

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, 1941.

Negro

White Southerner

Name in full David Harold Blackwell

Present address 1301 West Clark Street, Urbana, Illinois
City State

Permanent address 1301 West Clark Street, Urbana, Illinois
City State

Present position (be specific) Fellow in mathematics, University of Illinois

Institution or organization University of Illinois Annual salary \$600.00

Address Urbana, Illinois
City State

Specific Field Theory of Probability (Mathematics)

Concise statement of plan of work I plan to investigate the properties of non-temporally homogeneous Markoff chains.

What institution do you wish to attend? The Institute for Advanced Study, Princeton, N.J.

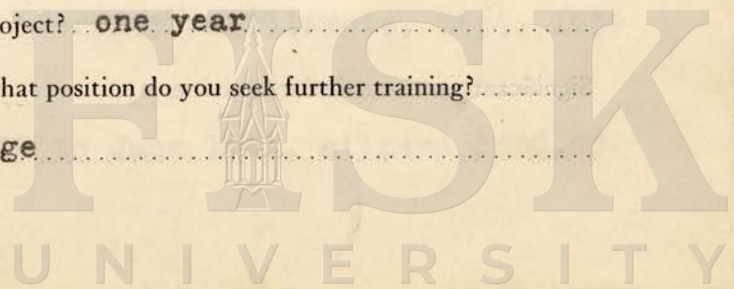
Have you been admitted? no For what degree will you work? none

Under whose supervision? Prof. J.L. Doob Department of mathematics

Dates of period for which grant is desired June 1941- June 1942

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?
teaching mathematics in a Negro college



Personal History

Place of birth. **Centralia, Illinois** Date of birth. **April 24, 1919**

Single, married, widowed, divorced. **single**

Name and address of wife or husband

Occupation and salary of wife or husband

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 four 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 Illinois | Sept. 1935-present | A.B. June 1938 A.M. June 1939 |
| University | | <i>Ph.D. in June of 1941</i> | <i>received certificate 9/3/42</i> |
| Professional or technical | | | |
| Special study | | | |

Significant extra-curricular activities



Experience

Give record chronologically.

| Institution or Organization | Address | Position | Inclusive Dates | Annual Salary |
|-----------------------------|---------|----------|-----------------|---------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Accomplishments

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

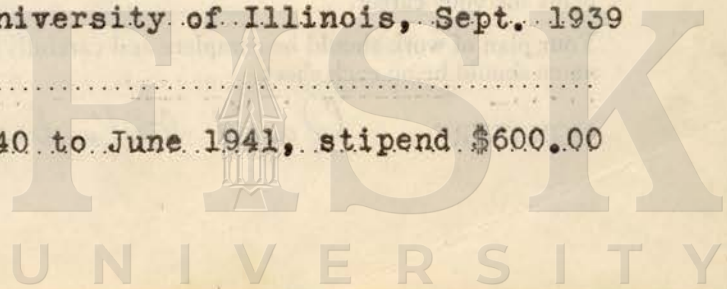
2. What research or creative work have you done? (If in business or a profession, give evidence of standing and achievements.)
.....

3. Publications (Books and articles. Give title, date, and publisher.)
.....

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.

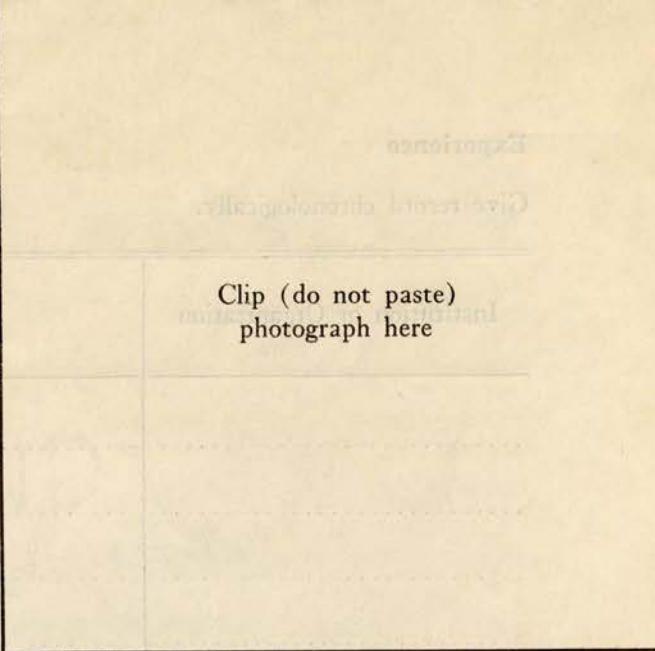
University Fellowship in mathematics, University of Illinois, Sept. 1939
to June 1940, stipend \$500.00.....

Renewal of above fellowship, Sept. 1940 to June 1941, stipend \$600.00



Budget Estimate

Room and board..... \$ 800.00
 Clothing 150.00
 Insurance
 Tuition
 Transportation 100.00
 Miscellaneous **Upkeep of car** 200.00
Other expenses \$ 400.00
 Total amount needed \$ 1650.00
 Amount applicant can provide \$ none
 Amount requested from Fund \$ 1650.00



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

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 |
|------------------------------|--------------------------|--|
| 12-21 Professor J.L. Doob | Professor in mathematics | Dept. of Mathematics University of Illinois |
| Professor A.B. Coble | Head of Math. Dept. | Dept. of Mathematics University of Illinois |
| | | |
| | | |

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 complete and carefully prepared. Submit *six copies* typed on 8½" x 11" paper. Your name should be on each sheet.

SIGNATURE..... *David Blackwell*

