

*Chem*

✓ Please fill out and return in order that we may complete our records on former Rosenwald Fellows:

Name: *Ulysses S. Brooks*

Present position: *Associate Professor of Chemistry and Physics*

Address: *Johnson C. Smith University  
Charlotte, N.C.*

Significant recent activities:



(Use additional sheet if desired)

1830  
FELLOWSHIPS

October 13, 1941

Dear Mr. Brooks: I am glad to know that you are planning to continue your work, but I think it only fair to state what I think the Committee's reaction to an application for an additional summer grant would be. Summer grants as a rule are looked on with disfavor, and yours of last summer was somewhat unusual, since extensions are usually given to help complete the work of a current fellowship holder. I am inclined to think that your best procedure would be either to apply for a complete new fellowship or to present a project which could be completed in several successive summers.

Sincerely yours,

WCH:MLJ

WILLIAM C. HAYGOOD

Mr. Ulysses S. Brooks  
~~Johnson S. Smith University~~  
Charlotte, North Carolina

FISK  
UNIVERSITY

# FELLOWSHIPS

JOHNSON C. SMITH UNIVERSITY

CHARLOTTE, NORTH CAROLINA

COLLEGE OF LIBERAL ARTS

Division of Mathematics and Sciences

October 7, 1941.

|     |    |     |    |
|-----|----|-----|----|
| WCH | 13 | WCH | 13 |
| DE  |    | DE  |    |
|     |    |     |    |
|     |    |     |    |

Mr. William C. Haygood,  
Julius Rosenwald Fund,  
Chicago, Ill.

My dear Mr. Haygood:

If you think it advisable, I would like to have a blank to apply for another extension of my fellowship to be used at the University of Chicago during the Summer of 1942. I did not mention it when I talked to you last summer because I was not sure, I still am not sure, that a second extension for summer work is not too much to ask. I must return to the University next summer. If any further grant is possible, it would be a tremendous help.

Respectfully yours,

*Ulysses S. Brooks*

Ulysses S. Brooks.

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To

Mr. Ulysses S. Brooks

24 Snell Hall

University of Chicago

Chicago, Illinois

Payment Voucher No. 3211


Date July 1, 1941

Final payment on extension to fellowship grant - - - - - \$75.00

Ck.#25307

| Accounts          | Appropriation No. | Debit   | Credit |
|-------------------|-------------------|---------|--------|
| Negro Fellowships | 39-7              | \$75.00 |        |

|                          |            |           |   |
|--------------------------|------------|-----------|---|
| Prepared by<br><b>AM</b> | Checked by | Posted by | <br>Comptroller |
|--------------------------|------------|-----------|---|

JML:AM

# FELLOWSHIPS

June 23, 1941

Dear Mr. Brooks: I have changed your  
record of payment so  
that you will receive the balance of your  
fellowship grant for summer study on July 1  
instead of July 21.

Very truly yours,

DOROTHY A. ELVIDGE

DAE:AM

Mr. Ulysses S. Brooks  
24 Snell Hall  
University of Chicago  
Chicago, Illinois

**FISK**  
  
UNIVERSITY

# FELLOWSHIPS

|     |      |     |      |
|-----|------|-----|------|
| DE  | 6/23 | DE  | 6/23 |
| WCH |      | WCH | 0    |
|     |      |     |      |
|     |      |     |      |

24 Snell Hall,  
University of Chicago,  
Chicago, Ill.

June 23, 1941.

Miss Dorothy A. Elvidge,  
Julius Roosevelt Fund,  
Chicago, Ill.

My dear Miss Elvidge:

My calculation in regard to initial expense seems to have been very poor. I shall need the remainder of my extension July 1. Two payments - \$35.00 July 1, and \$40.00 July 20 - would be all right. Probably one payment - the whole amount July 1 - involves less book-keeping. Either way will suit me.

I have started to work and have hope of getting a reasonable amount done. I am looking forward to meeting your new director - Mr. Raygood - later in the summer.

Respectfully yours,  
Ulysses S. Brooks!

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

FELLOWSHIPS

To

Mr. Ulysses Simpson Brooks

Payment Voucher No. 3099

Date June 18, 1941

First payment on extension to fellowship granted 4/11/41 - - - - \$75.00

Ck.#25182

| Accounts          | Appropriation No. | Debit   | Credit |
|-------------------|-------------------|---------|--------|
| Negro Fellowships | 39-7              | \$75.00 |        |

|                          |            |           |
|--------------------------|------------|-----------|
| Prepared by<br><b>AM</b> | Checked by | Posted by |
|--------------------------|------------|-----------|



Comptroller

# FELLOWSHIPS

April 22, 1941

Dear Mr. Brooks:      When you are ready to begin  
   work under the extension to  
your fellowship grant for work this summer at the  
University of Chicago, please let me know how you  
would prefer to receive payment.

Very truly yours,

DOROTHY A. ELVIDGE

DAE:AM

Mr. Ulysses S. Brooks  
~~Johnson C. Smith University~~  
Charlotte, North Carolina

FISK  
UNIVERSITY

# FELLOWSHIPS

April 16, 1941

Dear Mr. Brooks: There is of course no objection to your seeking additional aid for the summer of work at the University of Chicago. All good wishes to you in the study which you have proposed, and in obtaining supplementary funds for that purpose.

Very truly yours,

GMR:MLU

GEORGE M. REYNOLDS  
*mu*

~~Mr. Ulysses S. Brooks~~  
Johnson C. Smith University  
Charlotte, North Carolina

FISK  
UNIVERSITY

# FELLOWSHIPS

|  |     |    |    |      |
|--|-----|----|----|------|
|  | GAR | 16 | GF | 16   |
|  | DE  |    | DE | 4/22 |
|  |     |    |    |      |
|  |     |    |    |      |

J.C. Smith University,  
Charlotte, N.C.,  
April 14, 1941.

Mr. George M. Reynolds,  
4901 Ellis Ave.,  
Chicago, Ill.

My dear Mr. Reynolds:

I am writing to express my gratitude to you and your committee for awarding me one hundred fifty dollars ( \$150.00 ) for the summer of 1941. It constitutes a tremendous help.

Since I filed my application with you I decided to apply for help toward tuition from the LaVerne Noyes Foundation. I do not yet know what the outcome of this will be. Should it materialize, it will amount to, I believe, about twenty-five dollars ( \$25.00 ). I hope that this would not be objectionable to your committee. If the application should be withdrawn, kindly inform me.

Again, be assured of my appreciation for your consideration.

Respectfully yours,

*Ulysses S. Brooks.*

Ulysses S. Brooks.

**FISK**  
UNIVERSITY

# FELLOWSHIPS

|  |    |     |  |  |
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|  | 18 | 620 |  |  |
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J.C. Smith University,  
Charlotte, N.C.,  
February 8, 1941.

Mr. George M. Reynolds,  
Julius Rosenwald Fund,  
Chicago, Ill.

My dear Mr. Reynolds:

Enclosed herewith is my application for a small amount of assistance to be used during the Summer Quarter of 1941. I appreciate your willingness to consider my request.

Respectfully yours,

*Ulysses S. Brooks*  
Ulysses S. Brooks.

# FELLOWSHIPS

January 28, 1941

Dear Mr. Brooks: We will have to consider your request for assistance as an extension of your grant, since it involves a small amount of money and is for only a summer of work. We will have to have full information, however, so I am asking you to fill out a blank - a full one, since your fellowship was one of the first under the new program. Will you please have all of the necessary material in our office by February 15? We will need transcripts only of the work you did under your 1937 fellowship.

Very truly yours,

GMR:MLU

GEORGE M. REYNOLDS

Mr. Ulysses S. Brooks  
Johnson C. Smith University  
Charlotte, North Carolina

FISK  
  
UNIVERSITY

# FELLOWSHIPS

1937 Fellow  
in Chemistry  
Renewal form -

Johnson C. Smith University,  
Charlotte, N.C.,  
January 22, 1941.

|  |     |    |     |    |
|--|-----|----|-----|----|
|  | GMR | 24 | ask | 28 |
|  |     |    |     |    |
|  |     |    |     |    |
|  |     |    |     |    |

Mr. George M. Reynolds,  
Rosenwald Fund,  
Chicago, Ill.

My dear Mr. Reynolds:

Do you think that your Committee would consider a request for a small amount to assist one in work during the summer? In all probability I shall have to complete my work during the summer months. As I have already said, the proposition which I mentioned to you last summer ( the idea of getting a grant to buy apparatus to work at home ) has proved impractical. Too, this procedure would be somewhat expensive.

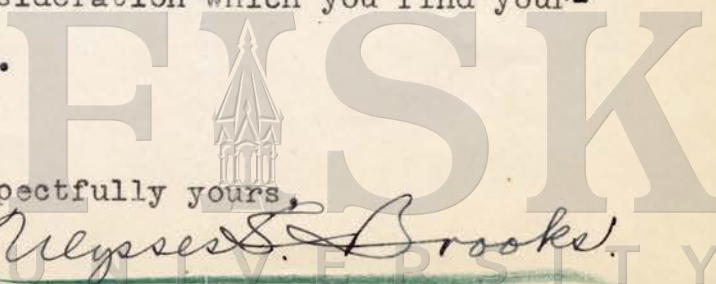
The work was morw encouraging last summer than it has been before. One or two more quarters like that should give me a dissertation. One hundred fifty dollars ( \$150.00 ) would reduce the expense <sup>for</sup> the quarter to the point that it will not be exceedingly burdensome. Any amount will provide some relief.

Will the same formal blank that was filled for the grant for a year which I received ( 1937 - 1938 ) be necessary?

I shall appreciate any consideration which you find yourself able to give this inquiry.

Respectfully yours,

*Ulysses S. Brooks*



## Julius Rosenwald Fund

Edwin R. Embree  
President  
Margaret S. Simon  
Secretary  
D.A. Elvidge  
Comptroller

4901 Ellis Avenue  
CHICAGO

NEGRO HEALTH  
Director  
M.O. Bousfield, M.D.  
Consultants  
Franklin C. McLean, M.D.  
Clifford E. Waller, M.D., U.S.P.H.S.

September 25, 1940

Dear Mr. Brooks: Our trustees have a continuing interest in the work and progress of those who have held Rosenwald Fund fellowships, and we are now in the process of preparing a report for the fall meeting. We will greatly appreciate your bringing us up to date on your career since you were awarded a fellowship, and to expedite your furnishing this information we have listed several questions at the bottom of the page. Will you please answer these and return this sheet to us at your earliest convenience?

If there has been no change in your status since you gave us information last fall, simply write "no change" at the bottom of the page and return it to us in the enclosed envelope.

Very truly yours,

Mr. Ulysses S. Brooks  
~~Johnson C. Smith University~~  
Charlotte, North Carolina

  
Director for Fellowships

Present position: Teacher - Physics and Chemistry.

Address: Johnson C. Smith University,  
Charlotte, N.C.

Has there been any change in your title or salary since your last report?  
**One hundred dollars a year increase in salary.**

Publications, if any:

Have you been able to do further work toward your degree? **Yes.**  
**I obtained some fair results during the Summer Quarter - 1940.**

Special honors or activities:

General remarks:

I have considered applying for aid to buy apparatus so that I may work here. My routine work is keeping me busy to the extent that this would not be justified. I am abandoning the idea for the present. I hope that I shall be able to complete my work during the summer.



# FELLOWSHIPS

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|--|-----|----|---|----|
|  | GMR | 23 | 6 | 23 |
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|  |     |    |   |    |

J.C. Smith University,  
Charlotte, N.C.,  
October 21, 1939.

Mr. George M. Reynolds,  
4901 Ellis Ave.,  
Chicago, Ill.  
Dear Mr. Reynolds:

I have hesitated in replying to your letter of September 28 because the probability of getting leave seems extremely low. It is a situation which I can not understand; therefore I do not expect anybody else to understand it. At any rate, I am requesting that you send me a blank. It may be that actually having a fellowship might enhance my chance of getting leave.

I thank you for the suggestion that I apply.

Respectfully yours,

*U. S. Brooks*

U. S. Brooks.

# FELLOWSHIPS

September 28, 1939

Dear Mr. Brooks: Thank you for returning the report to us so promptly, and congratulations on your advance in rank.

I am very sorry that I have no suggestion which would be helpful toward the provision of the equipment which you propose to use in your laboratory, as grants-in-aid are no longer a part of the fellowship program. If you wish to apply for a fellowship which would enable you to return to the University to complete your work I shall be glad to send you blanks.

Very truly yours,

GMR\*MLU

GEORGE M. REYNOLDS

Mr. Ulysses S. Brooks  
Johnson C. Smith University  
Charlotte, North Carolina

FISK  
  
UNIVERSITY

# FELLOWSHIPS

|  |     |   |      |   |
|--|-----|---|------|---|
|  | GMR | 7 | Miss | 0 |
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J.C. Smith University,  
Charlotte, N.C.,  
Nov. 4, 1938.

Mr. George M Reynolds,  
Julius Rosenwald Fund,  
Chicago, Ill.  
My dear Mr. Reynolds:

I returned to my work here in September. My status is the same that it was before I received my grant. It may be said, however, that financial developments in our organization during the year would not permit any advances.

My teaching duties are such that it is difficult to outline any plans in addition to taking care of them. I hope that after another month I shall be able to find a little time for personal study, with a view to returning to the University of Chicago next summer. I am now trying to improve the presentation of some of our courses here.

I shall send the report for which you ask in the next few days.

Respectfully yours,

Ulysses S. Brooks.

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To

Mr. Ulysses S. Brooks

659 East 64th Street

Chicago, Illinois

Payment Voucher No. 9025

Date May 31, 1938

Final payment on fellowship granted 4/15/37 - - - - - \$150.00

Chk. #9025 W. F.

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 86-31             | \$150.00 |        |

Prepared by  
AM

Checked by

Posted by



Comptroller

BP-0  
J.E-0  
FELLOWSHIPS

639 E. 64 St.,  
Chicago, Ill.,  
May 26, 1938.

|     |    |      |   |
|-----|----|------|---|
| RRP | 31 |      |   |
| DE  |    | 5/31 | 0 |

Brooks, Ulysses

Mr. Raymond Paty,  
Julius Rosenwald Fund,  
Chicago, Ill.

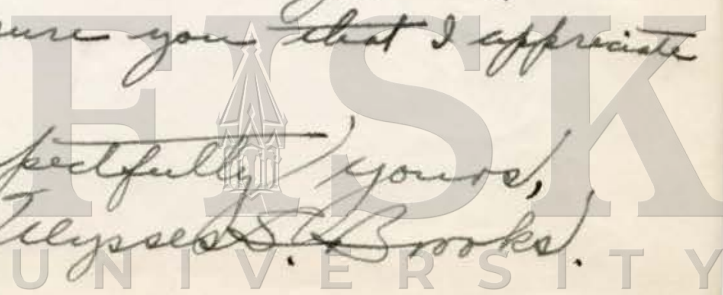
My dear Mr. Paty:

I apologize for my long delay in writing. I thank you for your advance information in regard to the action of your Board. Although the result could not be favorable this time, I am deeply appreciative of your interest and consideration.

