

**The University of Chicago**

FOUNDED BY JOHN D. ROCKEFELLER

**The Board of Trustees**

OFFICE OF THE SECRETARY

April 4, 1913

Professor J. U. Nef,

Faculty Exchange

Dear Sir:-

It gives me pleasure to inform you that at the meeting of the Board of Trustees held on February 18, at which President Judson presented recommendations for next year, your salary as Professor and Head of the Department of Chemistry was increased to six thousand dollars (\$6000) per year to date from October 1, 1913, payable in twelve monthly installments.

Yours very truly,

*Theron Amett*

Secretary pro tem.

April 4, 1913

Professor J. U. Nel,

Faculty Exchange

Dear Sir:-

It gives me pleasure to inform you that at the meeting of the Board of Trustees held on February 18, at which President Johnson presented recommendations for next year, your salary as Professor and Head of the Department of Chemistry was increased to six thousand dollars (\$6000) per year to date from October 1, 1913, payable in twelve monthly installments.

Yours very truly,

*John D. Rockefeller*  
Secretary pro tem.

# DAY LETTER

## THE WESTERN UNION TELEGRAPH COMPANY

INCORPORATED

25,000 OFFICES IN AMERICA

CABLE SERVICE TO ALL THE WORLD

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This is an **UNREPEATED DAY LETTER**, and is delivered by request of the sender, under the conditions named above.

THEO. N. VAIL, PRESIDENT

DELVIDERE BROOKS, GENERAL MANAGER

RECEIVED AT

43 CH G 44 BLUE

TUCSON ARIZ APL 8-13

PROF. JOHN A. NEF,

*Hyde Park 1 C Station. Chicago*GENT CHEMICAL LABORATORY U. *Phone Midway 4321*

HAVE SECURED FIFTEEN HUNDRED DOLLARS ANNUALLY UNCONDITIONALLY FOR  
FOR RESEARCH FOR AT LEAST ONE SCAR TWO MORE YEARS  
PROMISED IF YOU GO TO NATIONAL ACADEMY MOTING AT WASHINGTON  
SAY NOTHING OF THIS AS I HAVE ALSO STARTED THINGS  
MOVING IN THAT CITY BETTER FOLLOWS.

H. A. SPOEHR.

1;19PM

AT ON 2 44 BLUE

TUTORIAL APR 6-13

2007, JOHN A. NEF,

WEST CHEMICAL LABORATORY, ST. LOUIS,

WAVE LENGTHS OF RITEN INWROD D LASS

WAVELENGTH FOR AT LEAST

WAVELENGTH FOR AT LEAST

WAVELENGTH FOR AT LEAST

WAVELENGTH FOR AT LEAST

WAVELENGTH FOR AT LEAST

Herman A. Spahr  
Tucson, Arizona

April 8, 1913.

Dear Dr. Nef:-

This morning I sent you a telegram as follows: "Have secured fifteen hundred dollars annually unconditionally for your research for at least one year; two more years promised. If you go to ~~\$\$\$~~ National Academy meeting at Washington say nothing of this as I have also started things moving in that city. Letter follows". I hope that you will not think that I have taken your affairs too much into my hands. But at our last meeting in Chicago in October I got the impression that you would be glad to get help from outside in order to have another assistant. Since then I have given the subject a great deal of thought. This money has come entirely as an offer, I had simply stated the facts briefly of your work, and that the University does not seem able to support research as it ought to.

This occurred when Mr. Harold Swift visited me here in Tucson a few days ago. The day after he had left I received a letter offering \$ 1,500.00 for one year, while he feels reasonably certain that he can repeat this for two more years. Mr Swift stated that he did not wish it known from whom the money comes, but I am certain that he would not mind to have you know and any whom you may think ought to know. Kindly let me know when and how you wish the money paid.

As to the second part of my telegram, this refers to your application to the Carnegie Institution. This is a matter which, I think, must be dealt with very carefully in order to avoid a great deal of misunderstanding, and to gain the end in view. I have, therefore, spoken very little about it. As I remember you wrote two letters to the President, and received no reply, is that correct? Your not receiving a reply still remains a mystery, for it is contrary to all rules and precedences of the Institution. As I made no appreciable headway on this problem I spoke to Dr. MacDougal of what happened. He was simply amazed, so I feel certain that

William A. Ruppert  
Jackson, Arkansas

April 2, 1915

Dear Dr. Helt:

This morning I sent you a telegram as follows: "Have secured \$1,000.00 and have arranged for your research for at least one year. Two more years provided. If you go to the National Academy meeting at Washington say nothing of this. I have also arranged things moving in that city. I hope I hope that you will not think that I have taken your affairs too much into my hands. But at our next meeting in Chicago in September get the impression that you would be glad to get help from outside in order to have another assistant. Since then I have given the subject a great deal of thought. This money has come entirely as an offer. I had simply stated the facts briefly of your work, and that the University does not seem able to support research as it ought to. This occurred when Mr. Harold Bell visited my home in Tucson a few days ago. The day after he had told I received a letter offering \$1,000.00 for one year, while he feels reasonably certain that he can repeat this for two more years. Mr. Bell stated that he did not wish to know from whom the money came, but I am certain that he would not mind to know you and my work. You may think that to know. Kindly let me know when and how you wish the money paid.

