

Granted \$2000

Personal History

JULIUS ROSENWALD FUND
4901 ELLIS AVENUE
CHICAGO 15

a-1-2

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 1, 1945.

Negro White Southerner

Name in full... MYNOR PRESTON PAYNE

Present address... 180 West 135th Street, New York, 30, N.Y.
City State

Permanent address... 5419 So. Dearborn St., Chicago, 9, Illinois
City State

Present position (be specific)... Assistant Engineer, Transformer Division
Federal Telephone and Radio Corp.

Institution or organization... Annual salary... \$3600

Address... 740 Washington Ave., Belleville, New Jersey
City State

Specific Field... COMMUNICATION ENGINEERING

Concise statement of plan of work... To study audio and radio frequency engineering, applied mathematics and mathematical physics, and to perform related research leading to a Master of Science degree in Electrical Engineering.

Dates of period for which grant is desired... September 1945 to June 1946

What is your estimate of the total duration of the proposed project?... Three years
if still

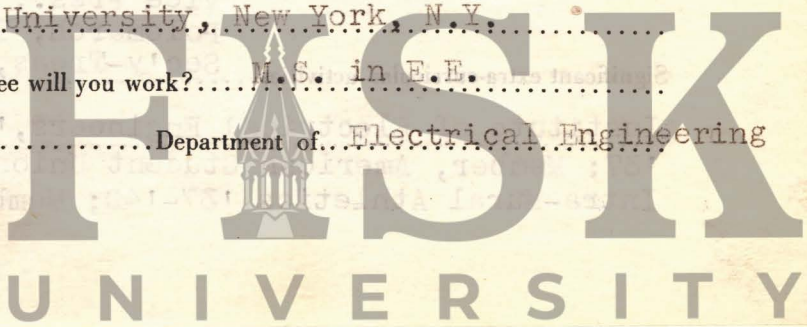
Will you return to your present position?... open... If not, for what position do you seek further training?...
Engineer... in audio or ultra-high frequency research and development

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

What institution do you wish to attend?... New York University, New York, N.Y.

Have you been admitted?... No... For what degree will you work?... M.S. in E.E.

Under whose supervision?... Prof. Walker... Department of Electrical Engineering



Personal History

Place of birth.....Harrisburg, Pa.....Date of birth.....October 19, 1918

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

Name and address of wife or husband.....

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

Number and ages of children.....

Dependents.....1.....To what extent? Partial, approx 60% Relationship.....Mother

Have you any constitutional disorder or physical disability?.....Myopia, 20/500 in each eye

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

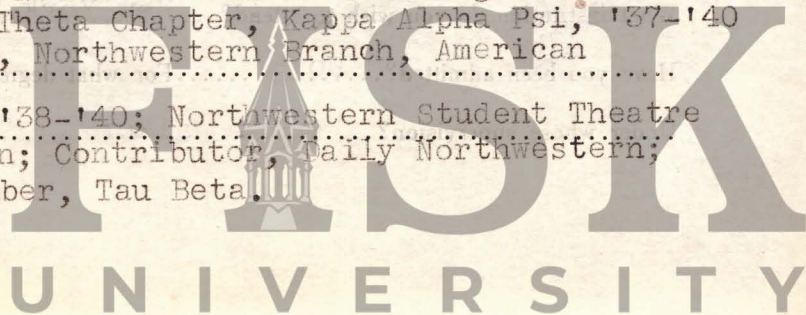
Draft status.....4-F

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	Northwestern University Evanston, Illinois	Sept '36 to June '40	B.S. in E.E. June 15, 1940
Professional or technical
Special study

Significant extra-curricular activities.....
 Vice Pres., Northwestern Student Congress '39-'40
 Polemarch, Theta Chapter, Kappa Alpha Psi, '37-'40
 Sec'y-Treas, Northwestern Branch, American
 Institute of Electrical Engineers, '38-'40; Northwestern Student Theatre
 '37; Member, American Student Union; Contributor, Daily Northwestern;
 Intra-Mural Athletics '37-'40; Member, Tau Beta.



Mynor P. Payne

BUDGET ESTIMATE -- COLLEGE OF ENGINEERING

NEW YORK UNIVERSITY, N.Y.