If I can manage to get a semester's leave during the next year or two, it may that you will be able to consider an application for a small grant. What arrangements I shall be able to make in regard to finishing my work will not be certain before <sup>the</sup> fall. Dr. Young is now in California; he will be back about the last of July. I shall discuss it tentatively with him then.

Please ask Miss Elvidge to send the remainder of my grant about June 1. Again permit me to assure you that I appreciate this help.

Respectfully yours,  
Ulysses S. Brooks



# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To

Mr. Ulysses Simpson Brooks

639 East 64th Street

Chicago, Illinois

Payment Voucher No. 6590

Date April 29, 1938

Eleventh payment on fellowship granted 4/15/37 ----- \$100.00

Ck./19469

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-31             | \$100.00 |        |

|                   |            |           |
|-------------------|------------|-----------|
| Prepared by<br>AM | Checked by | Posted by |
|-------------------|------------|-----------|



Comptroller

# FELLOWSHIPS

P

April 29, 1938

Dear Mr. Brooks:            Enclosed you will find  
   our check for \$100 repre-  
senting the eleventh installment on your fellow-  
ship grant. There remains a balance of \$150  
which we shall send to you on request.

Very truly yours,

DOROTHY A. ELVIDGE

DE:AM

Mr. Ulysses Simpson Brooks  
639 East 64th Street  
Chicago, Illinois

FISK  
UNIVERSITY

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To

Mr. Ulysses Simpson Brooks

639 East 64th Street

Chicago, Illinois

Payment Voucher No. 6451

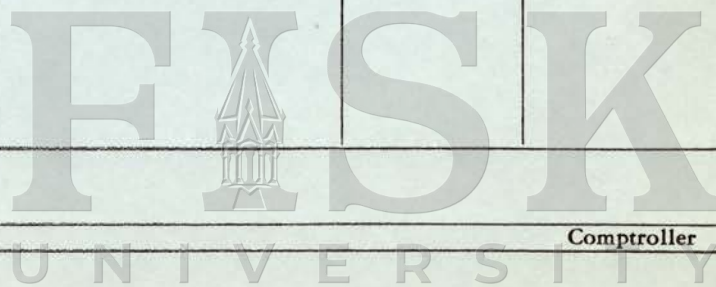
Date March 31, 1938

Tenth payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#19307

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 56-31             | \$100.00 |        |

|             |            |           |             |
|-------------|------------|-----------|-------------|
| Prepared by | Checked by | Posted by | Comptroller |
| AM          |            |           |             |



# FELLOWSHIPS

March 17, 1938

Dear Mr. Brooks: At the recent meeting of our Fellowship Committee I asked that I be allowed to inform our fellows who are requesting renewals of the action of the Committee as soon as definite decision was made. I am sorry to inform you that the Committee was unable to act favorably upon your request, and although no formal announcement of our grants will be made until the latter part of April, I think that this confidential information regarding the action in your case will help you to make your plans for next year.

The task of the Committee was even more difficult than last year. In addition to a host of new applications of a superior quality there were many requests for renewals.

The Committee was delighted with the reports which it has received about you and your work, and regrets that it can not substantiate its interest by a renewal of your fellowship.

I wish to assure you of our continued interest in you and your career, and hope that we may hear from you from time to time.

Sincerely yours,

RP:MLJ

RAYMOND R. PATY

Mr. Ulysses S. Brooks  
639 East 64th Street  
Chicago, Illinois

FISK  
UNIVERSITY

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To  
Mr. Ulysses Simpson Brooks  
639 East 64th Street  
Chicago, Illinois

Payment Voucher No. 6323


Date February 28, 1938

Ninth payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#19155

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-31             | \$100.00 |        |

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|-------------------|------------|-----------|---|
| Prepared by<br>AM | Checked by | Posted by | <br>Comptroller |
|                   |            |           |   |

639 E. 64 St.,  
Chicago, Ill.

February 17, 1938.

Mr. Raymond Paty,  
4901 Ellis Ave.,  
Chicago, Ill

My dear Mr. Paty:

In the same spirit in which I originally applied to your Fund for aid I am forwarding an application for renewal of the fellowship which I now hold. I am asking for fifteen hundred dollars (\$1500.00); and I don't see how I can get along on much less. I shall be glad to make an effort on whatever award the Committee finds itself able to make.

Let me again express my appreciation of your encouragement, in regard to applying for renewal, in our recent conversation.

Respectfully yours,  
Wlysses S. Brooks

FISK  
UNIVERSITY

Continuation  
of University  
of Chicago  
Department  
document

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

## FELLOWSHIPS

To  
Mr. Ulysses Simpson Brooks  
659 East 64th Street  
Chicago, Illinois

Payment Voucher No. 6181

Date January 31, 1938

Eighth payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#19006

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-31             | \$100.00 |        |

|                   |            |           |
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| Prepared by<br>AM | Checked by | Posted by |
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Comptroller

# The University of Chicago

Office of the Bursar

ROOM 100, PRESS BUILDING

## FELLOWSHIPS

January 8, 1938

|  |    |  |    |   |
|--|----|--|----|---|
|  | DE |  | DE | 0 |
|  | RP |  | RP | 0 |
|  |    |  |    |   |
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The Julius Rosenwald Fund  
4901 Ellis Avenue  
Chicago, Illinois

Gentlemen:

This will certify that Mr.  
Ulysses S. Brooks is registered as a graduate student  
in the Division of Physical Sciences for the current  
quarter which began January 3 and will end March 18,  
1938. His tuition for this quarter amounts to \$100.00  
and has been paid as follows:

\$25.00 cash by Mr. Brooks  
75.00 LaVerne Noyes Scholarship

\$100.00

Very truly yours,

*Albert F. Cotton*  
Assistant Bursar

AFCotton:V

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To

Mr. Ulysses Simpson Brooks

639 East 64th Street

Chicago, Illinois

Payment Voucher No. 6018

Date December 16, 1937

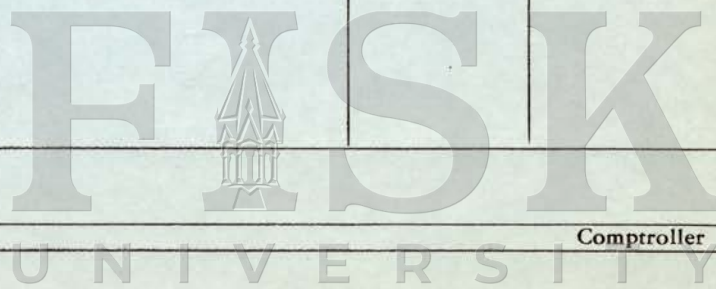
Seventh payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#18801

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-31             | \$100.00 |        |

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|-------------------|------------|-----------|--|
| Prepared by<br>AM | Checked by | Posted by |  |
|-------------------|------------|-----------|--|



Comptroller

# Julius Rosenwald Fund

4901 Ellis Avenue

CHICAGO

FELLOWSHIPS

To Mr. Ulysses Simpson Brooks  
 639 East 64th Street  
 Chicago, Illinois

Payment Voucher No. 5827

Date November 30, 1937

Sixth payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#18585

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-31             | \$100.00 |        |

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| Prepared by<br>AM | Checked by | Posted by |
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# FELLOWSHIPS

639 E. 64 St.,  
Chicago, Ill.,

Nov. 5, 1937 Conf. 11/9-37

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|-----|---|---|------|-----|---|
| RRR | 5 | 4 | 1937 | RIP | 0 |
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My dear Mr. Paly:

I am enjoying my work immensely. As best I recall this is the ~~ff~~ sixth full year which I have been able to devote to study during my entire life. Probably this, to a great extent, accounts for the pleasure which it affords.

It is very probable that I shall need another year. I should like to file another application, if you will countenance it. I believe that I shall be able to get the same recommendations which my last application contained. I would be glad to talk this matter over with you.

Respectfully yours,  
Ulysses S. Brooks

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To Mr. Ulysses Simpson Brooks  
~~639 East 64th Street~~  
Chicago, Illinois

Payment Voucher No. 5706

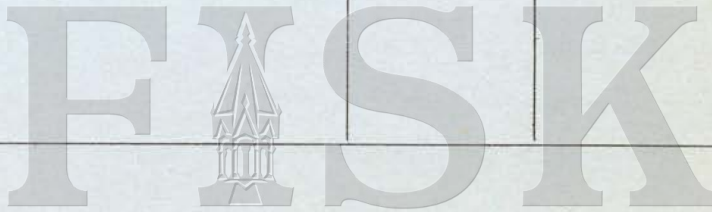
Date October 29, 1937

Fifth payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#18461

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 56-51             | \$100.00 |        |

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|-------------|------------|-----------|--|
| Prepared by | Checked by | Posted by |  |
| AM          |            |           |  |

The University of Chicago FELLOWSHIPS

Office of the Bursar

ROOM 100, PRESS BUILDING

October 14, 1937

The Julius Rosenwald Fund  
4901 Ellis Avenue  
Chicago, Illinois

|  |     |    |    |   |
|--|-----|----|----|---|
|  | MWS | 15 | WR | 0 |
|  | RRP | 19 | RP | 0 |
|  | DE  |    | DE | 0 |
|  |     |    |    |   |

Gentlemen:

This will certify that Mr. Ulysses S. Brooks is registered as a graduate student in the Division of Physical Sciences for the current quarter which began October 4 and will end December 22, 1937. His tuition for this quarter amounts to \$100.00 and has been paid as follows:

\$25.00 cash by Mr. Brooks  
75.00 LaVerne Noyes Scholarship

\$100.00

Very truly yours,

*Albert F. Cotton*  
Assistant Bursar

AFCotton:V

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

# FELLOWSHIPS

To Mr. Ulysses Simpson Brooks  
639 East 64th Street  
Chicago, Illinois

Payment Voucher No. 5544

Date September 30, 1937

Fourth payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck. #18259

| Accounts          | Appropriation No. | Debit     | Credit |
|-------------------|-------------------|-----------|--------|
| Negro Fellowships | 36-51             | \$100.00  |        |
| Prepared by       | Checked by        | Posted by |        |
| AM                |                   |           |        |



# Julius Rosenwald Fund

4901 Ellis Avenue

CHICAGO

# FELLOWSHIPS

To

Mr. Ulyses Simpson Brooks

689 East 64th Street,

Chicago, Illinois

Payment Voucher No. 5410

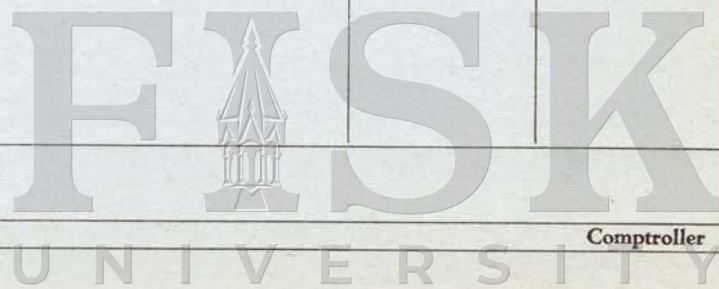
Date August 31, 1937

Third payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck. #18101

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-31             | \$100.00 |        |

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|-------------|------------|-----------|
| Prepared by | Checked by | Posted by |
| AM          |            |           |



# Julius Rosenwald Fund

4901 Ellis Avenue

CHICAGO

# SCHOLARSHIP

To

Mr. Ulysses Simpson Brooks

659 East 64th Street

Chicago, Illinois

Payment Voucher No. 6927

Date August 8, 1937

Second payment on fellowship granted 4/15/37 - - - - - \$100.00

Ck.#6927

| Accounts          | Appropriation No. | Debit     | Credit |
|-------------------|-------------------|-----------|--------|
| Negro Fellowships | 56-51             | \$100.00  |        |
| Prepared by       | Checked by        | Posted by |        |
| AM                |                   |           |        |



UNIVERSITY

Comptroller

The University of Chicago

Office of the Bursar

SCHOLARSHIP

ROOM 100, PRESS BUILDING

July 19, 1937

*Am 10*

The Rosenwald Fund  
4901 Ellis Avenue  
Chicago, Illinois

Gentlemen:

This will serve to  
verify the fact that Mr. Ulysses S. Brooks  
has paid fees for the current quarter which  
began June 16, 1937 and will end August 27,  
1937 as follows:

Tuition - \$100.00

Of this amount \$75.00 is represented by a  
scholarship from the University and \$25.00  
in cash.

Very truly yours,

*Albert F. Cotton*

Assistant Bursar

AFCotton:V

FISK  
UNIVERSITY

SCHOLARSHIP

July 13, 1937

Dear Mr. Brooks: Thank you for your letter of July 10. Both Mr. Paty and Miss Elvidge are away and I was not familiar with the conditions of your fellowship. While it is our custom to pay tuitions direct to the school, under the present set-up I see no reason why the arrangement suggested in your letter should not be satisfactory. It might be well to keep our file up-to-date; so, if it is not too much trouble I would appreciate your sending statements to the effect that your tuition has been paid.

You may expect your next check of \$100 on or about August 1.

Very truly yours,

*AW.*

AM:RW

Mr. U. S. Brooks  
639 East 64th Street  
Chicago, Illinois

FISK  
UNIVERSITY

SCHOLARSHIP

639 E. 64 St.,  
Chicago, Ill.,  
July 10, 1937.

6/13/37

A.M.

Miss Alice A. Merrill  
Julius Rosenwald Fund,  
Chicago, Ill.

Brooks, Ulysses

My dear Miss Merrill:

In Mr. Paly's letter of April 15, 1937, in which I was informed that a fellowship had been granted me, he stated that the amount of the award was based on the hope that I would receive a La Verne Hayes scholarship, which pays tuition, from the University. This summer that Fund paid three-fourths of my tuition; I paid twenty-five dollars. I have a promise of the same amount for the autumn quarter. After that I am sure that I shall get some of it, but I don't know how much.

If you will permit it, I would like to ~~at~~ attempt to make whatever adjustments I can with my tuition and inform you of the results. You may always see the receipts. I am sending my receipts for this quarter. Please drop them into your next communication. If you wish a

statement (to the effect that tuition has been paid) for your files, I shall be glad to get it.

If you approve the arrangement which I have outlined, I would appreciate having my fellowship divided into eleven payments of one hundred dollars each and the last payment of one hundred fifty dollars. If you have reason to prefer to pay directly any tuition which I must pay, would you deduct the amount of such tuition from your payments for the period in which the tuition is due?