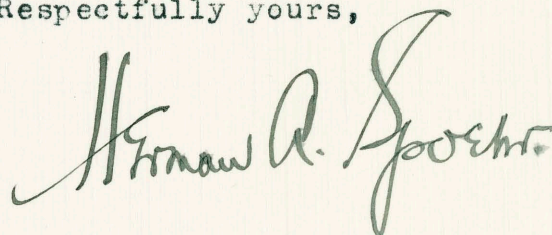
As to the second part of my telegram, this refers to your application to the Carnegie Institution. This is a matter which I wish most to handle with care. It is in a way a great deal of money. I have, therefore, spoken very little about it. As I remember you were too late to the President, and received no reply. It is that correctly. You are receiving a reply still. It is a matter, but it is contrary to all rules and precedents of the Institution. As I made no suggestions on this problem I spoke to Dr. MacDougal of what happened. He was simply amazed, so I feel certain that

that something is radically wrong. Dr MacDougal is extremely tactful, and I feel sure that he will do the proper thing and at the right time, and furthermore that we will find out about the whole affair. I have gone into this detail so that you should know just what I have done. My purpose in wiring you not to speak of the Swift bequest was so as not to spoil any chances of your getting more at Washington.

I hope that what I have done will meet with your approval, and that this is the beginning of a movement in the right direction.

With very kindest regards , I am.

Respectfully yours,

A handwritten signature in cursive script, reading "Herman A. Spohn". The signature is written in dark ink and is positioned to the right of the typed name "Herman A. Spohn".

Prof; John U. Nef,  
Kent Chemical Laboratory,  
The University of Chicago,  
Chicago, ILL.

that something is seriously wrong. Dr. McDowell is  
extremely careful, and I feel sure that he will do  
the proper thing at the right time, and I there-  
fore that we will find out about the whole affair. I  
have gone into this matter so that you should know  
what I have done. My purpose is warning you not to  
speak of the Bill's request was so as not to spell any  
admission of your feeling were at Washington.

I hope that what I have said will meet with  
your approval, and that this is the beginning of a  
movement in the right direction.

With very kind regards, I am,

Respectfully yours,



Prof. John H. Kel.  
Dept. Chemical Laboratory,  
The University of Chicago,  
Chicago, Ill.

April 14-1913.

My dear Dr. Speller:

My dear Dr. Spöcker:

Your letter of April 8<sup>th</sup> - as well as your  
Telegram - came a few days ago.

I was by the way

Telegram came a few days ago.  
You can hardly imagine how thrilled I was by the offer  
of Mr. Harold Swift to assist me in my researches by  
a grant of \$1500 for next year with the possibility  
of repeating this for two more years. ~~It will be a wonderful~~  
~~help to me in my work and I suppose it will be necessary~~  
My work has been progressing so wonderfully since I last saw you  
that the prospect for getting more help has been <sup>who takes his Ph.D. degree in June</sup> ~~because~~ <sup>work ought to stay with</sup>  
more <sup>than two I learned that Mr. Gladfield - at present Swift fellow - would be glad to stay with</sup> ~~help~~ <sup>us. Consequently</sup> ~~Mr. Judson in November~~  
and learned from him that there was very little prospect of getting  
help from the University for some years to come. I have therefore felt  
that I must make <sup>over more</sup> a great effort to get ~~help~~ <sup>help</sup> from outside -  
either from the National Academy of Sciences or from the  
Rockefeller Institute for medical research - and have therefore  
been looking forward to my trip to Washington during the week of  
April 21-28 <sup>to see</sup> ~~to see~~ <sup>definitely</sup> ~~whether~~ <sup>to determine whether</sup>  
this is possible. I must admit that I have given up all hope  
of getting help from the Carnegie Institution; ~~Mr. Woodward assured~~  
my first and second letters <sup>in the following</sup> ~~that they have adopted the definite~~  
policy of using all their funds for their <sup>development of their own</sup> ~~institutions~~  
institutions or <sup>high</sup> ~~for~~ <sup>some reason or other</sup> ~~have decided not to help me.~~  
~~but are~~ <sup>I therefore assume</sup> ~~that Mr. Woodward did not notify me~~  
to this effect because <sup>infer this if I got no further</sup> ~~communication from him.~~



The University of Chicago

If I am able to become an author

Del or Nov 1<sup>st</sup> 1913.

with, with all means before us,

by the amount of 90¢ (or 90¢)

100



Thos.:-  
J. A. Quinn  
R#1. Box 87.  
Lula



Directory Service given  
General P. O. No.

Mr J. U. Nef.  
Dept of Chemistry

Chicago.

University of Chicago.

Amos E. Fuller  
Tax Collector  
Guineville La

value \$300  
tax \$1.20 per 100

∴ 3<sup>1</sup>/<sub>10</sub> 0  
pay to school  
+ 15<sup>th</sup> Dec

R#1 Box 37. Lula Ga.

June 2. 1913  
Mr J. U. Ref.  
Chicago Ill.

Dear Sir:-  
in reply to your letter  
of May the 11. the reason  
of my delay of answering  
your letter I was waiting  
to here from the tax receiver  
and return your property  
for taxation

It has been valued at three  
hundred dollars find  
enclosed some tax receipts  
it is all rite on the tax  
book at Gainesville Ga.

2  
it has been all paid up and  
kept strait till now  
you can pay from the 15th of  
Oct. till the 15th of Dec.  
and pay to Amos E. Fuller

G. L. Gainesville Ga.  
I was informed that Emil Ley  
was farmer in the property  
is why <sup>some</sup> these receipts is in  
his name I have acted as agent  
it is one dollar and twenty  
cts on the hundred last year  
I will close you can pay all  
in Hall County at Gainesville  
please let me here from  
you as soon as you

- 3 -

receive this letter and  
receipts yours Truly  
J. H. Irwin  
Rt. 1. Box 37. Lula.  
Ga.

all taken up to \$16.00  
897107 (5-1896789 3#  
1907-2 3# 1907-2 3#  
60-20 3# 1911 3#  
2161 3#

No. *810* District, G. M. Taxable property returned, \$ *300.00*

Office of Tax Collector, Hall County, Georgia

RECEIVED OF *Emil Lay Mrs. H. Groin (agt)*

*Three*

DOLLARS,

For State, County, Poll, Wild Land and School Tax for the year 1909.

