

# JULIUS ROSENWALD FUND

4901 ELLIS AVENUE  
CHICAGO

Application and accompanying documents should be filed as early as possible for the convenience of the Fellowship Committee, preferably during the early autumn. No application can be considered by the Committee unless the completely filled-out blank and all of the materials requested reach the Director for Fellowships by January 5, 1942.

Negro

White Southerner

Name in full..... J. Ernest Wilkins, Jr. ....

Present address ..... 6717 Evans Avenue, Chicago, Illinois .....  
City State

Permanent address ... 6717 Evans Avenue, Chicago, Illinois .....  
City State

Present position (be specific)..... Alvia K. Brown Fellow.....

Institution or organization... University of Chicago..... Annual salary... \$500.00.....

Address Eckhart Hall, 58th and University, Chicago, Illinois .....  
City State

Specific Field... Mathematics.....

Concise statement of plan of work..... Multiple integral problems in the  
calculus of variations.....

Dates of period for which grant is desired..... September, 1942 to August, 1943.....

What is your estimate of the total duration of the proposed project?..... One Year.....

Will you return to your present position?.. NO... If not, for what position do you seek further training?.....  
..... A position on the faculty of some university.....

*If you contemplate graduate study, please fill in the following:*

What institution do you wish to attend?..... Institut for Advanced Study, Princeton.....

Have you been admitted?..... For what degree will you work?.....

Under whose supervision?..... Department of.....



**Personal History**

Place of birth..... Chicago, Illinois..... Date of birth... Nov. 27, 1923.

Single, married, widowed, divorced..... Single.....

Name and address of wife or husband..... None.....

Occupation and salary of wife or husband..... None.....

Number and ages of children..... None.....

Dependents... None..... To what extent?..... Relationship.....

Have you any constitutional disorder or physical disability?..... No.....

(The Committee on Fellowships reserves the right to require a full physical examination.)

**Education**

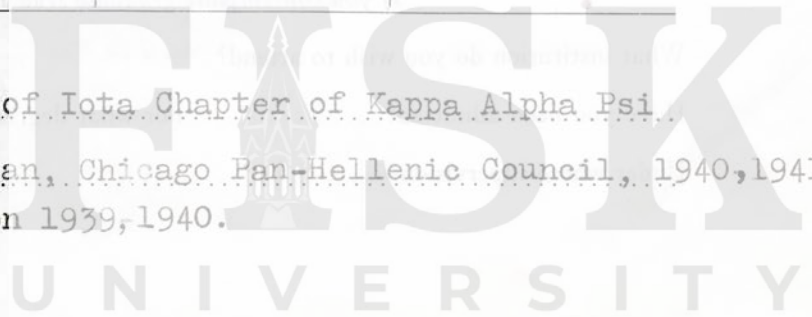
One official transcript of your college and university records together with five copies must be submitted with your application. (Copies may be typed by the applicant.)

	Name of Institution	Period of Study (Give dates)	Degrees, Diplomas, Certificates (Give dates)
College	University of Chicago	1937-1940	S.B., Aug., 1940
	University of Chicago	1940-	S.M., June, 1941
University			
Professional or technical			
Special study			

Significant extra-curricular activities... Polemarch of Iota Chapter of Kappa Alpha Psi

..... Fraternity, 1941; Parliamentarian, Chicago Pan-Hellenic Council, 1940, 1941

University Table Tennis Champion 1939, 1940.



**Experience**

Give record chronologically.

Institution or Organization	Address	Position	Inclusive Dates	Annual Salary
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
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.....	.....	.....	.....	.....

**Accomplishments**

1. Of what learned, scientific, or artistic societies are you a member? ... Phi Beta Kappa, .....  
 ..... American Mathematical Society. ....

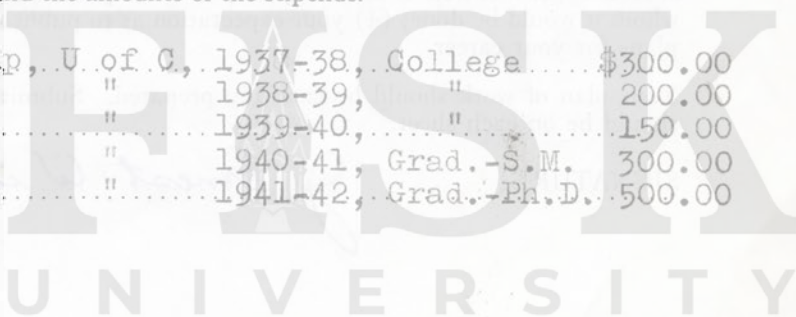
2. What research or creative work have you done? (If in business or a profession, give evidence of standing and achievements.)

Master's Thesis- "Derivatives of a Function of a Complex Variable" .....  
 A paper entitled "Canonical Forms for Collineations in the Plane" pre-  
 sented to the Junior Mathematics Club at the U. of C., Feb, 1941. ....  
 I expect to have completed my Doctor's Thesis, "The Multiple Integral  
 Problem in the Calculus of Variations in Parametric Form" by June, 1942.

3. Publications (Books and articles. Give title, date, and publisher.) .....  
 ..... None .....

4. List scholarships or fellowships you have previously held or now hold, stating in each case the places and periods of tenure, the studies pursued during your incumbency, and the amounts of the stipends.

One-Year Honor Entrance Scholarship, U. of C., 1937-38, College ..... \$300.00  
 Second Year Honor Scholarship " 1938-39, " 200.00  
 Divisional Honor Scholarship " 1939-40, " 150.00  
 Graduate Honor Scholarship " 1940-41, Grad.-S.M. 300.00  
 Alvia K. Brown Fellowship " 1941-42, Grad.-Ph.D. 500.00



**Budget Estimate**

Room and board..... \$ 600.00  
 Clothing ..... 200.00  
 Insurance ..... 150.00  
 Tuition ..... 400.00  
 Transportation ..... 150.00  
 Miscellaneous ..... 250.00  
 Books, Subscriptions ..... \$ 150.00

Total amount needed ..... \$ 1900.00  
 Amount applicant can provide ..... \$ 100.00  
 Amount requested from Fund ..... \$ 1800.00



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If you have applied or expect to apply elsewhere for any fellowship for the same period (which is, of course, permissible) state the facts regarding such application.

None

**References**

List references from whom confidential information may be obtained concerning your professional qualifications and from whom expert opinion may be obtained as to the value and practicability of your proposed plan of work.

Name of Reference	Position	Address
Mr. Gilbert A. Bliss	Professor Emeritus, U. of Chicago	Eckhart Hall, University of Chicago, Chicago, Ill.
Mr. Ernest P. Lane	Chairman, Dept. of Math., U. of C.	"
Mr. A. Adrian Albert	Professor of Math., U. of Chicago	"
Mr. William T. Reid	"	"
Mr. Magnus R. Hestenes	"	"

**Statement of Plan of Work**

Submit a statement giving detailed plans for your work during the tenure of your fellowship. This statement should include: (1) a full description of the project, including its character, scope, and significance; (2) the present state of the project (time of commencement, progress to date, etc.) and expectation as to completion; (3) the proposed university, institution of similar grade, or other place where work would be carried on, and the authorities with whom it would be done; (4) your expectation as to publication or use of the results of your study; (5) subsequent plans for your career.

Your plan of work should be carefully prepared. Submit *seven copies* typed on 8½"x11" paper. Your name should be on each sheet.

SIGNATURE

*J. Ernest Wilkins, Jr.*