Respectfully yours,  
Ulysses Brooks

SCHOLARSHIP

July 7, 1937

Dear Mr. Brooks: Your letter of July 5 has been referred to me in Mr. Paty's absence. I am enclosing our check for \$100 which represents our first payment on your fellowship. Inasmuch as school has started I suppose you have already paid your tuition fee to the University of Chicago. If you will send me a duplicate statement from the university, I shall see that you are reimbursed. In the future will you have the university send me the statement for your tuition charges? Then, I shall pay them direct.

In answer to your request to have payment of your fellowship distributed over a twelve-month period, we shall be very happy to accommodate you. If you will write or telephone me to let me know what the tuition charges at the university will be, I will arrange to set up the remainder of the fellowship grant to cover a twelve-month period.

Very truly yours,

*AM.*

AM:RW

Mr. Ulysses S. Brooks  
639 East 64th Street  
Chicago, Illinois

FISK  
UNIVERSITY

# Julius Rosenwald Fund

4901 Ellis Avenue  
CHICAGO

## SCHOLARSHIP

To Mr. Ulysses S. Brooks  
659 East 64th Street  
Chicago, Illinois

Payment Voucher No. 8897

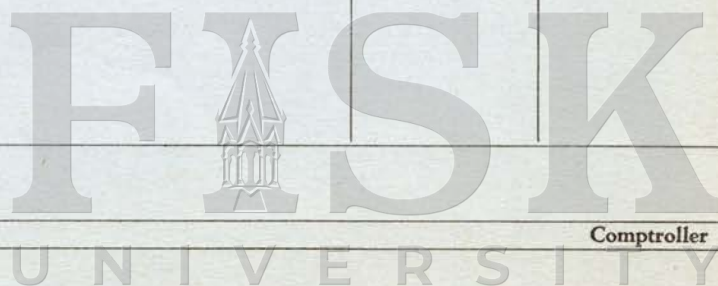
Date July 7, 1957

First payment on fellowship granted 4/15/57 - - - - - \$100.00

Ck.#8897

| Accounts          | Appropriation No. | Debit    | Credit |
|-------------------|-------------------|----------|--------|
| Negro Fellowships | 36-51             | \$100.00 |        |

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|-------------------|------------|-----------|
| Prepared by<br>AM | Checked by | Posted by |
|-------------------|------------|-----------|



Comptroller

SCHOLARSHIP

639 E. 64 St.,  
Chicago, Ill.,  
July 5, 1937.

Mr. Raymond Paty,  
4901 Ellis Ave.,  
Chicago, Ill.

|  |     |   |     |   |
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|  | RRP | 6 |     | 0 |
|  | AM  |   | AM. |   |
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My dear Mr. Paty:

I am at the University of Chicago this summer. I should like to be informed in regard to the method of distributing the award which your organization gave me. If I have any choice in the matter, I would ~~prefer~~ prefer to have it distributed as equally as practicable over twelve months, beginning this month.

Ever since I have been here, I have intended to call at your office to talk over this matter, but it seems that I have not been able to find the time.

Respectfully yours,  
Ulysses S. Brooks

FISK  
UNIVERSITY

# JOHNSON C. SMITH UNIVERSITY

SCHOLARSHIP

Under The Auspices of  
THE BOARD OF NATIONAL MISSIONS  
OF THE PRESBYTERIAN CHURCH  
IN THE U. S. A.  
156 Fifth Avenue, New York, N. Y.

College of Liberal Arts  
Theological Seminary  
and  
A Summer School for Teachers

Work for Colored People  
510-512 Bessemer Bldg., Pittsburg, Pa.  
Rev. John M. Gaston, D.D., LL.D.,  
Secretary

REV. H.L. MCCROREY,  
PRESIDENT AND TREASURER

Charlotte, North Carolina

November 23, 1936.

|  |     |    |   |   |
|--|-----|----|---|---|
|  | MWS | 25 | M | 0 |
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The Julius Rosenwald Fund,  
4901 Ellis Ave.,  
Chicago, Ill.  
Gentlemen:

I am pleased to state that, as far as prediction is possible, I shall be glad to have Mr. U.S. Brooks return to his present position at the expiration of the period of study for which he is applying. The date of his return should be about September 15, 1938.

Respectfully yours,

*H. L. McCrorey*

Rev. H.L. McCrorey, President.

FISK  
UNIVERSITY

# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

## Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses Simpson Brooks

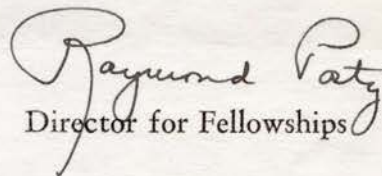
Report Requested of Dr. Franklin C. McLean

University of Chicago

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

  
Director for Fellowships

## REPORT

In spite of the fact that my acquaintance with Mr Brooks and his qualifications is very slight, it was I who suggested to him that he apply for a Julius Rosenwald Fund fellowship.

Last summer Mr. Brooks came to me, at the suggestion of Professor Young of the Department of Chemistry, in order to consult with me concerning some of our work on the ionization of calcium salts. During the conversation Mr. Brooks showed such a complete grasp of the theoretical aspects of a difficult subject that I was immediately struck by the possibilities for his further development, and inquired of him concerning his present activities and plans. It was that conversation which led to his present application.

After talking with Mr. Brooks I talked with Professor Young concerning him, and found that Professor Young confirmed my impressions. I have a very high opinion of Professor Young, who is an expert in the field in which Mr. Brooks is interested, and feel that a great deal of weight

MSK  
OVER  
UNIVERSITY

JULIUS ROSENWALD FUND

should be attached to any recommendations he may make to the Fund.

As to the plan of work, this represents a field in which I am personally very much interested. Ordinarily the biological applications of physical chemical knowledge must wait upon the discoveries of the physical chemists. In this instance the biologists got a little ahead of the physical chemists, and opened up a new field for their further exploration, i.e., the ionization of calcium salts, which appears to deviate from the general rules previously accepted by most chemists. Professor Young is at present engaged in such exploration, and it would be a source of personal satisfaction to me to have Mr. Brooks take part in this work under his direction and under the auspices of the Fund.

As to an outlet for Mr Brooks' talents, I should say that he is personally most acceptable, and that professionally he is already probably superior to most of the professors of chemistry in Negro colleges and universities. He should be able to lend distinction to any department of chemistry to which he is eligible for appointment.

*Raymond Paty*  
Director for Fellowships

REPORT

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. See above.

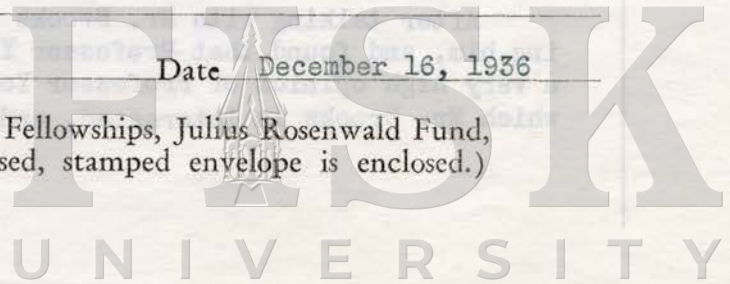
Signed Frederick C. Ill. Lee

Position or Title \_\_\_\_\_

Address University of Chicago

Date December 16, 1936

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)



OVER

SCHOLARSHIP

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses Simpson Brooks

Report Requested of Dr. T. F. Young

University of Chicago, Chicago, Illinois

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Paty*  
Director for Fellowships

REPORT

Mr. U.S. Brooks is an exceptionally worthy candidate for a fellowship. He has done well in his courses here, and in his research for the M.S. degree. Whatever he may have lacked in early training has been largely offset by his interest, industry and intelligence. He has read much literature outside of course material and has attained to a good understanding of certain phases of modern research in physical chemistry.

Mr. Brooks has a good bearing, pleasing manners, and an unusually fine personality.

I have discussed this candidate with Dr. Franklin C. MacLean and

OVER

FISK  
UNIVERSITY

repeat here my enthusiastic support of Mr. Brooks' application. He seems to me to be just the type of man who should be aided.

The work which Mr. Brooks proposes to do is a part of an extensive project started several years ago in this laboratory. He has read papers and theses describing work already completed and is becoming familiar with the special methods developed here and elsewhere for attack on the problems of solutions of electrolytes. The laboratory is equipped for the type of work he wants to do. To me, no portion of physical chemistry is more interesting and, in my opinion, none is more important. Mr. Brooks would be very welcome in the laboratory. I believe that the training will be of value to him, and think it likely that he will make a worth while contribution.

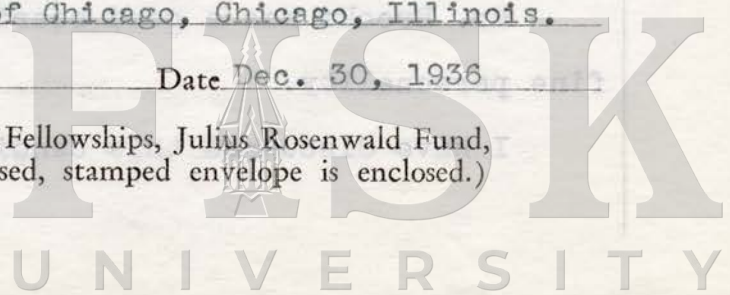
*T. F. Young*  
Director for Fellowships

REPORT

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 Mr. Brooks has no "handicaps" of any kind.

Signed *T. F. Young* T.F. Young  
Position or Title Assoc. Prof. of Chem., Univ. of Chicago.  
Address Department of Chemistry, Univ. of Chicago, Chicago, Illinois.  
Date Dec. 30, 1936

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)



# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

SCHOLARSHIP

## Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses Simpson Brooks  
Report Requested of  Dr. E. J. Rosenbaum  
University of Chicago

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Patey*  
Director for Fellowships

### REPORT

I have been acquainted with Mr. Brooks for about seven years. His personal qualities make it very easy to work with him. As a chemist, he is a slow worker, but a very careful and conscientious one. Under the wing of a competent research director Mr. Brooks would be able to make contributions in the field in which he is interested.

FISK  
UNIVERSITY  
OVER

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate Misses Blanton Brooks

Report Requested of Dr. E. J. Rosenbaum

University of Chicago

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Paty*  
Director for Fellowships

REPORT

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*

Signed

*E. J. Rosenbaum*

Position or Title

*Instructor*

Address

*Department of Chemistry, University of Chicago*

Date *12/16/36*

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)

OVER

HSK  
UNIVERSITY

# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

SCHOLARSHIP

## Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses Simpson Brooks

Report Requested of Dr. M. E. Thomasson

Johnson C. Smith University, Charlotte, North Carolina

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Paty*  
Director for Fellowships

## REPORT

1. Mr. Brooks has impressed me as possessing superior capacity to develop in his field and as having built up, already, a solid foundation of knowledge and understanding for use in further development. I make this statement on the basis of the following: (a) While I am not a chemist, my undergraduate work in agriculture (at Iowa State College), involving work in chemistry and its applications, provided a basis for interpreting discussions of chemical problems in which I have heard Mr. Brooks engaged. (b) Students who take courses under the applicant consider him thoroughly competent. (Incidentally, he resorts to no "tricks" and so on to make his courses popular.) (c) One of my colleagues - a Ph. D. in biology - has for three years regularly participated in advanced courses under Mr. Brooks in order to strengthen himself in chemistry. He has often spoken enthusiastically regarding the competence of his instructor.
2. Mr. Brooks works smoothly with, and is liked by, his immediate colleagues in his division. In his other group-work relations - committee work and so on - he carries on constructively and without friction. In the more than five years of my employment here he has had, so far as I know, no friction of any sort. He holds, and advances vigorously in discussions that arise, views which are at variance with views held on certain school problems by others here, including myself. He thinks clearly and expresses himself well, and while he can hit

strongly in a discussion, he does so soundly and fairly.

3. In planning and pursuing his graduate program, Mr. Brooks has been consistent. Apparently, he has known what he has wanted to develop toward in his field and has worked definitely in that direction.
4. I cannot criticize the project from the point of view of a chemist. Most of the discussion seems to be devoted to delineating the large area within which his own problem falls; relatively little to explicit statement of his own particular problem. I consider it extremely valuable - indispensable - that one should know the area within which he proposes to work and be able to place his own problem in this large area. I imagine, however, that a chemist would wish more of definiteness in regard to the applicant's own problem.

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

We shall appreciate a frank statement of your opinion of the applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Paty*  
Director for Fellowships

REPORT

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. I know of no trait that has interfered, or is likely to interfere, in the kinds of situations referred to. Friends who worked with Mr. Brooks at Texas College report that there he was the same kind of man that we have found him to be here - agreeable, frank, co-operative.

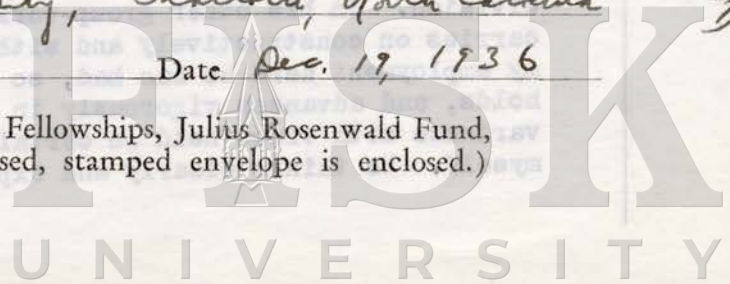
Signed *M. E. Thomason*

Position or Title *Professor of Education (Acting Dean of College of Liberal Arts, 1936-1937)*

Address *Johnson C. Smith University, Charlotte, North Carolina*

Date *Dec. 17, 1936*

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)



A.

Renewal Applicant

# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

## Confidential Report on Candidate for Fellowship

Name of Candidate Mr. Ulysses S. Brooks

Report Requested of Dr. E. J. Rosenbaum

University of Chicago

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

Director for Fellowships

### REPORT

Although I am not directly <sup>associated</sup> with the work Mr. Brooks is doing, I can say that he has been working conscientiously and, I believe, effectively. Mr. Brooks seems to be nearly over the first part of his research which very often in physical chemistry is tedious and unspectacular. I think he deserves the opportunity of carrying his work through to a definite conclusion.

Date 4/28  
Director for Fellowships, Julius Rosenwald Fund,  
4901 Ellis Avenue, Chicago, Illinois. (Address, stamped envelope is enclosed.)