This \_\_\_\_\_ day of \_\_\_\_\_ 1909.

\$ *300*

*J. J. Hudgins*

T. C.

No.	District G. M.	Taxable property returned \$	1900.
Office of Tax Collector, Hall County, Georgia			
RECEIVED OF			
1900.			
Dollars			
For State, County, Poll, Wild Land and School Tax for the year 1900.			
This	day of	1900.	
T. C.			

*Ref. King*

\$ 300

Amount of Property Returned, \$ 300

Tax Collector's Office, Hall County, Ga., ..... 1902.

Received of

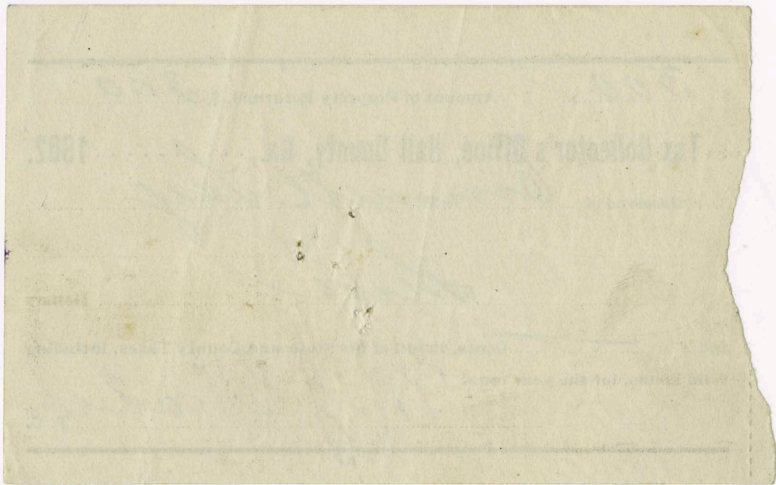
*Emmett Lay*

*Three*

Dollars

and \_\_\_\_\_ Cents, in full of his State and County Taxes, including  
Wild Lands, for the year 1902.

*M. J. Charles*  
T. C.



\$ 300 Amount of Property Returned, \$ 300

Tax Collector's Office, Hall County, Ga., \_\_\_\_\_ 1897.

Received of

Jos. J. Neff  
J. H. Brown Agt  
three Dollars

and \_\_\_\_\_ Cents, in full of his State and County Taxes, including  
Wild Lands, for the year 1897.

M. J. Charles

\_\_\_\_\_  
T. C.

300

Amount of Property Returned \$

488337

Tax Collector's Office, Hills County, Cal.

Received of

*Wm. J. [illegible]*

Dollars

and Cents is full of the State and County Taxes in addition

Wm. J. [illegible] for the year 1897

T.C.

\$ 300 ..... Amount of Property Returned, \$ 300 .....

Tax Collector's Office, Hall County, Ga., ..... 1899.

Received of J. J. Neff .....

.....  
Three ..... Dollars

and ..... cents, in full of his State and County taxes, including Wild Lands, for the year 1899.

M. J. Charles ..... T. C.

Amount of Property Returned, \$ 200

Tax Collector's Office, Hall County, Ga. 1899

Received of

Dollars

and cents in full of his State and County taxes in

cluding With Taxes for the year 1899

Taxable Property Returned \$

300

\$

300

TAX COLLECTOR'S OFFICE

Hall County, Ga.,

1907

RECEIVED Of

Emil Ley

Three

Dollars

00

Cents

State and County Taxes including Wild Lands for 1907.

A. E. Fuller

T. C.

Taxable Property Returned \$

TAX COLLECTOR'S OFFICE

Hall County, Ga.

RECEIVED OF

Dollars

State and County Taxes including With-holds for 1907.

\$ 300

Am't Property Returned \$ 300

Tax Collector's Office, Hall County, Ga., 1901.

Received of

Emmett Lay

Three

Dollars

and Cents, in full of his State and County Taxes, including Wild Lands, for the year 1901.

M. J. Charles  
T. C.

1001

Tax Collector's Office, Hall County, Ga.

Received of

Dollars

Cents, in full of the State and County Taxes, for

including Wild Lands for the year 1901

\$ 2.70

Amount of Property Returned, \$ 300

TAX COLLECTOR'S OFFICE, Hall County, Ga., ----- 1896.

Received of

John J. Nes  
J. H. Swine agt  
Two Dollars

and 70 Cents, in full of his State and County Taxes, including  
wild lands, for the year 1896.

M. J. Charles

T. C.

1850

Amount of Property Returned, \$ 12.00  
TAX COLLECTOR'S OFFICE, NEW COUNTY, GA., 1850

Received of \_\_\_\_\_  
the sum of \_\_\_\_\_  
for the year 1850.

Wm. H. \_\_\_\_\_  
Treasurer

\$ 16 00 Amount of Property Returned, \$ —

TAX COLLECTORS OFFICE, Hall County, Ga., 1895.

Received of

*John L. Ref*  
*John Irvine agt*  
*Sitump*  
*in full of all taxes* Dollars  
and *to date* Cents, in full of his State and County Taxes, including wild  
lands, for the year 1895.

*M. J. Charles*  
T. C.

Amount of Property Returned, \$

1888

TAX COLLECTOR'S OFFICE, HALL COUNTY, GA.

