

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE

CHICAGO 15

9-19/28

Application and accompanying documents should be filed as early as possible for the convenience of the Committee on Fellowships, 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 1, 1946.

Negro

White Southerner

Race Relations

Name in full... *Walter Samuel Mc Afee*

Present address... *710 17th Ave*, *South Belmar*, *New Jersey*

Permanent address... *(Same, will leave forwarding address in case of change)*

Present position (be specific)... *Physicist (Research; Supervisor of Theoretical Studies Group)*

Institution or organization... *Evans Signal Laboratory* Annual salary... *\$4300.00*

Address... *Belmar*, *New Jersey*

PHYSICS

Specific Field... *Theoretical Physics*

Concise statement of plan of work... *About 1 1/2 years will be devoted to satisfying certain basic requirements [Additional course requirements, language examinations (passed at O.S.U. but not transferable), and qualifying examinations]. Research work will be started during that time but 1 to 1 1/2 years will be devoted exclusively to research and writing of Doctor's Dissertation.*

Dates of period for which grant is desired... *October 1, 1946 to October 1, 1947*

What is your estimate of the total duration of the proposed project?... *2 1/2 to 3 years*

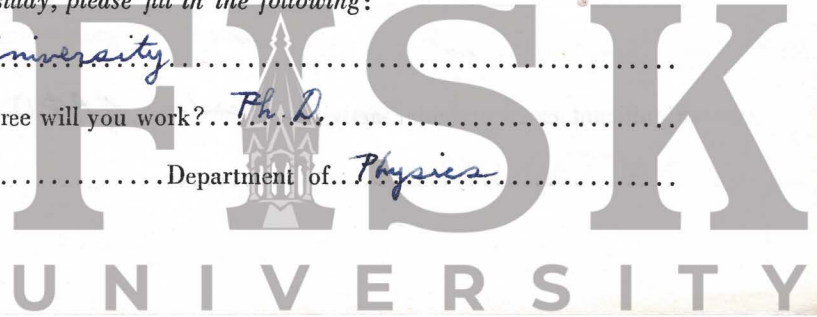
Will you return to your present position? *If it is still available*. If not, for what position do you seek further training?... *Teaching in a Negro College or University; Government research, or Industrial Research.*

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

What institution do you wish to attend?... *Cornell University*

Have you been admitted?... *No* For what degree will you work?... *Ph.D.*

Under whose supervision?... *Dr. H.A. Bethe* Department of... *Physics*



Personal History

Place of birth. *Ore City, Texas* Date of birth. *September 2, 1914* ✓
 Single, married, widowed, divorced. *Married*
 Name and address of wife or husband. *Viola M. Ape, 710 17th Ave., South Belmar, N.J.*
 Occupation and salary of wife or husband. *None*
 Number and ages of children. *Two Daughters; Mercedes 3½ yrs.; Marsha 6 mos.*
 Dependents. *no others* ³ 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.)

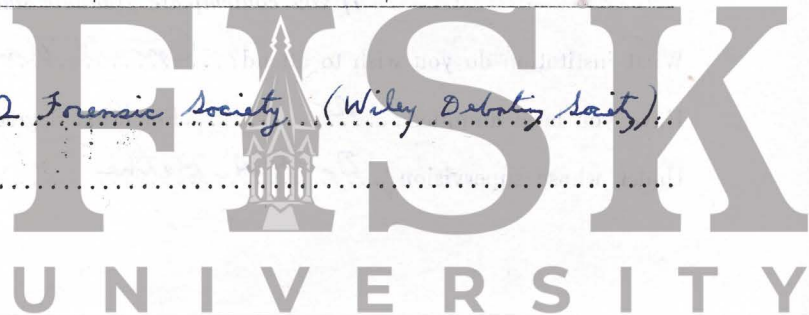
Draft status. *4A*

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)
Undergraduate	<i>Wiley College</i>	<i>1930-1934</i>	<i>B.S. 1934</i> <i>[Honor Magna Cum Laude]</i>
Graduate	<i>Ohio State University</i> <i>Summers</i>	<i>1935-1937</i> <i>1936, '38, '39, '40, & '41.</i>	<i>M.Sc. 1937</i>
Professional or technical			
Special study			

Significant extracurricular activities. *Member of AFD Forensic Society (Wiley Debating Society)*



Experience

Give record chronologically.