JULIUS ROSENWALD FUND  
4901 ELLIS AVENUE  
CHICAGO

Confidential Report on Candidates for Fellowship

Name of Candidate \_\_\_\_\_  
Report Requested of \_\_\_\_\_  
University of Chicago \_\_\_\_\_

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

We shall appreciate a frank statement of your opinion of the applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

Director for Fellowships

REPORT

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

*E. Rosenbaum*

Position or Title

*Instructor in Chemistry*

Address

*Dept. of Chemistry  
University of Chicago*

Date *2/21/38*

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)

OVER

UNIVERSITY

Renewal  
applicant

X

# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

## Confidential Report on Candidate for Fellowship

Name of Candidate Mr. Ulysses S. Brooks

Report Requested of Dr. T. F. Young

University of Chicago

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

Director for Fellowships

### REPORT

Mr. U.S. Brooks is now doing very satisfactory work on his research problem. He has built several precise instruments to be used in conjunction with our special potentiometer for the measurement of very small temperature differences. He has cooperated intelligently and effectively in several aspects of our general problem and has become familiar with the general field of investigation. He could probably complete an acceptable thesis by returning to Chicago for a summer or two, but that procedure would not be quite satisfactory either for the training of Mr. Brooks or for the solution of the problem. He really needs another full year here both for his research and for his general development. His performance in our examinations has not only disclosed ability which should be developed, but also deficiencies which should be corrected.

I want to put the examination problem before you in detail: Our preliminary examination for the Ph.D. degree is divided into two parts; a written and an oral. The written examination contains four sets of questions in the four fields; physical, inorganic, analytical, and organic chemistry. Students who answer all four sets of questions satisfactorily take the oral examination a few weeks later. It is expected that students who did their undergraduate work at the University of Chicago will have passed the whole examination about a year after they begin graduate work.

OVER

All students are expected to have passed it about a year before the degree is granted. Of course students coming from outside and not familiar with our conditions can not be expected to pass their examinations as early as our own graduates.

Mr. Brooks has attempted the examination twice. Each time he passed two of the four parts, but on neither occasion did he pass the organic examination. Last October he passed the physical with a very high grade. Thirteen students took that examination in physical chemistry and only about half of them passed it. Mr. Brooks' paper was one of three practically equal ones (having grades of 93 and 94%) which were at the very top of the list. A quarter later, in January, Mr. Brooks did unsatisfactory work in the same subject. While there can be no doubt that he has real ability there can be no doubt that his training and information are defective and "spotty".

Most students who pass in only two subjects are asked to repeat the whole examination. Because Mr. Brooks' situation is a little different from the usual one, the faculty has asked Mr. Brooks to repeat only the organic part of the written examination. One factor influencing this decision was the excellent paper written by Mr. Brooks in October, in his own special field, physical chemistry. The faculty was also influenced by <sup>the fine work</sup> which Mr. Brooks had done on his problem for the M.S. degree and by the research work he is now doing.

Mr. Brooks examinations show that he has the ability to understand principles and concepts. His failure in the organic examination indicates a lack of factual knowledge. Of course, I can not guarantee that Mr. Brooks will learn the facts and pass the examination, but since his problem is primarily one of memory, I fully expect him to master it.

Personally Mr. Brooks is a fine, very desirable student, and is very worthy of all you can do for him. His ability as well as his weakness, it seems to me, argue for the desirability of another year here. I expect him in that time to earn his degree, but even in the event of an improbable failure he would be greatly benefitted by an additional year of study and research.

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.

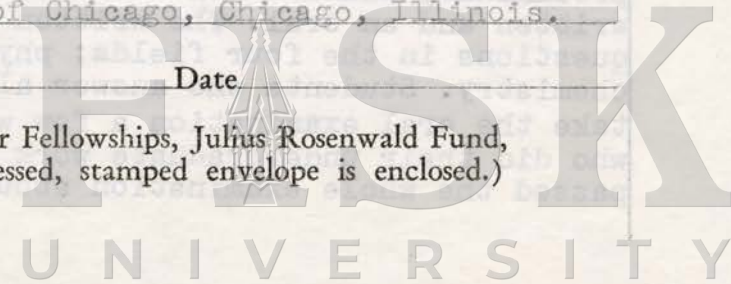
Signed T. F. Young T. F. Young

Position or Title Assoc. Prof. of Chemistry

Address Department of Chemistry, Univ. of Chicago, Chicago, Illinois

Date

(Please return to Raymond Páty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)



Renewal  
applicant

# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

## Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses S. Brooks

Report Requested of Warren C. Johnson

Department of Chemistry, University of Chicago.

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

Director for Fellowships

### REPORT

Mr. Brooks is one of the best of the negro students enrolled in the graduate department of chemistry during the past few years. He evidently came to the University with a rather poor undergraduate training and accordingly has been forced to spend a great deal of time in class work in overcoming this handicap. I feel that he has really shown considerably ability in making up these deficiencies and that his promise for the future in chemistry is such that he should be given as much encouragement as is now possible. His ability is by no means unusually great but he is above the average student in intelligence. From the standpoint of application of his ability, he certainly has done remarkably well.

Mr. Brooks has a good personality and is very well-liked by his fellow students and associates. He has poise and makes a good public impression. He cooperates well with a group on a given project and is very amenable to direction.

Although my contact with Mr. Brooks is limited to a couple of courses, I strongly feel that he will exhibit a strong influence in chemistry as a teacher and that he should be encouraged to prepare himself to discharge such a duty to the fullest extent.

OVER

UNIVERSITY

JULIUS ROSENWALD FUND  
4901 ELLIS AVENUE  
CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses S. Brooks

Report Requested of Warren C. Johnson

Department of Chemistry, University of Chicago.

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

Director for Fellowships

REPORT

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 am aware he does not not have any handicaps which would interfere with his work.

Signed

*Warren C. Johnson*

Position or Title Associate Professor of Chemistry

Address Kent Chemical Laboratory, University of Chicago, Chicago, Illinois.

Date February 28, 1938

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)

UNIVERSITY

RP  
✓

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

CONFIDENTIAL REPORT ON CANDIDATE FOR FELLOWSHIP

Name of Candidate Ulysses Simpson Brooks

Report Requested of Dr. D. M. Gans

164 Shepard Avenue, Newark, New Jersey

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

Raymond Patz  
Director for Fellowships

REPORT

Mr. U. S. Brooks was by far the best of my students for the master's degree at the University of Chicago. He did publishable work on the subject of adsorption. He is very intelligent and thorough-going in his studies, very pleasant to work with, and interested in his work and not in what material benefits that work will give him.

OVER

As one instance of his cooperative spirit I recall one summer in which he served as my laboratory assistant without pay because the department had no funds with which to take care of his services, and this at a time when he could have found good use for the money involved; he was glad to donate his services for the experience that would result.

The subject on which he intends to work lies in the forefront of our advancing knowledge in chemistry. He has the training and the opportunity in his associations at the University of Chicago to do excellent work.

Mr. Brooks will be a credit to your Fund. The greater service which he will secure equipped to give his people will repay manifold any help you will give him. Believe me guilty of no exaggeration when I say I feel it our privilege and our duty to aid Mr. Brooks.

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?

absolutely free from such handicaps.

Signed David Wilson  
Position or Title Formerly Instructor, University of Chicago, Dept. of Chemistry  
Now Research Chemist, United Col. and Patent Co., Newark, New Jersey.  
Address \_\_\_\_\_

Date 1/13/37

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)

I regret that business out of town has caused a delay in my reply.

SCHOLARSHIP

Ulysses Simpson Brooks

The University of Chicago  
The Graduate School

| Majors taken   | Grade       | Majors Credit |
|--|-------------|---------------|
| Summer Qr. 1928  |             | Su'29*        |
| Chem.-mj.242-Quantitative Analysis II  | P           | 1             |
| Chem.-mj.261-Elementary Physical Chemistry   | B           | 1             |
| Chem.-m. 337-Topics of Organic Chemistry   | P           | 1/2           |
| Chem.-m. 338-Spec. Topics of Organic Chem.   | H           | 1/2           |
| Home Study: Regist. 9-11-22. Exam. 1-22-24   |             |               |
| Math.-mj.103 Plane Analytic Geometry   | B-          | 1             |
| Summer Qr. 1929  |             |               |
| Chem.-mj.325-Qual. Organic Analysis (Visitor)  |             |               |
| Chem.- $\frac{1}{2}$ mj.332-Elect. Concepts of Valence   | P           | 1/2           |
| Chem.-mj.361-Physical Chemistry  | 1T. P 2T. P | 1/2, 1/2      |
| Chem.-m. 392-Colloid Chemistry   | P           | 1/2           |
| Summer Qr. 1930  |             |               |
| Chem.-mj.363-Applications of Thermodynamics  | P           | 1             |
| Chem.-m. 372-Energy Interchanges   | P           | 1/2           |
| Chem.-dmj.411- Master's Dissertation   | H           | 2             |
| German Examination Passed Aug. 18, 1930  |             |               |
| Summer Qr. 1931  |             |               |
| Chem.-m. 307-Topics: Adv. Inorg. Chem.   | P           | 1/2           |
| Chem.-m. 308-Topics: Adv. Phys. Chem.  | P           | 1/2           |
| Chem.-mj.321-Organic Chemistry   | P           | 1             |
| Chem.-mj.401-Master's Dissertation   | H           | 1             |
| Final Examination Passed for S.M. in<br>Chemistry Aug. 21, 1931- M.S.Kharasch<br>Degree of S.M. Conferred Dec. 22, 1931<br>Thesis: Adsorption at the Solid-Gas Interface |             |               |
| Summer Qr. 1932  |             |               |
| Chem.-mj.322-Organic Chemistry   | P           | 1             |
| Chem.-mj.364-Atomic & Molecular Structure  | P           | 1             |
| Math.-mj.216-Calculus II   | R           |               |
| Phys.-mj.355-Line & Band Spectra   | P           | 1             |

French Examination Passed July 3, 1933

\* This was left incomplete in 1928; the grade was recorded in the summer of 1929.

Summer Qr. 1933

|                          |                              |   |     |
|--------------------------|------------------------------|---|-----|
| Chem.- $\frac{1}{2}$ mj. | 301-Adv. Inorganic Chemistry | S | 1/2 |
| Chem.                    | 323-Organic Chemistry        | S | 1   |
| Chem.- $\frac{1}{2}$ c   | 365-Experimental Phys. Chem. | S | 1/2 |
| Phys.                    | 264-Electricity & Magnetism  | S | 1   |

Summer Qr. 1934

|                        |                                      |   |     |
|------------------------|--------------------------------------|---|-----|
| Chem.- $\frac{1}{2}$ c | 309-Non-Aqueous Solutions            | B | 1/2 |
| Chem.- $\frac{1}{2}$ c | 349-Organic Chem. & Present Theories | S | 1/2 |
| Chem.                  | 363-Chem. Kinetics & Photochemistry  | B | 1   |
| Phys.                  | 336-X-ray Crystal Analysis           | R |     |
| Phys.                  | 356-Line Spectra & Atomic Structure  | R |     |

Summer Qr. 1936

|                        |  |   |     |
|------------------------|--|---|-----|
| Chem.- $\frac{1}{2}$ c | 327-Adv. Org. Chemistry                | S | 1/2 |
| Chem.                  | 361-Physical Chemistry                 | R |     |
| Chem.- $\frac{1}{2}$ c | 379-Recent Developments in Phys. Chem. | S | 1/2 |
| Chem.-2c               | 428-Research in Chemistry              | A | 2   |

P - Passed

H - Passed with distinction

S - Satisfactory

A - Excellent

B - Good

R - Evidence for credit not submitted. These courses are not taken for credit.

1T - First term

2T - Second term

APPLICATION FOR RENEWAL OF JULIUS ROSENWALD FELLOWSHIP.  
February 15, 1938.

Accomplishment. - As set forth in my original application, the study of electrolytes requires very sensitive apparatus. Thus far my time has been spent in trying to construct and assemble such apparatus. I have built a calorimeter, a platinum heating unit, and an instrument, known as a thermel, which in the proper arrangement (sensitive galvanometer, etc.) should detect temperature differences of the order of a millionth of a degree. Also, I have assembled a bath to regulate temperature. The final adjustments on the bath are not quite complete. During the fall and winter quarters I have taken two lecture courses each quarter. I have prepared a report for a seminar on electrolytes. Except details this represents what I have done so far.

Program for next year. - Next year I want to continue this study. I want to use the apparatus to obtain data on the behavior of electrolytes when their solutions are diluted to a given degree. Theory predicts certain behavior; experiments for next year are designed to verify or modify theory.

Amount. - On the basis of estimates made in my original application, with modifications wherever they seem possible, I am asking the Committee for fifteen hundred dollars (\$1500.00) in the renewal of my fellowship.

Respectfully,

*Ulysses S. Brooks.*  
Ulysses S. Brooks.

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate      Mr. Ulysses S. Brooks  
Report Requested of    Dr. M. E. Thomasson  
                                 Johnson C. Smith University, Charlotte, N. 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. *An early reply will be of great assistance in allowing the Fellowship Committee sufficient time for adequate consideration of the large number of candidates.*

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

*George M. Reynolds*  
Director for Fellowships

REPORT

Mr. Brooks is, in my judgment based upon eight years of association with him, a man of superior native intelligence who uses that intelligence skillfully and consistently in his field of scholarship. His instructional work here is considered by his students and by his immediate colleagues as solid and competent. Moreover, he is liked as a person.

I cannot evaluate the project the plan for which is submitted. My own training is in no way associated with physical chemistry. I can only say that his associates in chemistry and in physics regard it as a study of importance in the field to which it belongs.

OVER

JULIUS ROSENWALD FUND  
4901 ELLIS AVENUE  
CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate

Mr. W. J. ...

Report Requested of

Dr. M. E. ...

Johnson C. Smith University, Charlotte, N. C.

The above-named candidate has applied to this Fund for a fellowship and has given your name as 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. An early reply will be of great assistance in allowing the Fellowship Committee sufficient time for adequate consideration of the large number of candidates.

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

*W. J. ...*  
Director for Fellowships

REPORT

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.

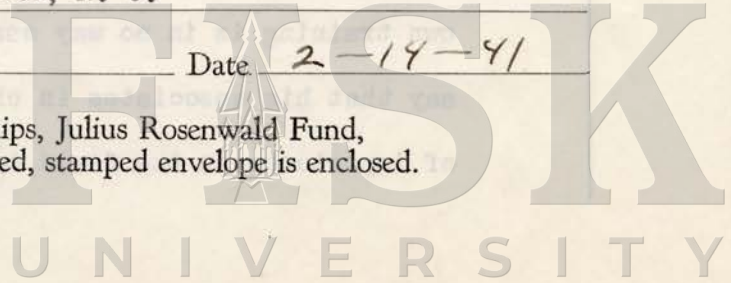
Signed M. E. Thomason

Position or Title Professor of Education

Address Johnson C. Smith University, Charlotte, N. C.

