
[I am sorry that this recommendation comes in so late. It was temporarily put to one side and later forgotten for which I have to apologize. Please understand that the delay is not caused by any reluctance on my part to recommend Miss Boyd again. I am of the same good opinion of her as last year.]

Is the candidate free from personality handicaps which would make it difficult to obtain and hold a position giving him opportunity to utilize his abilities?

None except her race. She seems to be quite popular with her fellow students.

Signed Erwin S. Hill
Position or Title Director of Graduate Studies in Mathematics.
President American Mathematical Society;
Address Leet Oliver Hall, Yale University, New Haven, Conn.
Date February 10, 1947.

Please return to the Division for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago 15, Illinois. Addressed, stamped envelope is enclosed.



Name Evelyn Boyd Field: Mathematics

Graduate student at Yale University
370 Temple Street, New Haven, Connecticut

Plan of Work To pursue graduate studies in mathematics and mathematical physics.

Wishes to work for Ph.D. degree at Yale University under the supervision of Professor Einar Hille. Requests grant for eight months beginning October 1946.

Personal Data Born Washington, D. C., May, 1924
Single

Age: 21
Draft Status: None

Undergraduate Work Smith College, A.B., 1945

Graduate Work Yale University

Experience

Accomplishments Phi Beta Kappa, Sigma Xi Society

Scholarships: Tuition scholarship awarded by Yale for graduate study, 1945-46;
Smith student aid society fellowship (for use at Yale), 1945-46, \$700;
Phi Delta Kappa Scholarship, Smith College, \$400 and \$100 applied to tuition each year (1941-45); Undergraduate scholarships (sophomore, junior and senior years) at Smith College, averaged \$650 per year.

References

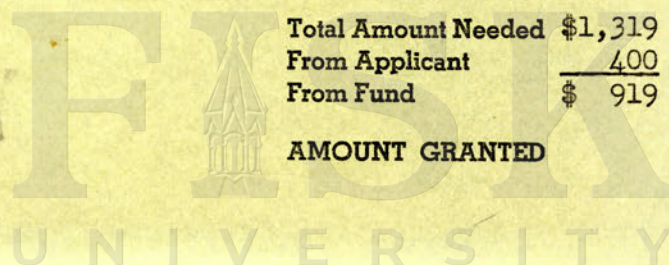
Otelia Cromwell, Washington, D. C.
Neal H. McCoy, Smith College
Einar Hille, Yale University
Arthur T. Jones, Smith College
Walter Ramberg, Washington, D. C.

Budget Summary

Total Amount Needed	\$1,319
From Applicant	400
From Fund	\$ 919

AMOUNT GRANTED

FILE COPY





FISK
UNIVERSITY

Evelyn Boyd

EVELYN BOYD

PLEASE RETURN
TO
JULIUS ROSENWALD FUND

At present I am studying at Yale University for the degree of Master of Arts in Mathematics. I expect to complete the requirements for the degree by June, 1946, and to receive the degree then. In the following fall I should like to begin studying for the Ph.D. degree, perhaps at Yale University. I shall have to continue course work for possibly two years, probably beginning work on the dissertation the latter half of the second year. The course work, at least for next year, will be designed so as to give a general foundation in mathematics.

I am particularly interested in the application of mathematical principles to physical problems and hence I plan to include in my program courses in mathematical physics. This school year half of my work is in pure mathematics and the other half is in theoretical physics.

Eventually I should like to teach mathematics on the college level.

GRADING SYSTEM

December 12, 1945

Grade	Equivalent	Points
A Excellent	90-100	4
B Good	80-89	3
C Fair	70-79	2
D Poor	60-69	1
E Failure	below 60	0
S Satisfactory		-
Inc Incomplete		0

In year courses the grade at the end of the first semester is provisional and credit tentative; the grade at the end of the second semester is retroactive and replaces the tentative first-semester grade. Credits and grades in "a" and "b" courses are final.

FISK
UNIVERSITY

NAME Boyd, Evelyn

CLASS 1945

ADDRESS 2336 Ontario Road, N. W., Washington, D. C.