Received of

Dollars

Cash in full of his State and County Taxes including said

for the year 1887.

T. C.

No. 810 District, G. M. Taxable Property Returned, \$ 200

Office of Tax Collector, Hall County, Georgia

Received of Emil Lay  
Three <sup>30</sup>/<sub>100</sub> DOLLARS

\$ \_\_\_\_\_ Poll Tax  
\_\_\_\_\_ Dog Tax  
\_\_\_\_\_ Professional Tax  
150 \_\_\_\_\_ State Tax  
180 \_\_\_\_\_ County Tax  
\_\_\_\_\_ Wild Land Tax  
\_\_\_\_\_ School Tax

\$ 330 Total Amount Tax for the year 1912.

J. J. Redding

T. C.

Office of Tax Collector, Hall County, Georgia

\$ 3.30

School Tax  
Whit Land Tax  
County Tax  
State Tax  
Professional Tax

Total Amount for the year 1912

T. C.

Herman A. Spoehr  
Tucson, Arizona

May 1st. 1913.

Prof. John U. Nef,  
The University of Chicago,  
Chicago, Ill.

Dear Dr. Nef:-

Your letters ~~were~~ were waiting for me on my return from a short trip into the mountains. I am indeed very glad this bequest will help you in your work. As to the payment of the money, how would it be if on the 1st. of November or thereabouts the \$ 1,500 ~~were~~ paid over to you, and you could then arrange with the University as you liked?

I sincerely hope the other prospects of your getting more help will materialize.

As to the Georgia land matter, I must say that personally I know nothing about it at all. I believe, however, that I could find out about the activity in that section of the country. It surely is worth while investigating. I shall write you as soon as I find out anything at all.

*If there is activity in land there ought to be a market for your property.*

Very respectfully yours,

*Herman A. Spoehr.*

*P.S. It seems to me that you ought to investigate the land matter at once, especially as you know that there are others who are active. I know that the law in these questions is such that it pays to watch what others are doing H.A.S.*



The University of Chicago

My dear Dr Spoker:

My dear Dr. Spoker:

Would it not be possible for me to have a formal statement from Mr. Harold Swift before June 1<sup>st</sup> stating that he intends to send me a check for \$1500 on or about October 15<sup>th</sup>, 1913, for use in my experiments in the sugars during academic year 1913-1914 - and if he sees fit to add that he hopes to be able to repeat this request for two subsequent years - such a statement will enable me to ask Mr. Swift for the amount of \$1500 & to have it put forward as a statement of my work for the year 1913-1914. I can then make a statement to the University asking that it be used to pay Mr. J. W. A. Glatfelter for services rendered me as research instructor from October 1<sup>st</sup> 1913 to June 15<sup>th</sup> 1914 [in 9 monthly installments of \$166.67 each beginning November 1<sup>st</sup> 1913] and ending July 1<sup>st</sup> 1914.

Yours very truly  
J. W. A. Glatfelter.

Yours very truly

John Nef.

May 6<sup>th</sup> - 1913

My dear Dr. Spool:

Would it not be possible for me to have a formal statement from Mr. Harold Swift before June 1st stating that he intends to send me a check for \$1000 as or about October 15<sup>th</sup>, 1913 for use in my experiments and in the expense of my researches in your 1913-1914 - and if he sees fit to do so, he hopes to be able to report the progress of the work in the next few months. I can then make the following statement to Mr. Fisher: "That a friend of mine, who is a friend of the chemical department, who writes to me to remain unknown (?) - has given me \$1000 for use in my experiments, in the expense for 1913-1914; that he expects to send me a check for this amount on October 15<sup>th</sup>, 1913, which I shall use (in my experiments) for service rendered me as research assistant to pay Mr. J. W. Fisher 15<sup>th</sup> June 15<sup>th</sup> 1914 [in payment of \$1000 on July 15<sup>th</sup> 1914]."

Yours very truly  
J. W. Fisher

# BARTELS OPTICAL CO. 103 State Street CHICAGO, ILL.

Rooms 702-703 Columbus Memorial Building

Patient's Name Prof. J. H. Wood May 10 1913

R No. \_\_\_\_\_

	SPH.	CYL.	AXIS	PRISM	BASE	BIFOCALS
DISTANCE	Right					Perfection
	Left					Cemented
READING	Right	+0.5	60			Split
	Left	-3.0	+1.0	105		Opifex Kryptok

SIZE OF EYE

SHAPE

SPECTACLES		EYE GLASSES	
Pupillary Distance	_____	Pupillary Distance	_____
BRIDGE	Height _____	Style of Guard	_____
	Crest Forward or Back _____	Cork or Shell	_____
	Angle of Crest _____	Style of Spring	_____
	Width at Base _____	Distance Between Guards { at Top _____ at Bottom _____	
Angle of End Piece	_____	Drill	_____
Distance Between Temples	_____	Stud	_____
Length of Temples	_____	Hole for Cord	_____
Style of Temples	_____		
Frames or Rimless Mountings to be of _____			

*for closest work.*

*H. B. Woodard*

M. D.

103 State Street  
CHICAGO, ILL.

BARTLETT OPTICAL CO.

Rooms 702-703 Columbus Memorial Building

1913

May 10

Patient's Name

Prof. J. H. Hill

R No.