Date 2-14-41

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



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JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate      Mr. Ulysses S. Brooks

Report Requested of    Dr. T. F. Young

University of Chicago

---

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. *An early reply will be of great assistance in allowing the Fellowship Committee sufficient time for adequate consideration of the large number of candidates.*

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

*George M. Reynolds*  
Director for Fellowships

---

REPORT

Mr. U. S. Brooks is a very worthy applicant for one of your fellowships. Summer after summer he has come to the University of Chicago at his own expense, though he could ill afford it. With the aid of your foundation he was enabled to spend one full year here. As a result of all this effort he has been able to overcome many of the deficiencies of his early training which were apparent early in his career here. He has now passed all of the preliminary examinations for the Ph.D. degree. This is a real accomplishment for a man who has had so few advantages in his undergraduate work. Not all of the examinations were passed with a generous margin, (one with no margin at all,) but on one occasion he led the whole group of

OVER

JULIUS ROSENWALD FUND  
4901 ELLIS AVENUE  
CHICAGO

nine candidates in the examination in physical chemistry--his own field. Most of his competitors were full time students who had had the usual advantages of adequate University training.

In the laboratory Mr. Brooks' actual accomplishments compare favorably with those of other students. He has actually obtained more results than any other of several students on similar problems. Two of these we have counted among the best working in the department. Mr. Brooks' success was no accident, but was based upon real ability, <sup>←</sup>extra hard (and) conscientious work. If he is given the opportunity I believe he will complete an excellent thesis. The problem is important and he is able to solve it. I cannot urge his appointment too strongly. He personally deserves help and he is the type of man who, serving as a teacher, will raise the standards of his students and associates.

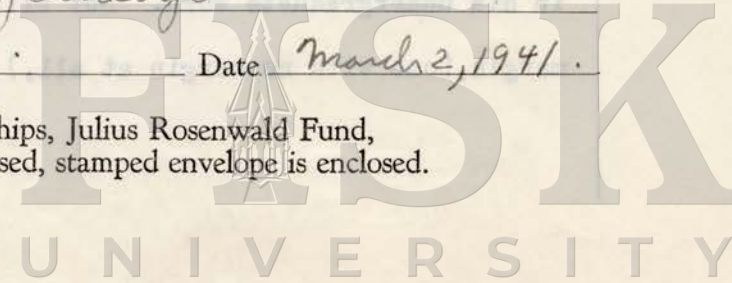
REPORT

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

Signed T. F. Young  
Position or Title Assoc. Prof. of Chemistry  
Address Dept of Chemistry, Univ of Chicago  
Chicago, Illinois Date March 2, 1941

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





FISK  
UNIVERSITY

ULYSSES SIMPSON BROOKS

JOHNSON C. SMITH UNIVERSITY, CHARLOTTE, N. C.

Teacher of chemistry and physics (2200) Annual Salary

Negro Special field - chemistry Seeks Ph. D. University of Chicago  
Can be obtained in 14 months

Digest of Application

Born 1894 Jamesville, N. C. Married. Was graduated from State Normal School, Elizabeth City, N. C. 1916; Academy of Howard University 1918; received B. S. from Howard 1924; M. S. from University of Chicago, which he attended summers from 1928, in 1931. Can return to present position.

Notes by Committee Member:

Budget Summary

|                     |            |
|---------------------|------------|
| Total amount needed | \$ 2400 00 |
| From applicant      | 800 00     |
| From Fund           | 1600 00    |
| Granted             | _____      |

The very top  
A++  
Ede



ULYSSES SIMPSON BROOKS

Charlotte N. C.

CHEMISTRY  
SCHOLARSHIP

## PLAN OF WORK

It is the ambition of the Physical Chemist to obtain data and develop equations so that the behavior of a solution under any set of conditions may be calculated from its known behavior under a given set of conditions. Prior to 1887 solutions of electrolytes defied such attempts. At this time Arrhenium proposed his theory of ionization which considerably relieved the hodge-podge of factual knowledge, and supplied an impetus for the accumulation of more facts. Divergence of behavior from prediction based on concentration was attributed to "fractional dissociation." The usefulness of this theory is restricted to dilute solutions of weak electrolytes.

As the methods of measuring the "degree of ionization" are not entirely satisfactory to some workers, the idea of "activity" was introduced by Lewis about 1907. This idea is applicable to all solutions. Getting data to apply it constitutes a problem.

Theories of "complete dissociation" and "inter-ionic attraction" have been advanced by various authors. The inter-ionic attraction theory of Debye and Huckel has attracted most attention. There are uncertainties and doubts in regard to some of the tenets of these theories. Many measurements are necessary to answer any question pertaining to the physical justification of a theoretical deduction, although the question may appear superficial. To answer some questions new methods must be devised.

The work in which I wish to participate consists in making measurements to determine whether certain salts are completely ionized, to obtain accurate activity coefficients, and to study the theory of Debye and Huckel. Any worker may make a contribution by performing experiments to obtain data. Too, contact with the work often suggests new problems and new methods. Chemists are not sufficiently optimistic

to hope that the entire problem of the behavior of solutions will be solved in the near future. More training on my part will provide a closer acquaintance with the more powerful methods of research in this field, and enhance my chance of making a contribution.

LETTERS OF REFERENCE

Ulysses S. Brooks

Dr. T. F. Young, Associate Professor of Chemistry, University of Chicago

Mr. U. S. Brooks is an exceptionally worthy candidate for a fellowship. He has done well in his courses here, and in his research for the M. S. degree. Whatever he may have lacked in early training has been largely offset by his interest, industry, and intelligence. He has read much literature outside of course material and has attained to a good understanding of certain phases of modern research in physical chemistry.

Mr. Brooks has a good bearing, pleasing manners, and an unusually fine personality.

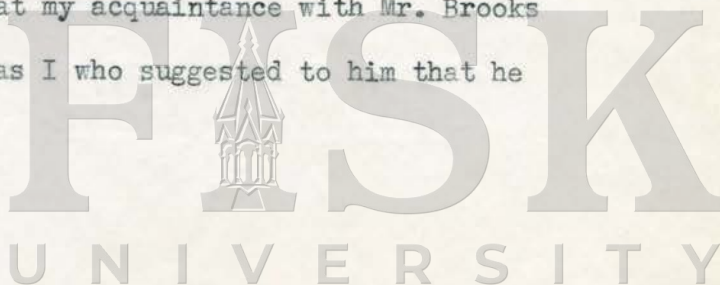
I have discussed this candidate with Dr. Franklin C. McLean and repeat here my enthusiastic support of Mr. Brooks' application. He seems to me to be just the type of man who should be aided.

The work which Mr. Brooks proposes to do is a part of an extensive project started several years ago in this laboratory. He has read papers and theses describing work already completed and is becoming familiar with the special methods developed here and elsewhere for attack on the problems of solutions of electrolytes. The laboratory is equipped for the type of work he wants to do. To me, no portion of physical chemistry is more interesting and, in my opinion, none is more important. Mr. Brooks would be very welcome in the laboratory. I believe that the training will be of value to him, and think it likely that he will make a worth while contribution.

- - -

Dr. Franklin C. McLean,

In spite of the fact that my acquaintance with Mr. Brooks and his qualifications is very slight, it was I who suggested to him that he



apply for a Julius Rosenwald Fund fellowship. Last summer Mr. Brooks came to me at the suggestion of Professor Young of the Department of Chemistry, in order to consult with me concerning some of our work on the ionization of calcium salts. During the conversation Mr. Brooks showed such a complete grasp of the theoretical aspects of a difficult subject that I was immediately struck by the possibilities for his further development, and inquired of him concerning his present activities and plans. It was that conversation which led to his present application.

After talking with Mr. Brooks I talked with Professor Young concerning him, and found that Professor Young confirmed my impressions. I have a very high opinion of Professor Young, who is an expert in the field in which Mr. Brooks is interested, and feel that a great deal of weight should be attached to any recommendations he may make to the Fund.

As to the plan of work, this represents a field in which I am personally very much interested. Ordinarily the biological applications of physical chemical knowledge must wait upon the discoveries of the physical chemists. In this instance the biologists got a little ahead of the physical chemists and opened up a new field for their further exploration, i.e., the ionization of calcium salts, which appears to deviate from the general rules previously accepted by most chemists. Professor Young is at present engaged in such exploration, and it would be a source of personal satisfaction to me to have Mr. Brooks take part in this work under his direction and under Fund auspices.

As to an outlet for Mr. Brooks' talents, I should say that he is personally most acceptable, and that professionally he is already probably superior to most of the professors of chemistry in Negro colleges and universities. He should be able to lend distinction to any department of chemistry to which he is eligible for appointment.

Dr. E. J. Rosenbaum, Instructor, Department of Chemistry, University of Chicago

I have been acquainted with Mr. Brooks for about seven years. His personal qualities make it very easy to work with him. As a chemist he is a slow worker, but a very careful and conscientious one. Under the wing of a competent research director Mr. Brooks would be able to make contributions in the field in which he is interested.

- - -

Dr. M. E. Thomasson, Professor of Education and Acting Dean of Liberal Arts,  
Johnson C. Smith University, Charlotte, North Carolina

Mr. Brooks has impressed me as possessing superior capacity to develop in his field and as having built up, already, a solid foundation of knowledge and understanding for use in further development. I make this statement on the basis of the following: (a) While I am not a chemist, my undergraduate work in agriculture at Iowa State College involving work in chemistry and its applications provided a basis for interpreting discussions of chemical problems in which I have heard Mr. Brooks engage. (b) Students who take courses under the applicant consider him thoroughly competent. (Incidentally, he resorts to no "tricks" and so on to make his courses popular.) (c) One of my colleagues - a Ph. D. in biology - has for three years regularly participated in advanced courses under Mr. Brooks in order to strengthen himself in chemistry. He has often spoken enthusiastically regarding the competence of his instructor.

Mr. Brooks works smoothly with, and is liked by, his immediate colleagues in his division. In his other group-work relations - committee work and so on - he carries on constructively and without friction. In the more than five years of my employment here he has had, so far as I know, no friction of any sort. He holds, and advances vigorously in discussions

that arise, views which are at variance with views held on certain school problems by others here, including myself. He thinks clearly and expresses himself well, and while he can hit strongly in a discussion, he does so soundly and fairly.

In planning and pursuing his graduate program, Mr. Brooks has been consistent. Apparently, he has known what he has wanted to develop toward in his field and has worked definitely in that direction.

I cannot criticize the project from the point of view of a chemist. Most of the discussion seems to be devoted to delineating the large area within which his own problem falls; relatively little to explicit statement of his own particular problem. I consider it extremely valuable - indispensable - that one should know the area within which he proposes to work and be able to place his own problem in this large area. I imagine, however, that a chemist would wish more of definiteness in regard to the applicant's own problem.

- - -

David M. Gans, former instructor in Chemistry at the University of Chicago, now Research Chemist United Color and Pigment Co., Newark

Mr. U. S. Brooks was by far the best of my students at the University of Chicago. He did publishable work on the subject of adsorption. He is very intelligent and thorough-going in his studies, very pleasant to work with, and interested in his work and not in what material benefits that work will give him. As one instance of his cooperative spirit I recall one summer in which he served as my laboratory assistant without pay because the department had no funds with which to take care of his services, and this at a time when he could have found good use for the money involved. He was glad to donate his services for the experience that would result.

The subject on which he intends to work lies in the forefront of our advancing knowledge in chemistry. He has the training and the

Ulysses S. Brooks, references - 5 -

opportunity in his associations at the University of Chicago to do excellent work.

Mr. Brooks will be a credit to your Fund. The greater services which he will become equipped to give his people will repay manifold any help you will give him. Believe me guilty of no exaggeration when I say I feel it our privilege and our duty to aid Mr. Brooks.

- - -

*Reference attached  
Dean D.O.W. Holmes*

✓ RP  
JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO

Confidential Report on Candidate for Fellowship

Name of Candidate Ulysses Simpson Brooks

Report Requested of Dean D. O. W. Holmes, Howard University, Washington

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

We shall appreciate a frank statement of your opinion of this applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Pate*  
Director for Fellowships

SCHOLARSHIP

REPORT

Mr. Ulysses Simpson Brooks proved to be a splendid student while in residence at Howard University. He majored in the field of Chemistry and graduated, CUM LAUDE, in 1924. He is progressive, genteel, ambitious and industrious. I understand that his work as a teacher in Johnson C. Smith University in Charlotte, N. C., has been of a high order and was entirely satisfactory to the authorities of that institution.

I believe that he is entirely worthy of <sup>the</sup> / fellowship for which he making application.

Address  
Position or Title  
Date January 23, 1937  
Please return Raymond Pate, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.

FISK  
UNIVERSITY  
OVER

JULIUS ROSENWALD FUND

1901 HILLS AVENUE

CHICAGO

Confidential Report on Candidate 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. A statement of the candidate's plan of work is attached. Please return it with your statement.

We shall appreciate a frank statement of your opinion of the applicant's abilities and personal characteristics, and an appraisal of his plan of work. An early reply to this inquiry will be of great assistance in allowing the Fellowship Committee sufficient time for an adequate review of the large number of candidates who apply for grants.

Your reply will be held in strictest confidence.

*Raymond Paty*  
Director for Fellowships

SCHOLARSHIP

REPORT

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 \_\_\_\_\_

*Dean of the Graduate School*

Position or Title \_\_\_\_\_

Dean of the Graduate School

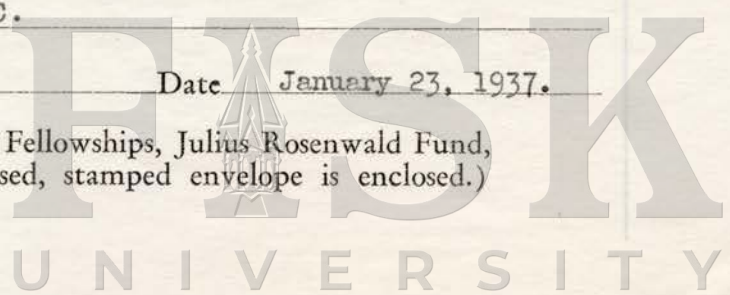
Address \_\_\_\_\_

Howard University, Washington, D. C.

Date January 23, 1937.

(Please return to Raymond Paty, Director for Fellowships, Julius Rosenwald Fund, 4901 Ellis Avenue, Chicago, Illinois. Addressed, stamped envelope is enclosed.)

OVER



Physical Sciences  
 Ulysses Simpson Brooks  
 The University of Chicago

Date of Matriculation in Ex. U. 9-8-22  
 Matric. No. 100955

Name Ulysses Simpson Brooks

Birth Apr. 6, 1894  
 Place Jonesville, N.C.

Office of the Recorder

PREVIOUS DEGREES, ETC.