AB DEGREE CONFERRED *May 13, 1945 Summa cum laude*

BIRTH May 1, 1924

HONORS Freshman Honor List; Dwight W. Morrow Scholar 1944;

ENTERED FROM Dunbar H. S., Washington, D. C. 1938-41

Elected Assoc. Member. Sigma Xi 1945; Elected Phi Kappa Phi 1945; *Students' Aid Society Fellowship 1945*

ENTRANCE CREDITS		COURSE	SEM. HRS.	GR.	SEM. HRS.	GR.	COURSE	SEM. HRS.	GR.	SEM. HRS.	GR.	PASSED TEST FOR READING ABILITY				
PLAN D (B)	UNITS	1941 - 42					1943 - 44 Major Mathematics - Honors					IN DATE				
ENGLISH	3	Eng 11a Composition	3	C			Math 340a, b Different Equations	3	B	3	A	SUMMARY OF GRADES				
ALGEBRA	2	Fr 13 Read Gram Comp	3	B ⁺	3	B ⁺	Math 37 Modern Geometry	3	B ^{-B}	3	B	FRESH.	SOPH.	JUN.	SEN.	
PLANE GEOM.	1	Astr 11 General	3	B ⁺	3	B ⁺	Phys 32a, b Fund Theoretical	3	A	3	A	A (4)	9	6	15	24
ADV. ALGEBRA	1	Math 12 Trig Geom Calculus	3	B ^A	3	A	Phys 23a Light	3	A			B (3)	18	18	9	
SOLID GEOM.		Phil 11 Introductory	3	B ^B	3	B	Phys 28b Introductory Aeronautics			3	A	C (2)	3	6		
PLANE TRIG.	1	Phys Ed 1a, b	-	C	-	B ⁻	Honors Credit	3		3		D (1)				
ANC. & MED. HIST.		Phys 13b Introductory	3	A ⁻	3	A ⁻	Hrs. Credit	15		15		E (0)				
HIST. AMER.	1	<i>Hrs. carried</i>	15		15		1944 - 45 Major Mathematics - Honors					SH.	0	0	0	0
HIST.	2	<i>Hrs. credit</i>	15		15		Math 48a Honors Paper, Review	3	A		(Rambo)	AV.	3.2	3.0	3.6	4.0
LATIN	3						Math 43 Adv Calculus	3	A	3	A		96	90	87	96
FRENCH							Phys 42a, b Adv Magnet & Electr	3	A	3	A		30	30	24	24
GERMAN		1942 - 43					Phys 33 Modern Physics	3	A ^A	3	A	AV. FOR 2 YRS.==				
MUSIC	1	Ger 11 Elementary	3	B ⁺	3	B ⁺	Math 48b Honors Paper, Review (McCoy)	3	A	3	A	AV. FOR 3 YRS.==				
BIOLOGY	1	Fr 26 Fr Lit 17 Cent	3	B ^C	3	C	Honors Credit	3		3		AV. FOR 4 YRS.==				
CHEMISTRY	1	Astr 22a Observatory Prac	3	B			<i>Hrs. credit</i>	15		15		PS.	1/6	1/6	1/6	1/6
PHYSICS		Math 21 Calculus	3	A	3	A						COURSE REQUIREMENTS MET AS FOLLOWS:				
ZOOLOGY		Phys 21 Laboratory	3	A ^{B⁺}	3	B ⁺						ENG. BY 11a		HYG. BY EXAM.		
		Phys Ed 2a, b	-	C	-	B ⁻						P. E. BY 1a, b: 2a, b				
		Astr 23b Variable Stars	3	B ⁺	3	B ⁺						GROUP II 6 BY Fr 26				
TOTAL UNITS	15	<i>Hrs. carried</i>	15		15							GROUP III 6 BY Astr. 11				
		<i>Hrs. credit</i>	15		15							GROUP IV 6 BY Phil 11				
												OPTION 6N Math 12				
PH. APT. TEST												WITHDREW				
525																
582																

SMITH COLLEGE Official Transcript
Northampton, Mass.

Joy Secor, Registrar

LETTERS OF REFERENCE

Evelyn Boyd

Dr. Otelia Cromwell, (Professor of English, retired), 1815 - 13th Street,
N. W., Washington, D. C.

Miss Evelyn Boyd's college transcript gives ample evidence of the unusually high calibre of her scholarship. Summa cum laude, Phi Beta Kappa, Sigma Xi speak eloquently for themselves.

I am glad to testify to Miss Boyd's refinement of bearing, her integrity of character, her modesty, and her wholesome standards of life. During her vacations she has been employed in statistical work at the Bureau of Standards, her service being so satisfactory that she has had no difficulty in being re-employed each season.

By her teachers and fellow students in the high school she is held in the highest esteem. I myself consider her an exemplary young woman.

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Professor Arthur T. Jones, Professor of Physics, Smith College

In her junior year I had Miss Boyd in three semesters of work in physics. One course was an introduction to Light, involving practically no mathematics. The other two semesters were a sequence in theoretical mechanics, for which the calculus is a prerequisite. In the Light there were nine students, in one semester of the Mechanics there were ten, and in the other semester of the Mechanics there were twelve. In all three semesters Miss Boyd stood definitely at the top of the class.