SPH.	CYL.	AXIS	PRISM	BASE	BIFOCALS
Right					Perfection
Left					Cemented
Right	+0.5	90			Spin
Left	+1.0	102			Optex
Right					Kryptok
Left					

SHAPE

SIZE OF EYE

EYE GLASSES		SPECTACLES	
Pupillary Distance	Pupillary Distance	Bridge	Angle of Head Piece
Style of Guard	Height	<div> <div>Angle of Crest</div> <div>Width at Base</div> </div>	Distance Between Temples
Cork or Shell	Crest Forward or Back		Length of Temples
Style of Spring	Angle of Crest		Style of Temples
Distance Between Guards	Width at Base		Holes for Cord
at Top			Stand
at Bottom			Drill

Frames or Rimless Mountings to be of

M. D.

# Swift Canadian Co.

Limited  
Winnipeg, Man.

May 21st, 1913.

Dr. J.U.Nef,  
Chemistry Department,  
University of Chicago,  
Chicago, Ill.

Dear Dr. Nef:-

In accordance with a suggestion from  
Mr. Herman A. Spoehr, I desire to confirm herewith  
a conversation I had with him.

In effect it is that I intend to send to  
you my personal cheque for fifteen hundred dollars  
(\$1500.00), on or before October 15th, 1913, to be  
used in defraying the expense of certain experimental  
work in your department during the year 1913-14.

I also hope to repeat this bequest for two  
sub sequent years. As Mr. Spoehr suggested to  
you however, I prefer that my name should not be used  
in discussing the matter.

Wishing you great success in your work,

I am,

Yours very truly,

Harold H. Swift

Union Stock Yards,  
Chicago

Swill Canadian Co.  
Limited  
Winnipeg, Man.

May 21st, 1913.

Dr. J. U. Nef,  
Chemistry Department,  
University of Chicago,  
Chicago, Ill.

Dear Dr. Nef:-

In accordance with a suggestion from  
Mr. Herman A. Spoehr, I desire to confirm herewith  
a conversation I had with him,  
in effect it is that I intend to send to  
you my personal cheque for fifteen hundred dollars  
(\$1500.00) on or before October 15th, 1913, to be  
used in defraying the expense of certain experimental  
work in your department during the year 1913-14.  
I also hope to repeat this request for two  
subsequent years. As Mr. Spoehr suggested to  
you however, I prefer that my name should not be used  
in discussing the matter.  
Wishing you great success in your work,

I am,

Yours very truly,

Harold H. Swift

Miss Jack Jones  
Chicago

Harold H. Swift  
Union Stock Yards  
Chicago

October 14, 1913

Dr. J. U. Nef,  
Chemistry Department,  
University of Chicago,  
Chicago, Illinois.

Dear Doctor Nef:

Agreeable to an arrangement that I made some time ago with Mr. Herman A. Spoehr, of Tucson, Arizona, I enclose you herewith my personal check for \$1500.00 to be used in defraying expense of certain experimental work in your department during the year 1913-14.

Wishing you great success in your work, I am

Yours truly,

Harold H. Swift

Charles M. Smith  
University of Chicago  
Chicago

October 14, 1913

Dr. J. E. Hall,  
Chemistry Department,  
University of Chicago,  
Chicago, Illinois.

Dear Doctor Hall:

I am very glad to hear that you  
will come to Chicago to spend  
of your time. I enclose you herewith my  
personal check for \$1500.00 to be used in de-  
fraying expenses of certain experimental work  
in your department during the year 1913-14.  
Wishing you great success in your

work, I am

Yours truly,

Charles M. Smith

The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

Department of Chemistry

Oct. 17 - 1913

Mr Harold H. Swift - Union Stock Yards.

Dear Mr. Swift.

Your personal check for \$1500.00, to be used in defraying certain experimental work in the chemical department of the University, was received this morning. Thank you most heartily for this great gift. I have transferred this <sup>sum</sup> ~~gift~~ ~~sum~~ to the University with the understanding that it is to pay this amount to Mr. O.F. Hedauing in nine monthly installments, beginning ~~October~~ November first 1913 and ending July 1<sup>st</sup> 1914. Mr. Hedauing has been acting as my second research instructor since October first; he has just completed last year a fine thesis for the doctor's degree and is splendidly prepared to help me in my work. My regular assistant (Mr. Glettfield) transferred Mr. Glettfield to his position. I have been here in Chicago all summer and have finished writing up the results of my work on the sugars during 1910-13. The paper is now in press and will be about 200 printed pages in length. As soon as I have a reprint, I shall send you a copy. I hope, however, you will give me an opportunity to present to you in person what I have accomplished recently on the sugars, and my plans for this year. The situation is at present <sup>so</sup> tremendously exciting, and it would be a great pleasure, as well as <sup>an honor</sup> to me, if you could some day call at the laboratory and meet both Mr. Glettfield and Hedauing and see us at work.

Yours very respectfully,  
John Edgar Nesbitt



The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

Department of Chemistry

Oct 17 - 1913 -

President H.P. Judson,

My dear Sir;

Enclosed please find <sup>(my)</sup> check for fifteen hundred dollars. A friend of the chemical department of the University, ~~has presented~~ who wishes his name to remain unknown, has presented this amount to me, with the understanding that I shall use it to provide further assistance for my researches on the sugars during the ~~present~~ <sup>present</sup> academic year Oct. 1<sup>st</sup> to July 1<sup>st</sup> 1914; he thinks he may be able to repeat this gift for two more successive years.

I have known of his intentions in this respect since May 1913, and accordingly have, during the summer made arrangements with Mr G. F. Hadenburg [Fellow 1912-13] who has practically completed his thesis work for the doctor's degree to act as my second research instructor, beginning Oct. 1, 1913. He has ~~therefore~~ <sup>as you already know</sup> begun work on Oct. 1<sup>st</sup> in this capacity, and will continue steadily until July 1<sup>st</sup> 1914 - Will you therefore kindly arrange that the University pays him regularly, in nine monthly installments of \$166.<sup>66</sup> <sup>beginning Nov. 1<sup>st</sup>, 1913</sup> and ending July 1<sup>st</sup> 1914, from the above mentioned deposit?

