

JULIUS ROSENWALD FUND  
4901 ELLIS AVENUE  
CHICAGO

GR 1937  
DIG. 1940  
DIG. 1941

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 ..... Wade Ellis .....  
Present address ..... 921 Woodlawn ..... Ann Arbor, ..... Michigan .....  
City State  
Permanent address ..... Route 1, Box 175, ..... Boley, ..... Oklahoma. ....  
City State  
Present position (be specific) ..... Fellow in Mathematics, University of Michigan .....  
Institution or organization ..... General Education Board ..... Annual salary ..... \$1350 & .....  
Tuition.  
Address ..... 49 W. 49th Street, ..... New York, N. Y. ....  
City State

Specific Field	Mathematics
Concise statement of plan of work	Attempt to discover a theory of conditional invariants for differential geometry in the complex two- and three-spaces.

Dates of period for which grant is desired ..... September 1, 1942 to June 15, 1943. ....  
What is your estimate of the total duration of the proposed project? ..... Approximately ten months. ....  
Will you return to your present position? ..... No ..... If not, for what position do you seek further training? .....  
Instructor in Mathematics, Probably at Fisk University, Nashville, Tennessee.

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

What institution do you wish to attend? ..... University of Michigan .....  
Have you been admitted? ..... Yes ..... For what degree will you work? ..... Doctor of Philosophy .....  
Under whose supervision? ..... Professor G.V. Rainich ..... Department of ..... Mathematics .....



**Personal History**

Place of birth... Chandler, Oklahoma... Date of birth... June 9, 1909

Single, married, widowed, divorced... Married

Name and address of wife or husband... Agatha C. Ellis, 921 Woodlawn, Ann Arbor, Mich.

Occupation and salary of wife or husband... Housewife.

Number and ages of children... One---2 1/2 years; another child expected in February.

Dependents... 3 To what extent? One--\$20.00 Mo. Relationship Wife & Son

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	Wilberforce University	1924-28	B.S. 1928
University	Univ. of New Mexico	Feb. 1937 to June, 1938	M.S. 1938
	Univ. of Michigan	S.S. 1939 June 1940 to date	
Professional or technical			
Special study			

Significant extra-curricular activities... Student Assistant in Mathematics, Univ. New Mexico, 1937-38



**Experience**

Give record chronologically.

Institution or Organization	Address	Position	Inclusive Dates	Annual Salary
State Training School for Negro Boys	Boley, Oklahoma.	Prin. Acad. Dept.	1928-1935	\$1200 & Maint.
"	" "	Chief Clerk	1935-37	"
Fort Valley Normal and Industrial Inst.	Fort Valley, Georgia.	Instructor in Math.	S.S. 1938	\$130 Mo. & Maint.
Fisk University	Nashville, Tenn.	Teach. Asst. Mathematics	1938-39	\$1000.
Fisk University	Nashville, Tenn.	Instructor in Math.	1939-40	\$1000.

**Accomplishments**

1. Of what learned, scientific, or artistic societies are you a member? American Mathematical Society  
 (By recent nomination by the Department of Mathematics, Univ. of Michigan)  
 Kappa Mu Epsilon, National Honorary Mathematics Fraternity.

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

Masters Thesis: "On the Efficiency of Certain Formulas for Approximating Effective Rates of Interest in Amortization Contracts"

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.

1. Tuition Scholarship, Wilberforce Univ., 1925-28; Undergraduate studies.
2. Julius Rosenwald Fund, Special Scholarship, Univ. New Mexico, 1937-38; Graduate Work in Mathematics and Education. \$100.
3. General Education Board, Fellowship, Univ. of Michigan, 1940-41; Graduate Work in Mathematics. \$280 plus Travel & Tuition.
4. General Education Board, Fellowship, Univ. of Michigan, 1941-42; Graduate Work in Mathematics. \$350 plus tuition.



**Budget Estimate**

Room and board.....	\$ 760.
Clothing.....	200.
Insurance.....	152.72
Tuition.....	120.
Transportation.....	---
Miscellaneous.....	200.
To partially dependent Mother.....	190.
Typing & Publication.....	90.
Total amount needed.....	\$ 1712.72
Amount applicant can provide.....	\$ 300.00
Amount requested from Fund.....	\$ 1412.72

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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.

**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
✓ G. Y. Rainich	Professor of Math Univ. of Michigan	Dept of Mathematics U. of Michigan Ann Arbor, Mich.
Samuel Eilenberg	Assoc. Prof. Math. U. of Michigan.	Same as above
C.F. Robert Bartels	Instructor in Math. U. of Michigan	Same as above.
✓ C.V. Newsom	Professor of Math. U. of New Mexico	Department of Math. U. of New Mexico Albuquerque, New Mex.
✓ L.S. Tireman	Prof. of Education U. of New Mexico.	College of Education U. of New Mexico. Albuquerque, New Mex.
Dr. E. E. Van Horn	Trick Univ	Nashville, Tenn

**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 8 1/2"x11" paper. Your name should be on each sheet.

SIGNATURE *Wade Ellis*