TRANSFERRED TO RESIDENCE 6-18 1928 Home Address 1819 North St. N.W. Washington, D.C.

Race \_\_\_\_\_ Place \_\_\_\_\_

State Norm. Sch. (N.C.) 1914-16  
 Howard Univ. Grad. 1916-18  
 1920-42 (1921)  
 B.S. (Howard Univ.) 1924  
 S.M. (U. of Chicago) DEC 22 1931

Church Affiliation \_\_\_\_\_  
 Membership \_\_\_\_\_  
 Preference \_\_\_\_\_

The Student's Degree of B.S.

judged equal to the Degree of Ph.B. from the U. of C.,  
 lacking 3 majors. Equivalences established by

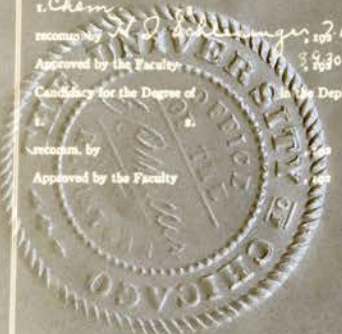
The University Examiner 8430

Candidacy for the Degree of S.M. in the Dep't of Chem.

recommended by H.D. ... 71830  
 Approved by the Faculty 8430

Candidacy for the Degree of S.M. in the Dep't of Chem.

recommended by ...  
 Approved by the Faculty



The Graduate School

| Major Taken                              | Alt | Grade | Major Credit | Grade Points |
|--|-----|-------|--------------|--------------|
| SUMMER QR. 1928                          |     |       |              |              |
| CHEM.-m.242-Quantitative Analysis II     |     | P     | 1            | 24           |
| CHEM.-m.281-Elem. Physical Chemistry     |     | B     | 1            | 1            |
| CHEM.-m.337-Topics of Organic Chem.      |     | P     | 1/2          | 1            |
| CHEM.-m.330-Spec. Topics of Organ. Chem. |     | A     | 1/2          | 1            |
| Home Study: Regist. 7/1 22 Exam. 122 24  |     |       |              |              |
| MATH.-m. 103-Plane Analytic Geom.        |     | B-    | 1            | 1            |
| SUMMER QR. 1929                          |     |       |              |              |
| CHEM.-m.325-QUAL. ORGANIC ANAL. (Pract.) |     | P     | 1/2          | 1            |
| CHEM.-m.332-ELECT. CONCEPT OF VALENCE    |     | P     | 1/2          | 1            |
| CHEM.-m.331-Physical Chemistry           |     | P     | 1/2          | 1            |
| CHEM.-m.302-Colloid Chemistry            |     | P     | 1/2          | 1            |
| SUMMER QR. 1930                          |     |       |              |              |
| CHEM.-m.303-Applic'ns of Thermodynamics  |     | P     | 1            | 1/2          |
| CHEM.-m.372-ENERGY INTERCHANGE           |     | P     | 1/2          | 1            |
| CHEM.-m.416 -Master's Dissertation       |     | A     | 2            | 2            |
| German Examination Passed Aug 18, 1930   |     |       |              |              |
| SUMMER QR. 1931                          |     |       |              |              |
| CHEM.-m.307-TOPICS: ADV. INORG. CHEM.    |     | P     | 1/2          | 1            |
| CHEM.-m.309-TOPICS: ADV. PHYS. CHEM.     |     | P     | 1/2          | 1            |
| CHEM.-m.321-Organic Chemistry            |     | P     | 1            | 1            |
| CHEM.-m.401 -Master's Dissertation       |     | H     | 1            | 1            |

Final Examination Passed for S.M. in Chem. Aug 21, 1931 - M.D. Kharsach  
 Degree of S. M. conferred DEC 22 1931  
 Thesis: Adsorption at the Solid-Gas Interface

SUMMER QR. 1932  
 CHEM.-m.322-Organic Chemistry P 1  
 CHEM.-m.364-ATOMIC & MOLEC. STRUCT. P 1  
 MATH.-m.216-Calculus II R 1  
 PHYS.-m.355-LINE & BAND SPECTRA P 1  
 French Examination Passed July 3, 1933

SUMMER QR. 1933  
 CHEM.-m. 301-Adv. Inorganic Chemistry S 1/2  
 CHEM. 325-Organic Chemistry S 1  
 CHEM. 1/2c 365-EXPER. PHYS. CHEM. S 1/2  
 PHYS. 254-Electricity & Magnetism S 1

SUMMER QR. 1934  
 CHEM.-1/2c 309-NON-AQUEOUS SOLUTIONS B 1  
 CHEM.-1/2c 349-ORG. CHEM. & PRESENT THEORIES B 1  
 CHEM. 363-CHEM. KINETICS & PHOTOCHEM. B 1  
 PHYS. 336-X-Ray Crystal Analysis TR  
 PHYS. 356-LINE SPECTRA & ATOM. STR. TR

Record of Work

| Major Taken                                  | Alt | Grade | Major Credit | Grade Points |
|--|-----|-------|--------------|--------------|
| SUMMER QR. 1936                              |     |       |              |              |
| CHEM.-1/2c 327-ADV. ORG. CHEMISTRY           |     | S     | 1/2          | 1            |
| CHEM. 381-Physical Chemistry                 |     | R     | 1/2          | 1            |
| CHEM.-1/2c 379-RECENT DEV'TS IN PHYS. CHEM.  |     | S     | 1/2          | 1            |
| CHEM. 2c 423-RESEARCH IN CHEMISTRY           |     | A     | 2            | 2            |
| SUMMER QR. 1932                              |     |       |              |              |
| CHEM.-m.322-Organic Chemistry                |     | P     | 1            | 1            |
| CHEM.-m.364-ATOMIC & MOLEC. STRUCT.          |     | P     | 1            | 1            |
| MATH.-m.216-Calculus II                      |     | R     | 1            | 1            |
| PHYS.-m.355-LINE & BAND SPECTRA              |     | P     | 1            | 1            |
| French Examination Passed July 3, 1933       |     |       |              |              |
| SUMMER QR. 1933                              |     |       |              |              |
| CHEM.-m. 301-Adv. Inorganic Chemistry        |     | S     | 1/2          | 1            |
| CHEM. 325-Organic Chemistry                  |     | S     | 1            | 1            |
| CHEM. 1/2c 365-EXPER. PHYS. CHEM.            |     | S     | 1/2          | 1            |
| PHYS. 254-Electricity & Magnetism            |     | S     | 1            | 1            |
| SUMMER QR. 1934                              |     |       |              |              |
| CHEM.-1/2c 309-NON-AQUEOUS SOLUTIONS         |     | B     | 1            | 1            |
| CHEM.-1/2c 349-ORG. CHEM. & PRESENT THEORIES |     | B     | 1            | 1            |
| CHEM. 363-CHEM. KINETICS & PHOTOCHEM.        |     | B     | 1            | 1            |
| PHYS. 336-X-Ray Crystal Analysis             |     | TR    | 1            | 1            |
| PHYS. 356-LINE SPECTRA & ATOM. STR.          |     | TR    | 1            | 1            |

NOV 29 1929 Statement of Credits

This record is not official unless it bears the impress of the signature and seal of the Registrar.  
 F.C. Miller, Registrar.

U. S. Brooks  
Johnson C. Smith University  
Charlotte, N.C.

FISK  
UNIVERSITY

## I. GENERAL NOTES

1. *The Quarter* is the unit of time. Three quarters, equivalent to two semesters, constitute an academic year.
2. *Course numbers*.—Beginning June, 1925, the first figure of each course number indicates the group in which the course belongs: 101-99, primarily for College students; 201-99, primarily for undergraduates in a Division or a Professional School; 301-99, graduate courses; 401-99, pre-research, problem, or research courses.
3. *Entrance units*.—Fifteen units, representing a four-year high-school course, were required for admission until June, 1932, after which only twelve senior-high-school units were required.
4. *Honorable dismissal*.—A student is honorably dismissed, if dismissal is desired, unless otherwise stated.

## II. THE OLD EDUCATIONAL PLAN

1. *The Major* is the unit of credit. It is equivalent to  $3\frac{1}{2}$  semester hours or 5 quarter hours.
2. *The Grades* in the undergraduate courses and in the Divinity School, with qualitative evaluation in grade points, are on the following scale: A, 6; B, 4; C, 2; D (low pass), 0; F (Failure), -2. This scale was used also in graduate courses until June, 1926, after which time the following scale with no quality points was adopted for all graduate courses except in the Divinity School: H, passed with distinction; P, passed; U, undergraduate credit only; F, failure. From October, 1932, to June, 1934, the marks s, u, or R were used for students under the Old Plan. (See Sec. III, 2.)
3. *Bachelor's degree*.—The minimum requirement for the Bachelor's degree is 36 majors with an average grade of "C" in all courses taken.
4. *Deferred credit*.—A dash (—), the entry "def" or "contingent" in the credit column means formal credit deferred until the second half of the course is taken or, in case of French, Spanish, or German, until the third major is completed with grade of "C" or better.
5. *Limited credit*.—Certain elementary courses yield, for undergraduates, only half-credit if the student already has completed  $17\frac{1}{2}$  majors, and no credit if he has completed 27 majors.
6. *Home-study courses* are valid toward a Bachelor's degree to the extent of 18 majors.

## III. THE NEW EDUCATIONAL PLAN

1. *The Course* is the unit of instruction. All College courses (the introductory general courses and courses numbered 100-199) are equivalent to 3 semester hours of credit, except that the English 102 courses are equivalent to 2 semester hours each. All other courses (the courses numbered 200-499) are equivalent to  $3\frac{1}{2}$  semester hours. Unless otherwise indicated each course taken by the student is equivalent to one unit of instruction. A course marked  $\frac{1}{2}C$  is equivalent to a half-unit of instruction, a course marked  $2C$  is equivalent to two units of instruction, etc.
2. *The marking system*.—The following course marks are used: s (*satisfactory*), indicating that the quantity and quality of the student's work in a course are satisfactory; u (*unsatisfactory*), indicating that the quantity and quality of the student's work in a course are unsatisfactory. This marking system was used until June, 1934, after which the following scale was adopted for all students desiring course credit for transfer or other purposes: A (*Excellent*), B (*Good*), C (*Fair*), D (*Low pass*), F (*unsatisfactory*). The mark R (*Registered*) indicates that there is insufficient evidence regarding the quality and quantity of the student's work in a course to warrant either the marks s or A, B, C, and D, or the marks u or F. The mark R should not be interpreted as necessarily meaning that the student has not done the work of a course. It means that he did not choose to submit the evidence required from students who wish to receive course credit. The mark Inc. (*Incomplete*) indicates that the student desiring course credit failed to submit all the evidence required for a passing mark.
3. *Comprehensive examinations*.—Educational attainments are measured by examinations which are taken by the student whenever he is prepared to take them. Grades for the comprehensive examinations are on the following scale: A (*Excellent*), B (*Good*), C (*Fair*), D (*Low pass*), F (*Failure*). A student may take the same examination more than once. If he repeats an examination he is credited with the highest grade he receives in that examination. A student is not required to register for or satisfactorily complete courses offered to assist him in preparing for a comprehensive examination; therefore, if he has taken a comprehensive examination in a field of study, the quality and quantity of his work in that field should be judged by the results of the examination rather than by the record of the courses taken in preparation for that examination.

In the College the student takes the following examinations and tests for the College Certificate: an examination in each of the four general fields—the Biological Sciences, the Humanities, the Physical Sciences, the Social Sciences—and an examination in each of two divisional or departmental fields. Each examination, if passed with a grade D or better, is equivalent to the work covered by three College courses (9 semester hours). The student in the College also takes an *English Qualifying Test* equivalent to the work covered by two College courses (6 semester hours), provided he receives the grade D or better in this test.

NOTE.—Before February, 1933, the student was required to receive the grade B in this test to qualify in English for the College Certificate.

Students in the College who do not receive entrance credit for the second year in *mathematics*, and the second year in a *foreign language*, are required to pass a qualifying test covering two years of secondary-school work (two units) in each of these subjects before receiving the College Certificate. The foreign language test, if passed, is equivalent to one year of College work (9 semester hours) in a foreign language.

Candidates for the Bachelor's degree in a Division or a Professional School are required to take one or more comprehensive examinations for that degree. As indicated on the student's scholastic record, each examination, if passed with a grade of D or better, is equivalent to the work covered by the specific courses offered as an aid to the student in preparing for that examination. The candidate for the Bachelor's degree also takes six or fewer elective courses. Elective work is not tested in the comprehensive examinations. Each elective course satisfactorily completed is equivalent to one unit of instruction or  $3\frac{1}{2}$  semester hours. (See Sec. III, 1.)

*Additional information* concerning the student and his work at the University may be secured from the Dean of the School, Division, or College in which the student is enrolled.

NOTE TO STUDENT.—One dollar is charged for each complete or partial transcript in excess of the first two.



# Howard University

WASHINGTON, D. C.  
OFFICE OF THE REGISTRAR

## Official Transcript of the Record of—

Brooks, Ulysses S. \_\_\_\_\_ in the School of Liberal Arts  
Howard University, Washington, D. C.

I. Attendance. Admitted January 2, 1920 \_\_\_\_\_ Attended \_\_\_\_\_ semesters (18 weeks)  
Graduated 6-6-24 \_\_\_\_\_ Degree B.S. \_\_\_\_\_ Withdrew \_\_\_\_\_ \_\_\_\_\_ quarters (12 weeks)  
and \_\_\_\_\_ summer sessions (8 weeks)

II. Status (of undergraduates): Received degree of B. S. Cum Laude June 6, 1924

III. Entrance Credits. Sources of credits: (1) Academy of Howard University, Washington, D. C.  
(2) \_\_\_\_\_ (3) \_\_\_\_\_

[Numbers in the third column ("Source") below refer to these numbers.]