Yours very respectfully,

John Wile Nef.



Harold H. Swift  
Union Stock Yards  
Chicago

October 25, 1913

Dr. J. U. Nef,  
University of Chicago,  
Chicago, Illinois.

Dear Doctor Nef:

I am in receipt of your letter of  
October 24th with enclosures, for which I  
thank you very much.

I also received during the week,  
Mr. Glattfeld's thesis and I note that you  
will send me a copy of your latest work when  
it comes from the printers.

I thank you very much for your  
courtesy.

Yours very truly,

Harold H. Swift





EUROPEAN PLAN  
W. J. FLEMING  
MANAGER.

Cincinnati, Ohio.

April 8, 1914.

Dear Dr. Rep:-

We request  
very much that you could  
not be with us, at this  
dinner, which Dr. Shulitz says  
is the first meeting of Chicago  
Phos in Chemistry.

We send our most hearty  
greetings and most sincere  
expressions of our highest regard  
for you personally, and for the  
influence which you have exerted  
on us in our lives.

Wishing you thorough success  
in the completion of the arduous  
and intricate problems which you  
have undertaken, we are, yours  
Most Faithfully,



W. J. LEMING  
MANAGER

Cincinnati, Ohio  
April 8, 1914

Dear Dr. Hef:

The report  
of the meeting that you have  
not for some time, at this  
time which is the first meeting of the  
Physic in Chemistry.

We have our own hands  
feeling, and that time  
experience of our better report  
for your knowledge, and for the  
influence which you have  
on us in our time.

Within your knowledge there  
in the competition of the  
and interest between you  
have undertaken for us, yours  
Most faithfully,



EUROPEAN PLAN  
W. J. FLEMING  
MANAGER.

S. F. Acree.

William C. Moore

Eugene O. Bingham

Ralph H. McKee

John C. Hessler

E. P. Schock.

Wm. W. Plerson

Hermann Pfeiffer

Fred W. Upson

Herbert N. McCoy

Raymond F. Bacon

A. N. Droulee

Sander N. Jones;



W. H. FLEMING  
MANAGER

S. F. Allen.

James C. Allen  
George W. Allen

John C. Allen

John C. Allen

S. F. Allen.

John C. Allen

John C. Allen

John C. Allen

John C. Allen

John C. Allen

John C. Allen

John C. Allen

John C. Allen

Harold H. Swift  
Union Stock Yards  
Chicago

May 12th, 1914.

Dr. J. U. Nef,  
Chemistry Department,  
University of Chicago,  
Chicago, Illinois.

Dear Doctor Nef:-

In my letter of May 21st, 1913, in connection with my subscription to aid you in your sugar research work, I stated that I hoped to repeat the bequest for two subsequent years.

I now see my way clear to repeat my subscription for the year 1914-15 and will send you my check on or before October 1st, 1914 for \$1500.00.

I beg to repeat my request that you do not use my name in discussing the matter.

Wishing you the fullest measure of success in your work, I am

Yours very truly,

Harold H. Swift,



The University of Chicago

May 14, 1914

Mr. Harold H. Swift - Union Stock Yards.

Dear Mr. Swift:

Your letter of May 12<sup>th</sup> - in which you state that you see your way clear to repeat your subscription of \$1500 for the coming academic year, 1914-15, to aid me in my sugar work - was received yesterday morning. <sup>I should like to</sup> Thank you very much for your courtesy in informing me thus early of your decision, as I can now make definite arrangements with Mr. Hedenburg for another year. ~~The problem which I have been carrying on with him this year has been~~ I hope soon to send you <sup>a</sup> report of what I have accomplished with him during the <sup>present</sup> year. My paper has been out since March 20<sup>th</sup> but the reprints ~~which~~ <sup>unfortunately</sup> were sent by freight from Leipzig and did not reach Chicago until last Friday, and the shipping cost has not as yet got them through the customs inspection. As soon as <sup>any day</sup> they arrive at the laboratory, which may occur ~~at once~~ <sup>any day</sup>, I shall take great pleasure in sending you a reprint. ~~I am pretty tired and expect to sail from New York on the 14<sup>th</sup> for Hamburg.~~



Harold H. Swift  
Union Stock Yards  
Chicago

May 16th, 1914.

Dr. J. U. Nef,  
University of Chicago,  
Chicago, Illinois.

Dear Dr. Nef:-

I have received your work on the Chemistry  
of Sugars and beg to thank you very much for same.

Yours truly,

Harold H. Swift  
m



Arcis-str 19/1

München  
26<sup>te</sup> Juni 1914

Hochzuverehrenden

Ihren Professor,

obwohl ich Ihnen nicht persönlich  
bekannt bin, wage ich es,  
Ihre freundlichste Bitte um  
Hilfe zu richten!

Ich wäre Ihnen außerordentlich  
dankbar für 3 Sonderabdrücke,  
Heraus bis dato in den "Annalen  
publiziert<sup>3</sup> großen Arbeiten  
aus der Zuckergruppe.

Ich bin Assistent bei dem Direktor

Das Geringe Wissen an den  
Münchener Ingenieurhochschule,  
Professor Lintner;

auswärtig in der Fakultät von I. von Liebig,  
(aber nicht in der Universität!)

Ich interessiere mich sehr für  
vorgegebene Arbeiten, und für  
die sehr interessanten Unter-  
suchungen von Dr. Frey  
hier, zu denen ich mich  
beziehe.

Zeigen Sie mir meine Zusage.

liebe und Verehrung!

