

JULIUS ROSENWALD FUND

4901 ELLIS AVENUE
CHICAGO

1940

D16. 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... Townes, Charles Henry
Present address... Apt. 3-111-5-Allen St., State College, Pa.
Permanent address... 708 Wesley St., Petersburg, Va.
Present position (be specific)... Instructor in Physics and Chemistry
Institution or organization... Virginia State College Annual salary \$1407.50
Address... Ettrick, Va.

Specific Field... Crystal structure of Metal
Concise statement of plan of work... A study of Age-hardening of certain alloys with the growth of crystals of a new phase.

Dates of period for which grant is desired... Sept. 1942 - June 1943
What is your estimate of the total duration of the proposed project? It should be completed by May 1943
Will you return to your present position? Yes. If not, for what position do you seek further training?

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

What institution do you wish to attend? Pennsylvania State College
Have you been admitted? Yes For what degree will you work? Ph. D.
Under whose supervision? Dr. Wheeler P. Davy Department of Physics & Chemistry



Personal History

Place of birth *Petersburg, Virginia* Date of birth *May 30, 1915*
 Single, married, widowed, divorced *Married*
 Name and address of wife or husband *Mrs. C.H. Townes Apt. 3-111-5-Allen St.*
 Occupation and salary of wife or husband *None* *State College, Pa.*
 Number and ages of children *None*
 Dependents *Wife* To what extent? *Completely* Relationship *Wife*
 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	<i>Virginia State College</i>	<i>Sept. 1931 - June 1935</i>	<i>B. S. in Physics & Chem.</i>
University	<i>Pennsylvania State College</i>	<i>Sept. 1937 - Aug. 1938</i>	<i>M.S. in Physics</i>
	<i>" " "</i>	<i>Sept. 1940 - Aug. 1941</i>	
Professional or technical			
Special study			

Significant extra-curricular activities



Experience

Give record chronologically.

Institution or Organization	Address	Position	Inclusive Dates	Annual Salary
Lightfoot Training School	Orange, Va.	Principal	Sept. 1935 - June 1936	\$480.00
Virginia State College	Ettsville, Va.	substitute	Sept. 1936 - June 1937	\$1000.00
" " "	Ettsville, Va.	Instructor	Sept. 1938	\$1,401.50
				when I am working

Accomplishments

1. Of what learned, scientific, or artistic societies are you a member? American Physical Society, Sigma Pi Sigma, Beta Kappa Chi, Iota Sigma Lambda, The American Association of University Professors

2. What research or creative work have you done? (If in business or a profession, give evidence of standing and achievements.)
 Master's Thesis, "Low Density Beams"
 Confidential Research for the Navy on Metals

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.
 General Education Board Fellowship to study at Pennsylvania State College 1940-41 \$140.00 per month



Budget Estimate

Room and board ^{for self & wife} \$ 8,000.00
 Clothing 1,000.00
 Insurance 400.00
 Tuition 1,000.00
 Transportation 250.00
 Miscellaneous ^{for lab. fees} 400.00
 \$

Total amount needed \$ 11,650.00
 Amount applicant can provide \$ 700.00
 Amount requested from Fund \$ 11,650.00

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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.

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. ^{write} W. H. P. Davy	Prof. of Physiol. Chem.	State College, Pa. Pennsylvania State College Ethicks, Va.
Dr. John M. Gandy	President	Virginia State College
Dr. ^{write} W. R. Ham	Head of Dept. of Physics	Pennsylvania State College
Dr. ^{write} F. R. Smith	Ass. Prof. of Physics	" " "
Dr. ^{write} D. C. Duncan	Prof. of Physics	" " "

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 Charles H. Towne