She is a fine, likeable girl, with an excellent mind and a will to work. She is earnest, dependable, thorough, and a girl who is, I judge, just the kind to whom you wish to award your fellowships. I expect her to continue to do work of marked excellence.

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Dr. Walter Ramberg, Physicist, National Bureau of Standards, Washington, D. C.

Miss Evelyn Boyd worked as a computer at the National Bureau of Standards during the summers of 1943 and 1944 and as a mathematician during the summer of 1945. In her work she carried out arithmetical computations involving trigonometric functions, used computing aids such as slide rules and computing machines, and checked and derived difficult mathematical equations involved in the determination of the stress distribution in aircraft structures. She did her work rapidly and with exceptionally high accuracy.

Miss Boyd got along well with her co-workers. She had a pleasing personality and was considerate in her dealings with others.

We consider Miss Boyd to be a person having a keen mathematical mind and believe she is capable of making a real contribution in the field of mathematical physics in which she is interested.

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Professor Neal H. McCoy, Professor of Mathematics and Chairman of the Department, Smith College

Miss Evelyn Boyd was graduated from Smith College with highest honors--one of perhaps four or five to receive such distinction in a class of around 450 students which finished last spring. I had her as a student in my mathematics classes through the larger part



of her college career and also directed her honors work. She is an unusual young lady with a live interest in mathematics and some real mathematical ability. It is my opinion that she is fully capable of successfully proceeding to the Ph.D. degree in mathematics. I have not heard how she is making out at Yale this year but no doubt you will receive reports from her instructors there. As you probably know, she was awarded a fellowship from Smith College to help her to begin graduate work this year. She also received a tuition scholarship at Yale and was offered a fellowship of some kind by Bryn Mawr but decided that she wanted to study at Yale.

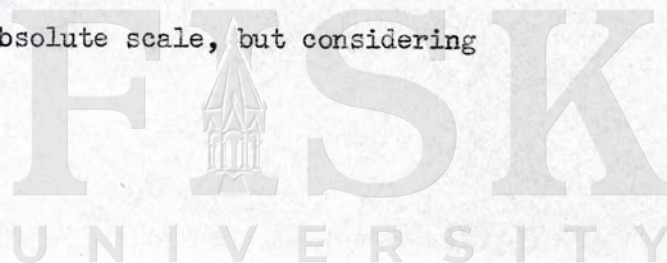
She is most dependable and conscientious, with an ideal attitude toward her work. It was quite common to find that she had done more than was assigned. If this is a rather enthusiastic report it is because I feel that she is just the kind of person who should be helped by your Fund. It is a pleasure to recommend her.

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Professor Einar Hille, Department of Mathematics, Yale University

Miss Boyd has shown sufficient promise in her work here for me to suggest to her that she should try to go on to the doctorate. The plan which she has submitted has my approval. She is perhaps somewhat optimistic as to the time: our students usually require a total of nearly four years of graduate work for the doctor's degree. It is hard to tell at the present stage if she will be able to get a doctor's degree. It is always a gamble; many a student who can complete the course work in a satisfactory manner, stumble and fall on the dissertation.

In Miss Boyd's case I find the gamble worth while. She has exceptional talent, perhaps not on an absolute scale, but considering



her sex and race. The percentage of women who can make good in mathematics is very small, that of Negroes who have made good still smaller. She has shown real interest in mathematics and ability to do the work at the preliminary level. I believe she has sufficient ability to go on and carry through her plans and that her application is worthy of your serious consideration.

She is intellectually on a par with most of our present first year graduate students, definitely better than some and not quite as good as the best. She is definitely above average, the white average. This is my reason for recommending her going on with her studies and the basis for my supporting her application.

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Name Evelyn Boyd
 Graduate student, Yale University
 370 Temple Street, New Haven, Connecticut

Field: Mathematics

Plan of Work To complete course requirements for the doctorate in mathematics. She hopes to begin reading for the doctor's dissertation at the beginning of the second semester.

Requests renewal from September 1947 to June 1948. Will study at Yale University under the supervision of Professor Einar Hille. Intends to apply to Yale for a fellowship.

Personal Data Born Washington, D. C., May, 1924 Age: 22
 Single Draft Status: None

Undergraduate Work Smith College, A.B., 1945

Graduate Work Yale University, M.A., 1946

Experience

Accomplishments Phi Beta Kappa, Sigma Xi Society

Scholarships: Rosenwald Fellowship, 1946, \$1000; Tuition scholarship awarded by Yale for graduate study, 1945-46; Smith student aid society fellowship (for use at Yale), 1945-46, \$700; Phi Delta Kappa Scholarship, Smith College, \$400 and \$100 applied to tuition each year (1941-45); Undergraduate scholarships (sophomore, junior and senior years) at Smith College, averaged \$650 per year.