In der Hoffnung aufgeben:

Heinrich v. Liebig, D<sup>r</sup>

On board S.S. La Flandre bound for New York from Havre, France)

The University of Chicago, September, 1914.

Mr. Harold Swift, Union Stock Yards, Chicago, Ill.

Dear Mr. Swift:

As I wrote you in my last letter, it has been my intention to send you a brief report of the main results of my sugar work during the academic year, Oct. 1<sup>st</sup> 1913 to ~~Oct. 1<sup>st</sup>~~ <sup>July 1<sup>st</sup></sup> 1914.

My experiments have proceeded in many directions, and the majority of them have, ~~in the light of previous work~~, lead to definite, ~~and to the expected~~ positive results; my main effort has, ~~however~~, been concentrated on work having for its aim the solution of the mystery of enzymic or microbic action on sugars. In fact almost all my experiments for the past 20 years have been carried out with this end object constantly in view. In September 1<sup>st</sup> 1913 I felt that I had ~~gained~~ <sup>gained</sup> sufficient ~~chemical~~ <sup>experience</sup> work with the sugars, ~~and that I could possibly~~ <sup>be able to begin</sup>

~~now begin~~ <sup>advantageously</sup> experiments on the action of microorganisms (as well as of the enzymes which these secrete) on various sugars, hexose. You probably know that yeast, and the enzyme obtained from yeast by Buchner in 1896 ~~and~~ called zymase, ~~equally possess~~ the power of splitting dextrose or grape sugar (glucose),  $\text{CH}_2\text{OH} \begin{array}{c} \text{H} \text{ H} \text{ OH} \text{ H} \\ | \quad | \quad | \quad | \\ \text{C} - \text{C} - \text{C} - \text{C} \\ | \quad | \quad | \quad | \\ \text{OH} \text{ OH} \text{ H} \text{ OH} \end{array} \text{CH O} \frac{1}{5} \text{O} \text{H}_2 \text{O}_6$ , into 2 molecules of ethyl alcohol,  $2\text{CH}_3\text{CH}_2\text{OH}$ , and carbon dioxide,  $2\text{CO}_2$ .

Similarly that various bacilli, as well as lactic aerogenes and streptococci, or the enzymes which these secrete, have the power of breaking down glucose into 2 molecules of lactic acid,  $2\text{CH}_3\text{CHOH-COOH}$ . Up to the present time, it has not been possible to <sup>decomposition</sup> accomplish a transformation of grape sugar into these various products.

The University of Chicago  
Chicago, Illinois  
June 1, 1911

Dear Sir,  
I have the honor to acknowledge the receipt of your letter of the 28th inst. in relation to the matter of the purchase of the book "The Principles of Chemistry" by Prof. Wm. M. Bassett, and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, however, unable to give you any definite answer at this time, as the matter is still under consideration. I will, however, endeavor to give you a final answer as soon as possible. Very respectfully,  
J. H. Thompson  
Chairman of the Committee on the Purchase of Books

## The University of Chicago

by purely chemical means. Consequently there has been much speculation as to the method by which the presence of <sup>relatively</sup> small amounts of living substances, or of the various <sup>or</sup> proteins <sup>or</sup> enzymes generated by these living objects, can accomplish these wonderful changes <sup>with super solutions</sup>. We are obviously dealing here with the chemistry of contact action, or catalysis, which plays such a predominant rôle in all chemical ~~transformations~~ <sup>changes</sup> which take place in the animal and vegetable kingdom <sup>such as</sup> the transformation, <sup>as well as the</sup> and synthesis of fats, sugars and proteins etc. A complete solution of the problem would therefore obviously be of fundamental importance not only to chemistry but also to all the biological sciences, as well as <sup>to</sup> medicine; I have determined to devote the greater part of my energy to its solution for some time to come. If I should be so fortunate as to solve the problem completely in the case of the simple hexose sugars during the coming three years, I should feel that I had amply justified the confidence which you have shown towards me by your generous support of my work.

Mr. Heisenburg came to me last October with ample training in <sup>physiology</sup> bacteriology, and Drs. Haimenau and Jordan, of the bacteriology dept. <sup>at Illinois</sup> were ready to help us by furnishing pure cultures of the various microorganisms etc. desired. I concluded, however, after mature consideration during the latter part of September and the first week in October 1913, that experiments on the sugars with microorganisms, or with enzymes, would ~~complicate~~ <sup>complicate</sup> the situation enormously; ~~and~~ that I might <sup>by so doing have to spend years of labor</sup> like Pasteur, Buchner and countless others, ~~have to spend~~ <sup>have to spend</sup> years of labor without any probability of a decisive outcome. Consequently I resolved to postpone efforts in this direction for the present,



## The University of Chicago

and decided to see first whether it would not be possible to accomplish the transformation of grape sugar into alcohol and carbon dioxide by purely chemical means i.e. without the use of yeast or of the zymase secreted by the yeast microorganism. The mystery of vinegar formation from ethyl alcohol <sup>and air</sup> by means of *mycoderma aceti* etc. had in fact been solved by me in an entirely similar manner (some 10 years ago). Accordingly I have during the period, October 7, 1913 to June 14<sup>th</sup> 1914, been carrying out a very exhaustive series of experiments on the behavior of dextrose, galactose ~~and~~ laevulose <sup>and mannose</sup> towards small amounts of the hydroxides, carbonates, and acetates of magnesium, zinc, cadmium, thorium, lead, iron, <sup>and</sup> aluminium. I do not as yet understand fully the nature of all the products formed from these sugars with the reagents named; but this much is certain. I have discovered an entirely new series of sugars, which I believe to be  $\gamma$  anhydrosugars, and which I think are widely distributed in nature. Whether they are ~~the~~ intermediate products in the breaking down of dextrose <sup>etc.</sup> into alcohol and carbon dioxide etc can be told only by further experiments; and if so, I <sup>stand to</sup> ~~stand to~~ <sup>benefit</sup> ~~benefit~~ in time to succeed in effecting these <sup>further</sup> transformations ~~the~~ by purely chemical means. At any rate my main task during the coming months must obviously be, (1) to isolate these new products in <sup>perfectly</sup> pure condition, (2) to determine their chemical constitution, and (3) to ascertain their chemical transformations. It is very clear that the products obtained play some very important role in nature, <sup>that</sup> and their exhaustive study is indispensable