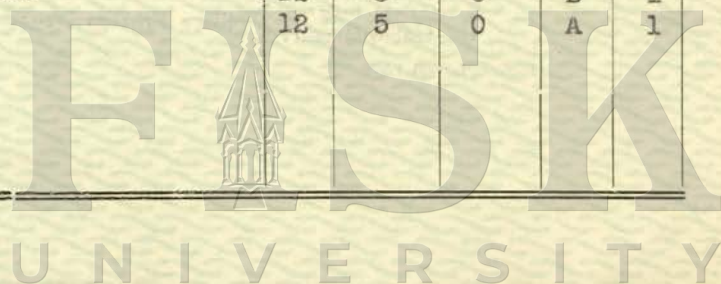
| Subjects     | Units | Source | Subjects     | Units | Source | Subjects           | Units | Source | Subjects   | Units | Source |
|--------------|-------|--------|--------------|-------|--------|--------------------|-------|--------|------------|-------|--------|
| English      | 3     |        | German       |       |        | Physiology         |       |        |            |       |        |
| Algebra      | 1½    |        | History M&M  | 1     |        | General Science    |       |        | Hist. Anc. | 1     |        |
| Geometry     | 1     |        | Civics       |       |        | Com'rcial Subjects |       |        |            |       |        |
| Trigonometry |       |        | Physics      | 1     |        | Drawing            |       |        |            |       |        |
| Greek        |       |        | Chemistry    | 1     |        | Shop Work          |       |        |            |       |        |
| Latin        | 3     |        | Physiography | ½     |        | Home Economics     |       |        |            |       |        |
| French       | 1     |        | Botany       |       |        | Agriculture        | 1     |        |            |       |        |
| Spanish      |       |        | Zoology      |       |        |                    |       |        | Total      | 15    |        |

How admitted \_\_\_\_\_ Unconditioned

## IV. College Credits.

| Term            | Course Number in Catalog | Descriptive Title of Course  | No. Wk. | Hours per week |      | Grade | Unit |
|-----------------|--------------------------|--|---------|----------------|------|-------|------|
|                 |                          |  |         | Rec.           | Lab. |       |      |
|                 |                          | Received advanced standing from the University of Chicago, Chicago, Ill., as follows: Analytical Geometry, 1 unit. |         |                |      |       |      |
| Winter Qr. 1920 | Phy. Ed.                 | Physical Education   | 12      | 5              | 0    | D     | .5   |
|                 | P.S.                     | Public Speaking  | 12      | 3              | 0    | C     | .5   |
|                 | Germ. 1                  | Elementary German  | 12      | 5              | 0    | A     | 1    |
|                 | Math. 5                  | College Algebra  | 12      | 5              | 0    | A     | 1    |
| .....           | Eng. 1                   | Composition  | 12      | 5              | 0    | B     | 1    |
| Spring Qr. 1920 | Phy. Ed.                 | Physical Education   | 12      | 5              | 0    | D     | .5   |
|                 | Germ. 2                  | Elementary German  | 12      | 5              | 0    | A     | 1    |
|                 | Phys. 1                  | General College Physics  | 12      | 3              | 4    | B     | 1    |
| .....           | Eng. 2                   | Composition  | 12      | 5              | 0    | A     | 1    |
| Autumn Qr. 1920 | Phy. Ed.                 | Physical Education   | 12      | 5              | 0    | D     | .5   |
|                 | P.S.                     | Public Speaking  | 12      | 3              | 0    | D     | .5   |
|                 | Chem. 1                  | General inorganic Chemistry  | 12      | 5              | 6    | A     | 1    |
|                 | Econ. 1                  | The Principles of Economics  | 12      | 5              | 0    | B     | 1    |
| .....           | Germ. 3                  | Intermediate German  | 12      | 5              | 0    | A     | 1    |

\*Counted for Entrance Credit.



## EXPLANATION

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### Status

An undergraduate student who withdraws from the University is either—

- (a) *In good standing*; or—
  - (b) *On probation*; or—
  - (c) *Dropped*, for poor scholarship or excessive absence; or—
  - (d) *Under suspension*; or—
  - (e) *Dismissed*.
- 
- (a) A student *in good standing* is entitled to honorable dismissal in every sense of the term. *No separate letter is necessary*.
  - (b) A student is *on probation* either for poor scholarship or for disciplinary reasons. If for the former, the University will interpose no objection to his admission to any other school subject to his record here; if for the latter, the nature of the offence will determine the action.
  - (c) A student is *dropped* for poor scholarship by rule following an unsuccessful probationary period or by special action of the Faculty at any time.
  - (d) A student may be *under suspension* for cause. Such a student must be reinstated before being honorably dismissed.
  - (e) A student is *dismissed* only for disciplinary reasons.

### Entrance Credits

The term *unit* as applying to secondary work is used in its usual sense—the work in a subject covering 36 weeks of four or five periods each, a period running not less than 40 minutes, with two periods in laboratory, shop or other practice counting as one in recitation.

A student is admitted—

- (a) *Unconditioned*. When 15 units are presented.
- (b) *Unclassified*. To be admitted as unclassified a student must be at least twenty-one years of age and must show preparation for the branches of study chosen.

### College Credits

A *semester hour* is the work of a class meeting one hour a week for *eighteen weeks* or the equivalent in laboratory, shop or other practice.

A *college unit* as used in this transcript is the work of a class meeting five hours a week for *twelve weeks*. It is equivalent to 3 1-3 semester hours and to 5 quarter hours.

### Marking System

Prior to September 1919 when the semester plan was in operation, grades on the scale 100 were used, the passing mark being 60. From 59 to 50 indicated a condition which could be removed by examination. Below 50 indicated failure which could be removed only by repeating the course.

From September 1919 to June 1933 the quarter plan was in operation and the following grades were in use with significance as indicated:

A—90-100, Excellent; B—80-89, Good; C—70-79, Fair; D—60-69, Poor; E—50-59, Conditioned (Beginning with the Autumn Quarter, 1928, E became a degree of failure); F—less than 50, Failure; WP—Withdrew while passing; WF—Withdrew while failing.

Since September 1933, when the semester plan went into operation the following grades have been in use:

A, B, C, D,—Passing; E, F,—Failure; I—Incomplete; WP—Withdrew while passing; WF—Withdrew while failing.

Graduate School:

S—Satisfactory } Since February, 1934  
U—UnSatisfactory }

| Term               | Course Number<br>in Catalog | Descriptive Title of Course                   | No.<br>Wks. | Hours per week |      | Grade | Units |
|--------------------|-----------------------------|---|-------------|----------------|------|-------|-------|
|                    |                             |   |             | Rec.           | Lab. |       |       |
| Winter Qr.<br>1921 | Phy. Ed.                    | Brooks, Ulysses S. p.2.<br>Physical Education | 12          | 5              | 0    | D     | .5    |
|                    | Chem. 2                     | General Inorganic Chemistry                   | 12          | 5              | 6    | A     | 1     |
|                    | Econ. 2                     | The Principles of Economics                   | 12          | 5              | 0    | A     | 1     |
| .....              |                             | Military Credits                              |             |                |      |       | 7.5   |
| Autumn Qr.<br>1921 | Chem. 4                     | Elementary Quantitative Analysis              | 12          | 3              | 6    | A     | 1     |
| Winter Qr.<br>1922 | Chem. 15                    | Elementary Organic Chemistry                  | 12          | 3              | 6    | B     | 1     |
| Spring Qr.<br>1922 | Chem. 16                    | Elementary Organic Chemistry                  | 12          | 3              | 6    | A     | 1     |
| Autumn Qr.<br>1922 | Chem. 25                    | Organic Chemistry                             | 12          | 3              | 6    | A     | 1     |
|                    | Soc. 25                     | The Principles of Sociology                   | 12          | 5              | 0    | B     | 1     |
| Winter Qr.<br>1923 | Chem. 28                    | Qualitative Organic Chemistry                 | 12          | 4              | 6    | B     | 1     |
|                    | Rom. 2                      | Elementary French                             | 12          | 5              | 0    | A     | 1     |
| Spring Qr.<br>1923 | Rom. 3                      | Intermediate French                           | 12          | 5              | 0    | A     | 1     |
|                    | Chem. 27                    | Quantitative Organic Analysis                 | 12          | 3              | 6    | A     | 1     |
| Autumn Qr.<br>1923 | Soc. 10                     | Sociology                                     | 12          | 5              | 0    | A     | 1     |
|                    | Chem. 201                   | Advanced organic Chemistry                    | 12          | 3              | 6    | A     | 1     |
| .....              | Edu. 37                     | Secondary Education                           | 12          | 5              | 0    | A     | 1     |
| Winter Qr.<br>1924 | Soc. 28                     | Race Problems                                 | 12          | 5              | 0    | B     | 1     |
|                    | Hist. 12                    | African History                               | 12          | 5              | 0    | A     | 1     |
|                    | Chem. 203                   | Research: Organic Chemistry                   | 12          | 3              | 6    | I     | -     |
|                    |                             | Plane Trigonometry Sem.System 1918            |             |                |      |       | .9    |
| Spring Qr.<br>1924 | Zoo. 9                      | General Zoology                               | 12          | 3              | 6    | A     | 1     |
|                    | Chem. 203                   | Research:Organic Chemistry                    | 12          | 3              | 6    | B     | 1     |
| Summer<br>1926     | Phys. 2                     | Graduate<br>General College Physics           | 8           | 3              | 4    | A     | 1     |
| LLW-R<br>1-11-37   |                             |   |             |                |      |       |       |

*F. J. Hillman*  
Registrar.





FSK  
UNIVERSITY

Name Ulysses Simpson Brooks *copy this* Field: Chemistry  
 Teacher of Physics and Chemistry EXTENSION  
 Johnson C. Smith University  
 Charlotte, North Carolina *ok 6/2/42*

## Plan of Work

I wish to spend the summer of 1941 in the Laboratory at the University of Chicago in an effort to obtain additional calorimetric data to compare with predictions of Physical Chemical theory.

Wishes to secure Ph.D. Probable duration of project two summers.  
 Will return to present position.

## Personal Data

Born Jamesville, North Carolina, April, 1894.  
 Married, two children.

Age: 47

## Undergraduate Work

Howard University, B. S., 1924.

## Graduate Work

University of Chicago, M. S., 1931;  
 also many summers and year 1937-38.

## Experience

High school teacher, State Normal School, Elizabeth City, North Carolina, 1924-27, \$1520; teacher of chemistry, Texas College, 1927-31, \$1035; teacher of chemistry and physics, Johnson C. Smith University, 1931 - , \$2350.

## Accomplishments

Rosenwald Fund Fellowship, 1937-38, \$1250.

## References

T. F. Young, University of Chicago  
 M. E. Thomasson, Johnson C. Smith University

## Budget Summary

|                     |        |
|---------------------|--------|
| Total Amount Needed | \$ 295 |
| From Applicant      | 145    |
| From Fund           | \$ 150 |

AMOUNT GRANTED

FISK  
 UNIVERSITY

### Plan of Work.

The project which I began in the summer of 1937 consists in measuring small heat effects which are produced when salt solutions are diluted. For a year (through the summer of 1938) I worked at ~~constructing~~ <sup>Constructing</sup> apparatus for this purpose. Some of this apparatus shows promise. During the summer of 1940 I used it to make some measurements which look somewhat encouraging. I need more of these measurements. During the summer of 1941 I want to attempt to obtain them.

This project lies in the field of Physical Chemistry. The purpose of this work is to accumulate factual information which may be used to test theory.

Ulysses S. Brooks.

Supplementary Transcript  
Summer 1937

|  |   |            |
|--|---|------------|
| Chem. 303 - Advanced Inorganic Chemistry | B | 1/2 course |
| Chem. 325 - Qualitative Organic Analysis | R | no credit  |
| Chem. 428 - Research in Chemistry        | A | 2 courses  |

Autumn 1937

|  |   |           |
|--|---|-----------|
| Chem. 301 - Advanced Inorganic Chemistry | R | no credit |
| Chem. 321 - Advanced Organic Chemistry   | B | 1 course  |
| Chem. 367 - Surface Chemistry            | R | no credit |
| Chem. 428 - Research in Chemistry        | A | 1 course  |

Winter 1938

|  |   |            |
|--|---|------------|
| Chem. 322 - Organic Chemistry            | R | no credit  |
| Chem. 362 - Advanced Thermodynamics      | B | 1 course   |
| Chem. 380 - Modern Theories of Solutions | A | 1/2 course |
| Chem. 428 - Research in Chemistry        | A | 1 course   |

Spring 1938

|  |   |           |
|--|---|-----------|
| Chem. 323 - Advanced Organic Chemistry | R | no credit |
| Chem. 428 - Research in Chemistry      | A | 2 courses |

Summer 1938

|   |   |            |
|---|---|------------|
| Chem. 302 - Advanced Inorganic Chemistry  | B | 1/2 course |
| Chem. 354 - Theoretical Organic Chemistry | R | no credit  |
| Chem. 428 - Research in Chemistry         | B | 1 course   |

Summer 1939

|                                      |   |           |
|--------------------------------------|---|-----------|
| Chem. 349 - Study of Large Molecules | R | no credit |
| Chem. 428 - Research in Chemistry    | B | 1 course  |
| Phys. 371 - Vector Analysis          | R | no credit |

Summer 1940

|                                   |   |          |
|-----------------------------------|---|----------|
| Chem. 428 - Research in Chemistry | A | 1 course |
|-----------------------------------|---|----------|

Ulysses S. Brooks.

FISK  
UNIVERSITY

LETTERS OF REFERENCE

Ulysses S. Brooks

M. E. Thomasson, Professor of Education, Johnson C. Smith University.

Mr. Brooks is, in my judgment based upon eight years of association with him, a man of superior native intelligence who uses that intelligence skillfully and consistently in his field of scholarship. His instructional work here is considered by his students and by his immediate colleagues as solid and competent. Moreover, he is liked as a person.

I cannot evaluate the project the plan for which is submitted. My own training is in no way associated with physical chemistry. I can only say that his associates in chemistry and in physics regard it as a study of importance in the field to which it belongs.

-----

T. F. Young, Associate Professor of Chemistry, University of Chicago.

Mr. Brooks is a very worthy applicant for one of your fellowships. Summer after summer he has come to the University of Chicago at his own expense, though he could ill afford it. With the aid of your foundation he was enabled to spend one full year here. As a result of all this effort he has been able to overcome many of the deficiencies of his early training which were apparent early in his career here. He has now passed all of the preliminary examinations for the Ph.D. degree. This is a real accomplishment for a man who has had so few advantages in his undergraduate work. Not all of the examinations were passed with a generous margin (one with no margin at all), but on one occasion he led the whole group of nine candidates in the examination in physical chemistry - his own field. Most of his competitors were full-time students who had had the usual advantages of adequate University training.

Ulysses S. Brooks

In the laboratory Mr. Brooks' actual accomplishments compare favorably with those of other students. He has actually obtained more results than any other of several students on similar problems. Two of these we have counted among the best working in the department. Mr. Brooks' success was no accident, but was based upon real ability and extra hard conscientious work. If he is given the opportunity I believe he will complete an excellent thesis. The problem is important and he is able to solve it. I cannot urge his appointment too strongly. He personally deserves help and he is the type of man who, serving as a teacher, will raise the standards of his students and associates.

-----

**Name** Ulysses Simpson Brooks **Field:** Chemistry

Teacher of Physics and Chemistry EXTENSION  
 Johnson C. Smith University  
 Charlotte, North Carolina

**Plan of Work**

I wish to spend the summer of 1941 in the Laboratory at the University of Chicago in an effort to obtain additional calorimetric data to compare with predictions of Physical Chemical theory.