References

Einar Hille, Yale University
 Deane Montgomery, Yale University

Budget Summary

Total Amount Needed	\$1494
From Applicant	200
From Fund	\$1294

AMOUNT GRANTED



Evelyn Boyd

PLEASE RETURN
TO
JULIUS ROSENWALD FUND

Progress Report

I received the M.A. degree in mathematics in June, 1946 from Yale U. This academic year I am pursuing course work in pure mathematics at Yale. The courses are in the following fields:

Modern Algebra
Point Set Topology
Group Theory (Topological groups)
Mathematical Methods of Statistics

Formerly, I had planned to study mathematical physics. In view of the time required to fulfill the requirements for the doctorate and in view of my limited resources, I have decided to concentrate solely in pure mathematics. Also this seemed the better choice since I plan to teach.

Plan of Work

I shall complete the course requirements for the doctorate next year. I shall be preparing for the oral exam which will be held either at the end of the fall term or at the end of the spring term. I hope to start reading for the dissertation at the beginning of the second term. As yet, I have not chosen a dissertation subject.

LETTERS OF REFERENCE

Evelyn Boyd

Professor Deane Montgomery, Associate Professor of Mathematics, Yale University, New Haven, Connecticut

I first met Miss Evelyn Boyd about four years ago when she was a student at Smith College and I was a Professor of Mathematics there. Although she did not take any class work from me at Smith, I met her at the Undergraduate Mathematics Club and I formed a high opinion of her from my conversation with her and from the reports of my colleagues. Here at Yale, to which we have both moved in the meantime, she is now taking a graduate course with me in topological groups. Her work in this course has been very good. She has solved a number of fairly difficult original exercises which have been assigned and has given some excellent oral reports. It is my opinion that she will be able to continue her work and obtain the doctorate in mathematics. She is a very conscientious, hard-working student, as well as an intelligent one. I believe that she is worth helping and I have no hesitation in recommending her highly to you.

Professor Einar Hille, Director of Graduate Studies in Mathematics, Yale University, New Haven, Connecticut

As far as I have been able to find out, Miss Boyd has been doing very well in her course work during the Fall term of 1946-47. She has received honors in at least two of her four courses which is a mark of distinction in graduate work. She got her Master's Degree in June, 1946, with very good marks. I have very little contact with her this year, but from all I hear, her performance is highly creditable and I believe she will be able to pass her orals in 1948 in good style.

It is a pleasure for me to recommend Miss Boyd for a Fellowship from your Fund. She is highly gifted to my way of thinking and "worthy and deserving" in the original sense of this hackneyed phrase. The number of Negro mathematicians will probably never be a large one, but the number is definitely increasing and there is a growing need for adequate training in mathematics by qualified mathematicians in our colored colleges. This means that a person like Miss Boyd has a future and serves a definite need in the community. This is one good reason why she deserves support from you.

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AIRMAIL

FELLOWSHIPS

April 30, 1946

Dear Miss Boyd: It is a pleasure to inform you that you have been selected by the Committee on Fellowships of the Julius Rosenwald Fund to receive a grant of One thousand dollars (\$1,000) for an eight-month period for advanced studies in mathematics and mathematical physics, at Yale University.

I want to point out the fact that the funds included in this award are not subject to Federal Income Tax.

Will you please let us know at once whether or not you can accept the fellowship? An announcement of the Committee's selections will soon be made, and it can include only those from whom acceptances have been received.

Sincerely yours,

WILLIAM C. HAYGOOD

Director for Fellowships

WCH:RFL

Miss Evelyn Boyd
370 Temple Street
New Haven, Connecticut

FISK
UNIVERSITY

FELLOWSHIPS

AIRMAIL SPECIAL

May 7, 1947

Dear Miss Boyd: It is a pleasure to inform you that you have been selected by the Committee on Fellowships of the Julius Rosenwald Fund to receive a renewal grant of One thousand two hundred dollars (\$1,200) for a nine-month period to enable you to complete course requirements for the doctorate in mathematics.

It is understood that this award is for current work and unless such work is begun before January 1, 1948, the grant will automatically lapse. I want to point out the fact that the funds included in this award are not subject to Federal Income Tax.

Will you please let us know, at once, whether or not you can accept the fellowship? An announcement of the Committee's selections will soon be made, and it can include only those from whom acceptances have been received.

Sincerely yours,
WILLIAM C. HAYGOOD

WCH:rfl

Miss Evelyn Boyd
370 Temple Street
New Haven, Connecticut

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