Harold H. Swift  
Union Stock Yards  
Chicago

September 23rd, 1914

Dear Dr. Nef:-

I am in receipt of your letter written early in the month on board the "LaFlandre", and I thank you very much for it. I have read same with no little interest and am glad that your labors seem to show some reward.

I enclose you herewith my personal check for \$1500.00 to cover my subscription for your assistant this coming year as outlined in my letter of May 12th, and your reply of May 14th.

Yours cordially,

Harold H. Swift

Dr. J.U. Nef,  
University of Chicago,  
Chicago, Illinois.

Wm. B. Ewing  
University of Chicago  
Chicago

September 23rd, 1914

Dear Dr. Kell:

I am in receipt of your letter written

early in the month on which the "Belvedere", and

I thank you very much for it. I have read some

of the "Belvedere" and am glad to hear

of the success of the new year.

I enclose you herewith my personal check

for \$1500.00 to cover my subscription for your as-

stant this coming year as outlined in my letter

of May 19th, and your reply of May 14th.

Yours cordially,

Wm. B. Ewing

Dr. J. D. Kell  
University of Chicago  
Chicago

Harold H. Swift  
Union Stock Yards  
Chicago

October 24th, 1914.

Dr. J. U. Nef,  
The University of Chicago,  
Chicago, Illinois.

Dear Dr. Nef:-

Am in receipt of your letter of October  
23rd, enclosing letters from Dr. Angell and Mr.  
Dickerson, for which I thank you.

I have taken the liberty of keeping a  
copy of each of the letters and return them to  
you herewith.

Yours most sincerely,

Harold H. Swift

Dr. J. V. Bell,  
The University of Chicago,  
Chicago, Illinois.

October 22nd, 1914.

Dr. J. V. Bell,  
The University of Chicago,  
Chicago, Illinois.

Dear Dr. Bell:-

As in receipt of your letter of October  
22nd, enclosing letter from Dr. Ansell and Dr.  
Hobbeson, for which I thank you.

I have taken the liberty of keeping a  
copy of each of the letters and return them to  
you herewith.

Yours most sincerely,

Harold A. Kniff

The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

Office of the President

Chicago, October 1, 1914

My dear Mr. Nef:-

I beg leave to acknowledge your favor of September 28th referring to the proposed appointment of Oscar F. Hedenburg as your special research assistant on a research instructorship during the academic year 1914-15, at a salary of \$1500; the same being provided by gift of an anonymous friend for which your check has been received.

I understand that arrangements of this kind require ratification by the Board of Trustees, and I will submit the matter at the next meeting of the Board. I have no question that the arrangement will be approved, and that you may safely proceed to have Mr. Hedenburg enter on his duties.

Yours very truly,

*James W. Angell*

Vice-President

J.R.A. - L.

Mr. J. U. Nef,  
The University of Chicago.



The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

OFFICE OF THE SECRETARY

The Board of Trustees

October 22, 1914.

Prof. John U. Nef,

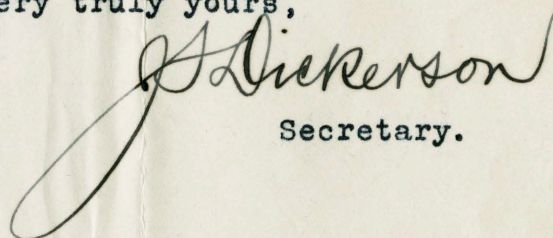
Faculty Exchange.

Dear Mr. Nef:

At the meeting of the Board of Trustees held October 20, Mr. Hedenburg was reappointed Research Instructor in the Department of Chemistry, in accordance with your letter of September 28, 1914.

I am sure that I voice the sentiment of all the members of the Board of Trustees in expressing to the donor of this fund their thanks for the continuation of this generous gift. Will you please convey to the University's unknown friend this expression of appreciation and thanks?

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. Dickerson". The signature is fluid and cursive, with a large loop at the end.

Secretary.

October 22, 1914.

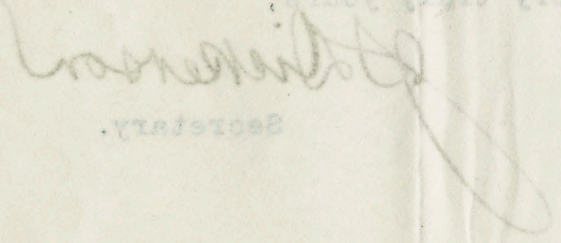
Prof. John U. Nel.

Faculty Exchange.

Dear Mr. Nel:

At the meeting of the Board of Trustees held October 20, Mr. Hedsburg was reappointed Research Instructor in the Department of Chemistry, in accordance with your letter of September 28, 1914. I am sure that I voice the sentiment of all the members of the Board of Trustees in expressing to the faculty of this land their thanks for the continuation of this generous gift. Will you please convey to the University's unknown friend this expression of appreciation and thanks?

Very truly yours,

  
Secretary.