Institution or Organization	Address	Position	Inclusive Dates	Annual Salary
Champion Ave. Jr. High.	Columbus, Ohio	Teacher of Gen. Sci. & Math.	1937 - 1942 sept. may	(Last rate) \$2000. (Progression until maximum is reached)
Evans Signal Laboratory	Belmar, N. J.	Physicist	may 1942 - Present	\$4300.00

Accomplishments

1. Of what learned, scientific, or artistic societies are you a member? *Member of The American Physical Society*

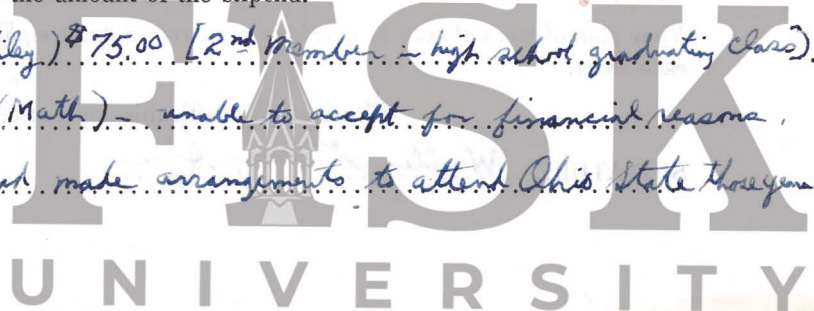
2. What research or creative work have you done? (If in business or a profession, give evidence of standing and achievements.)

Research connected with work which led to Masters Thesis and to reports referred to below. As evidence of standing, I submit that in my present position I have had occasion to work with outstanding Engineers and Physicists and have been consulted by them in connection with my work. My position is one of some responsibility and I have maintained an efficiency rating of E.

3. Publications (Books and articles. Give title, date, and publisher.) *The work below is classified and may not be released for general publication. Title list will be sent upon request. Four Technical Reports (2 in collaboration with others); Five Technical Memoranda (exclusive of routine letters and memoranda). The two ^{classifications} ~~types~~ are not necessarily terms of relative importance. — Technical Reports pertain to problems of a general nature and Technical Memoranda generally pertain to particular equipments of interest to the Signal Corps.*

4. List scholarships or fellowships you have previously held or now hold, stating in each case the place and period of tenure, the studies pursued during your incumbency, and the amount of the stipend.

Undergraduate Scholarship (1st year at Wiley) \$75.00 [2nd member in high school graduating class]. Offered a \$400 grant by Atlanta U. in 1934 (Math) — unable to accept for financial reasons. Offer repeated in 1935 and 1936 but I had made arrangements to attend Ohio State those years.



Budget Estimate

Room and board..(family included).....	\$1800.00
Clothing	500.00
Insurance	70.00
Tuition	350.00
Transportation	280.00
Miscellaneous (including other fees).....	350.00
.....	\$3350.00

Total amount needed	\$ 3350.00
Amount applicant can provide	\$ 1000.00
Amount requested from Fund	\$ 2350.00

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.

I expect to apply for a National Research Council Fellowship as well as for some type of aid from Cornell University.

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
+ Dr. J. A. Daum	was Captain in Signal Corps. Recently discharged. Also Professor of Math. Texas A.&M.	5840 N. 29th St. (Home Address). Omaha, 11, Nebraska
+ Dr. W. M. Elsasser	Physicist	R.C.A. Laboratories Princeton, New Jersey
+ Dr. L. H. Thomas	Professor of Physics (at present on leave to work War Department)	The Ohio State University
+ Mr. C. Anthony McCone	Prof. of Physics	- Minus Teacher College Wash. D.C.
+ Mr. R. G. Edmondson	Prof. of Math.	Wiley College Marshall, Texas

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 *eight copies* typed on 8 1/2" x 11" paper. Your name should be on each sheet.

Please enclose with this application six passport-size photographs.

SIGNATURE *Walter S. McCone*