ROOM AND BOARD

(a) Room at \$ 9.00 weekly)
(b) Board at 17.50 weekly)\$1300

CLOTHING (including maintenance)..... 175

INSURANCE 30

TUITION

(a) University fees \$ 10)
(b) Tuition 363)
(c) Matriculation 6)
(d) Research 30) 430
(e) Graduation 10)
(f) Binding of thesis 5)
(g) Miscellaneous 6)

TRANSPORTATION..... 100

MISCELLANEOUS

(a) Medical & dental care 75)
(b) Books 75)
(c) Membership in Professional Societies 20) 495
(d) General Supplies 75)
(e) Recreation and student activities 250)

AMOUNT REQUESTED FROM FUND

\$2530



Experience

Give record chronologically.

Institution or Organization	Address	Position	Inclusive Dates	Annual Salary
Federal Telephone & Radio Corp.	Belleville, N.J.	Radio Engineer	11-44 to date	\$3600
Hazeltine Electronics Corp.	Little Neck, LI, NY	Radio Engineer	3-44 to 11-44	\$2900
Utah Radio Products Corp.	Chicago, Ill.	Radio Engineer	3-43 to 3-44	\$3800
A.A.F. Technical School	Chanute Field, Ill.	Sr. Instructor	8-41 to 3-43	\$3500
Commonwealth Edison Co.	Chicago, Ill.	Service-man	4-41 to 8-41	\$1500

Accomplishments

1. Of what learned, scientific, or artistic societies are you a member? Tau Beta Pi (Engineering Honorary at Northwestern); to be admitted into Tau Beta Pi, National Honorary Engineering Fraternity in Jan. or Feb. 1945

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

Federal Telephone & Radio Corp) Designed and developed nearly 500 transformers, reactors and filter networks with ratings up to 10,000 VA
 Utah Radio Products Corp

Hazeltine Electronics Corp - Helped to develop navy aircraft radar system and units used in all naval aircraft

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

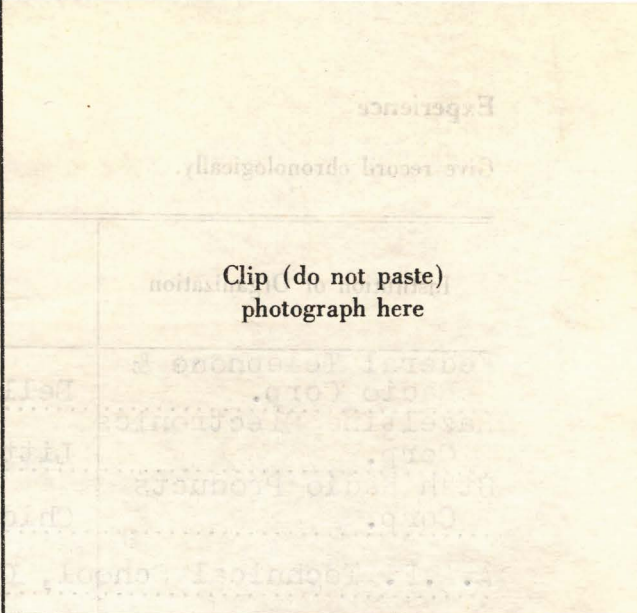
4. List scholarships or fellowships you have previously held or now hold, stating in each case the places and periods of tenure, the studies pursued during your incumbency, and the amounts of the stipends.



Budget Estimate (SEE ATTACHED SHEET)

Room and board..... \$.....
 Clothing
 Insurance
 Tuition
 Transportation
 Miscellaneous
 \$.....

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



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
<i>recd</i> Prof. Arthur B. Bronwell	Asst. Prof of Electrical Engineering	Northwestern Technological Institute, Evanston, Ill.
<i>recd</i> Dr. John F. Calvert, Jr.	Head of Dept of Electrical Engineering	Northwestern Tech. Institute
<i>not there</i> Dr. Solomon Klapman	Physicist	Utah Radio Products Co Chicago, Ill.
<i>recd</i> Mr. W. Austin Ellmore	Vice President Engineering	Utah Radio Products Co Chicago, Ill.
<i>recd</i> Mr. Michael Klebanoff } <i>recd</i> Mr. Albert Ross }	Senior Engineer Transformer Products Division	Federal Telephone & Radio Corp., Belleville, N.J.

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 expectaton 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" x 11" paper. Your name should be on each sheet.

SIGNATURE

Mynor Preston Gage