Wishes to secure Ph.D. Probable duration of project two summers.  
 Will return to present position.

**Personal Data** Born Jamesville, North Carolina, April, 1894. **Age:** 47  
 Married, two children.

**Undergraduate Work** Howard University, B. S., 1924.

**Graduate Work** University of Chicago, M. S., 1931;  
 also many summers and year 1937-38.

**Experience** High school teacher, State Normal School, Elizabeth City, North Carolina, 1924-27, \$1320; teacher of chemistry, Texas College, 1927-31, \$1035; teacher of chemistry and physics, Johnson C. Smith University, 1931 - , \$2350.

**Accomplishments** Rosenwald Fund Fellowship, 1937-38, \$1250.

**References**

T. F. Young, University of Chicago  
 M. E. Thomasson, Johnson C. Smith University

**Budget Summary**

|                     |        |
|---------------------|--------|
| Total Amount Needed | \$ 295 |
| From Applicant      | 145    |
| From Fund           | 150    |

**AMOUNT GRANTED**

PLEASE RETURN  
TO  
JULIUS ROSENWALD FUND

### Plan of Work.

The project which I began in the summer of 1937 consists in measuring small heat effects which are produced when salt solutions are diluted. For a year (through the summer of 1938) I worked at ~~construction~~ <sup>constructing</sup> apparatus for this purpose. Some of this apparatus shows promise. During the summer of 1940 I used it to make some measurements which look somewhat encouraging. I need more of these measurements. During the summer of 1941 I want to attempt to obtain them.

This project lies in the field of Physical Chemistry. The purpose of this work is to accumulate factual information which may be used to test theory.

Ulysses S. Brooks.

OFFICIAL TRANSCRIPT of the record of Ulysses Simpson Brooks

Admitted September 8, 1922; transferred to residence June 18, 1928

Present Status In good standing Graduated \_\_\_\_\_ Degree \_\_\_\_\_

The student is entitled to an honorable dismissal.

ENTRANCE UNITS: From XXXX B.S. Howard University 1924

|               |                 |                     |                    |
|---------------|-----------------|---------------------|--------------------|
| English _____ | History _____   | Algebra _____       | Physics _____      |
| Latin _____   | Economics _____ | Pl. Geometry _____  | Chemistry _____    |
| French _____  | Sociology _____ | Sol. Geometry _____ | Botany _____       |
| German _____  | Civics _____    | Trigonometry _____  | Zoölogy _____      |
| Spanish _____ | _____           | _____               | Gen. Science _____ |
| Total _____   |                 |                     |                    |

UNIVERSITY RECORD: The minimum requirement for the Bachelor's degree is 36 majors with an average grade of "C" in all courses taken.

| COURSES                                 | GRADE | MAJORS CREDIT |
|---|-------|---------------|
| SUPPLEMENTARY TRANSCRIPT                |       |               |
| SUMMER QUARTER 1937                     |       |               |
| Chem. 303-Advanced Inorganic Chemistry  | B     | 1/2 course    |
| Chem. 325-Qualitative Organic Analysis  | R     | no credit     |
| Chem. 428-Research in Chemistry         | A     | 2 courses     |
| AUTUMN QUARTER 1937                     |       |               |
| Chem. 301-Advanced Inorganic Chemistry  | R     | no credit     |
| Chem. 321-Advanced Organic Chemistry    | B     | 1 course      |
| Chem. 367-Surface Chemistry             | R     | no credit     |
| Chem. 428-Research in Chemistry         | A     | 1 course      |
| WINTER QUARTER 1938                     |       |               |
| Chem. 322-Organic Chemistry             | R     | no credit     |
| Chem. 362-Advanced Thermodynamics       | B     | 1 course      |
| Chem. 380-Modern Theories of Solutions  | A     | 1/2 course    |
| Chem. 428-Research in Chemistry         | A     | 1 course      |
| SPRING QUARTER 1938                     |       |               |
| Chem. 323-Advanced Organic Chemistry    | R     | no credit     |
| Chem. 428-Research in Chemistry         | A     | 2 courses     |
| SUMMER QUARTER 1938                     |       |               |
| Chem. 302-Advanced Inorganic Chemistry  | B     | 1/2 course    |
| Chem. 354-Theoretical Organic Chemistry | R     | no credit     |
| Chem. 428-Research in Chemistry         | B     | 1 course      |
| SUMMER QUARTER 1939                     |       |               |
| Chem. 349-Study of Large Molecules      | R     | no credit     |
| Chem. 428-Research in Chemistry         | B     | 1 course      |
| Phys. 371-Vector Analysis               | R     | no credit     |
| SUMMER QUARTER 1940                     |       |               |
| Chem. 428-Research in Chemistry         | A     | 1 course      |

*E. C. Miller*  
E. C. Miller  
Registrar

U.S. Brooks  
J.C. Smith University  
Charlotte, N.C.



## EXPLANATORY NOTES

*The Quarter* is the unit of time. Three quarters, equivalent to two semesters, constitute an academic year.

*The Major* is the unit of credit. It is equivalent to  $3\frac{1}{3}$  semester hours or 5 quarter hours.

*The grades* in the undergraduate courses and in the Graduate Divinity School, with qualitative evaluation in grade points, are on the scale following: A, 6; B, 4; C, 2; D (low pass), 0; F (failure), -2. This scale was used also in graduate courses until June, 1926, after which time the following scale was adopted for all graduate courses except in the Divinity School: H, passed with distinction; P, passed; U, undergraduate credit only; F, failure.

*Course numbers.* Beginning June, 1925, the first figure of each course number indicates the group in which a course belongs: 101-99, primarily for College students; 201-99, primarily for undergraduates who have been admitted to a Division; 301-99, graduate courses; 401-99, pre-research, problem, or research courses.

*Graduate credit.*—In case of students in the graduate and professional schools this statement certifies that all the courses named are on record; the acceptance of courses as credit toward an advanced degree rests with the department concerned.

*Master's degree.*—At least six of the eight majors offered for the Master's degree shall be from courses marked 300 or above.

*Deferred credit.*—A dash (—), the entry "def" or "contingent" in the credit column means formal credit deferred until the second half of the course is taken or, in case of French, Spanish, or German, until the third major is completed with grade of "C" or better.

*Limited credit.*—Certain elementary courses yield, for undergraduates, only half-credit if the student already has 18 majors, and no credit if he has 27 majors.

*Home-study courses* are valid toward a Bachelor's degree to the extent of 18 majors.

*Entrance units.*—Admission credits are reckoned in *units*, of which fifteen represent a four-year high-school course, and are required for admission to the College.

*Disciplinary action.*—The transcript includes disciplinary action which is still active at the time of issuing the transcript.

### NOTE TO STUDENT:

One dollar is charged for each transcript in excess of the first two.

## I. GENERAL NOTES

1. *The quarter* is the unit of time. Three quarters, equivalent to two semesters, constitute an academic year.
2. *Course numbers*.—Beginning June, 1925, the first figure of each course number indicates the group in which the course belongs: 100-199, primarily for College students; 200-299, primarily for undergraduates in a Division or a Professional School; 300-399, graduate courses; 400-499, pre-research, problem, or research courses.
3. *Entrance units*.—Fifteen units, representing a four-year high-school course, were required for admission until June, 1932, after which only twelve senior-high-school units were required.
4. *Honorable dismissal*.—A student is honorably dismissed, if dismissal is desired, unless otherwise stated.

## II. THE OLD EDUCATIONAL PLAN

1. *The major* was the unit of credit. It was equivalent to  $3\frac{1}{2}$  semester hours or 5 quarter hours.
2. *The marking system*.—The grades in the undergraduate courses and in the Divinity School, with qualitative evaluation in grade points, were on the following scale: **A**, 6; **B**, 4; **C**, 2; **D** (low pass), 0; **F** (failure), -2. This scale was used also in graduate courses until June, 1926, after which time the following scale, with no quality points, was adopted for all graduate courses except in the Divinity School: **H**, passed with distinction; **P**, passed; **U**, undergraduate credit only; **F**, failure. From October, 1932, to June, 1934, the marks **s**, **u**, or **R** were used for students in the Old Plan. (See Sec. III, 3).
3. *Bachelor's degree*.—The minimum requirement for the Bachelor's degree was 36 majors with an average grade of **C** in all courses taken.
4. *Deferred credit*.—A dash (—) or the entry "def." or "contingent" in the credit column indicated that formal credit would be deferred until the second half of the course had been taken or, in the case of French, Spanish, and German, until the third major had been completed with the grade of **C** or better.
5. *Limited credit*.—Certain elementary courses yielded, for undergraduates, only half-credit if the student already had completed  $17\frac{1}{2}$  majors and no credit if he had completed 27 majors.
6. *Home-Study courses* were valid toward a Bachelor's degree to the extent of 18 majors.

## III. THE PRESENT EDUCATIONAL PLAN

1. *The unit of instruction*.—The "course" is the unit of instruction, comprising four lectures each week throughout the quarter. The normal student load in the College is 3 or 4 courses a quarter; in the Divisions and Professional Schools, 3 courses. Unless it is otherwise indicated, a course is understood to be one unit of instruction. A course marked  $\frac{1}{2}$ C is equivalent to a half-unit of instruction; a course marked 2C is equivalent to two units of instruction; etc.
2. *Semester hour equivalent*.—A College course (one unit of instruction) is equivalent to 3 semester hours; a course (one unit of instruction) at the divisional level is equivalent to  $3\frac{1}{2}$  semester hours. The introductory general courses and courses numbered 100-199 are College courses. Courses numbered 200-499 are at the divisional level (See Section I, 2.)
3. *The marking system*.—Before June, 1934, the following course marks were used: **s** (satisfactory), indicating that the quantity and quality of the student's work in a course were satisfactory; **u** (unsatisfactory), indicating that the quantity and quality of the student's work in a course were unsatisfactory. After that date the following scale was adopted for all students desiring course credit for transfer or other purposes: **A** (excellent), **B** (good), **C** (fair), **D** (low pass), **F** (failure). The mark **R** (registered) indicates (a) that there is insufficient evidence regarding the quantity and quality of the student's work in a course, or (b) that the student does not desire course credit. The mark **Inc.** (incomplete) is used only when the student who desires course credit has not submitted all the evidence for a passing mark.

Grades for comprehensive examinations are on the following scale: **A** (excellent), **B** (good), **C** (fair), **D** (low pass), **F** (failure). The student who repeats an examination is credited with the highest grade he receives in that examination.

4. *The College Certificate*.—The program of work in the College is so organized that a graduate of a high school spends approximately two years in the fulfilment of the requirements for the College Certificate. These requirements are stated in terms of educational attainments measured by comprehensive examinations. The student takes the following examinations and tests for the College Certificate: An examination in each of the four general fields—the Biological Sciences, the Humanities, the Physical Sciences, the Social Sciences—and examinations in any two of the approved departmental or interdepartmental sequences. Each examination, if passed with the grade **D** or better, is equivalent to the work covered by three College courses (9 semester hours). The student in the College also takes an *English Qualifying Test*. This test, if passed with the grade **D** or better, is equivalent to the work covered by two College courses (6 semester hours).

NOTE.—Before February, 1933, the student qualifying in English for the College Certificate was required to receive the grade **B** in this test.

5. *The Bachelor's degree*.—Work in arts, literature, and science in advance of the first two years is carried on in the four Divisions: the Biological Sciences, the Humanities, the Physical Sciences, and the Social Sciences. In one of these four Divisions, or in a Professional School, the student continues his work toward the Bachelor's degree or toward a higher degree. The requirements for the Bachelor's degree include the successful completion of comprehensive examinations or of courses in selected fields of study. Information concerning the specific requirements for the Bachelor's degree may be secured from the *Announcements* published by the University or from the Registrar.

LETTERS OF REFERENCE

Ulysses S. Brooks

M. E. Thomasson, Professor of Education, Johnson C. Smith University.

Mr. Brooks is, in my judgment based upon eight years of association with him, a man of superior native intelligence who uses that intelligence skillfully and consistently in his field of scholarship. His instructional work here is considered by his students and by his immediate colleagues as solid and competent. Moreover, he is liked as a person.

I cannot evaluate the project the plan for which is submitted. My own training is in no way associated with physical chemistry. I can only say that his associates in chemistry and in physics regard it as a study of importance in the field to which it belongs.

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T. F. Young, Associate Professor of Chemistry, University of Chicago.

Mr. Brooks is a very worthy applicant for one of your fellowships. Summer after summer he has come to the University of Chicago at his own expense, though he could ill afford it. With the aid of your foundation he was enabled to spend one full year here. As a result of all this effort he has been able to overcome many of the deficiencies of his early training which were apparent early in his career here. He has now passed all of the preliminary examinations for the Ph.D. degree. This is a real accomplishment for a man who has had so few advantages in his undergraduate work. Not all of the examinations were passed with a generous margin (one with no margin at all), but on one occasion he led the whole group of nine candidates in the examination in physical chemistry - his own field. Most of his competitors were full-time students who had had the usual advantages of adequate University training.



Ulysses S. Brooks

In the laboratory Mr. Brooks' actual accomplishments compare favorably with those of other students. He has actually obtained more results than any other of several students on similar problems. Two of these we have counted among the best working in the department. Mr. Brooks' success was no accident, but was based upon real ability and extra hard conscientious work. If he is given the opportunity I believe he will complete an excellent thesis. The problem is important and he is able to solve it. I cannot urge his appointment too strongly. He personally deserves help and he is the type of man who, serving as a teacher, will raise the standards of his students and associates.

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# FELLOWSHIPS

April 11, 1941

Dear Mr. Brooks: I take pleasure in informing you that the Committee on Fellowships of the Julius Rosenwald Fund has awarded you one hundred fifty dollars (\$150) to assist you in carrying forward your studies in chemistry at the University of Chicago during the summer of 1941.

All good wishes to you in this additional work toward your degree.

Very truly yours,

GEORGE M. REYNOLDS

GMR\*MLU

Mr. Ulysses Simpson Brooks  
Johnson C. Smith University  
Charlotte, North Carolina

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UNIVERSITY

# SCHOLARSHIP

April 15, 1937

Dear Mr. Brooks: 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 \$1250 to assist in carrying forward your plans for study in the field of chemistry at the University of Chicago.

The amount of the award is based upon the hope that you will receive the La Verne Noyes fellowship from the University. If, by chance, this award is not made to you for the coming year, will you please come in and talk your financial problems over with us?

Please let us know at once if you accept this grant. Official announcement of the Committee's selection for the year will be made soon and can include only those acceptances which have been received. Will you please regard this notification as confidential until the full list is announced.

Very truly yours,

RP:U:RH

RAYMOND R PATY

Mr. Ulysses Simpson Brooks  
Johnson C. Smith University  
Charlotte, North Carolina

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UNIVERSITY