

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. 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 15, 1938**

Negro <input checked="" type="checkbox"/>	White Southerner <input type="checkbox"/>
Specific Field	<u>Physical Chemistry</u>
Concise statement of plan of work	<u>A Study of the Reaction Between</u> <u>Sulphur Vapor and Sulphur Dioxide Under the Influence of</u> <u>the Electric Discharge.</u>

Name in full Birtill Arthur Lloyd

Present address Philander Smith College, Little Rock, Arkansas

Permanent address 6440 Evans Avenue, Chicago, Illinois

Present position (be specific) Professor of Mathematics and Physics

Institution or organization Philander Smith College Annual salary \$1270

Address Little Rock, Arkansas

Place of birth Jamaica, B. W. I. Date of birth June 9, 1905 33

Single, married, widowed, divorced Married

Name and address of wife or husband Ednah Earle, Philander Smith College

Occupation and salary of wife or husband Housewife. None

Number and age of children None

Dependents One To what extent? Total Relationship Wife

Have you any constitutional disorder or physical disability? No

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

FISK
UNIVERSITY

Education

An official transcript and three copies of your college and university records must be submitted with your application. (Copies may be typed by the applicant.)

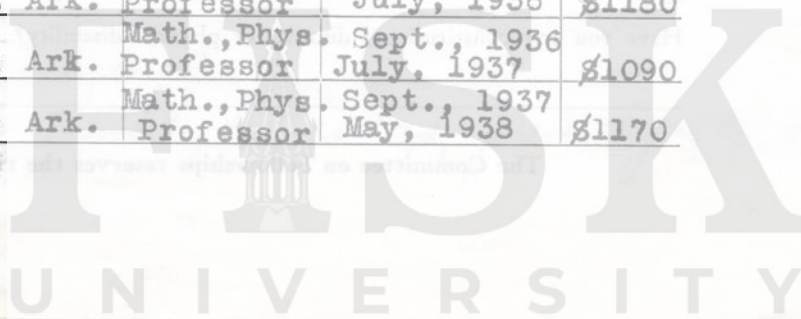
	Name of Institution	Period of Study (Give dates)	Degrees, Diplomas, Certificates (Give dates)
College			
University	University of Illinois	1926 - 1930	B. S., 1930
	University of Toronto	1933 - 1934	M. A., 1934
Professional or technical			
Special study	University of Illinois	1930 - 1931	-

Significant extra-curricular activities Pulaski County Public Forums Committee, Student Counselling and Dormitory Supervision, Building Maintenance, Commencement Speaker in the Local Colored Schools

Experience

Give record chronologically. Applicants now in school should include all part-time work they have done.

Institution or Organization	Address	Position	Inclusive Dates	Salary
Univ. of Illinois	Urbana, Illinois	Scholar in Chem.	Sept., 1930 - May, 1931	\$300
Univ. of Illinois	Urbana, Illinois	Fellow in Chem.	Sept., 1931 Resigned	\$400
State College	Frankfort, Kentucky	Chem., Phy. Professor	Sept., 1931- June, 1932	\$1700
Philander Smith Coll.	Little Rock, Ark.	Math., Phys. Professor	Sept., 1935 July, 1936	\$1180
Philander Smith Coll.	Little Rock, Ark.	Math., Phys. Professor	Sept., 1936 July, 1937	\$1090
Philander Smith Coll.	Little Rock, Ark.	Math., Phys. Professor	Sept., 1937 May, 1938	\$1170



Budget Estimate

Room and board _____ \$ 1050

Clothing _____ 180

Insurance _____ 33.60

Tuition _____ 275

Transportation _____ 75

Miscellaneous _____ 225

_____ \$ _____

Total amount needed \$ 1338.60

Amount applicant can provide 338.60

Amount requested from Fund \$ 1500

Attach a recent
photograph here

Accomplishments

1. Of what learned, scientific, or artistic societies are you a member? Phi Lambda Upsilon, The Society of Sigma Xi, Canadian Institute of Chemistry, National Association for the Advancement of Colored People
2. What research or creative work have you already done? Studies of (1) Thermal Decomposition of Hydrogen Peroxide Vapor; (2) Ionization Potentials of Gases Under Electron Bombardment; (3) Liquid Solubilities in Systems Containing Furfural.
3. Publications EQUILIBRIA IN LIQUID SYSTEMS CONTAINING FURFURAL, Canadian Journal of Research, Section B, Volume 15, March, 1937

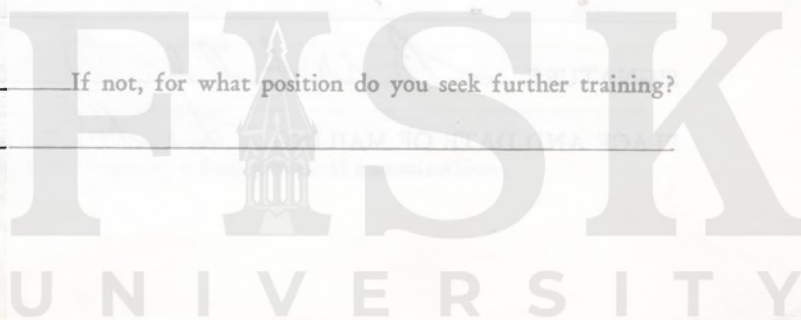
4. List scholarships or fellowships you have previously held or now hold, stating in each case the places and periods of tenure, the studies pursued during your incumbency, and the amounts of the stipends.

University Scholarship, University of Illinois, September, 1930 - June, 1931; Ionization Potentials of Gases Under Electron Bombardment.
University Fellowship, University of Illinois, September, 1931(Resigned)

Plans for Work

1. Will you return to your present position? Yes If not, for what position do you seek further training?

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2. What institution do you wish to attend? University of Illinois
3. Have you been admitted? Yes
4. For what degree are you working? Ph. D. Field? Physical Chemistry
5. Under whose supervision will you work? Professor M. J. Copley
6. If you are not planning to study at an institution, indicate the type of special work you propose to do.

7. When do you wish to begin the study proposed? June, 1938
8. What is your estimate of its probable duration? Fifteen months

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 and scope, and the significance of its presumable contribution; (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 the work would be carried on, and the authorities with whom the work 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 five copies typed on 8 1/2" x 11" paper. Your name should be on each sheet.

References

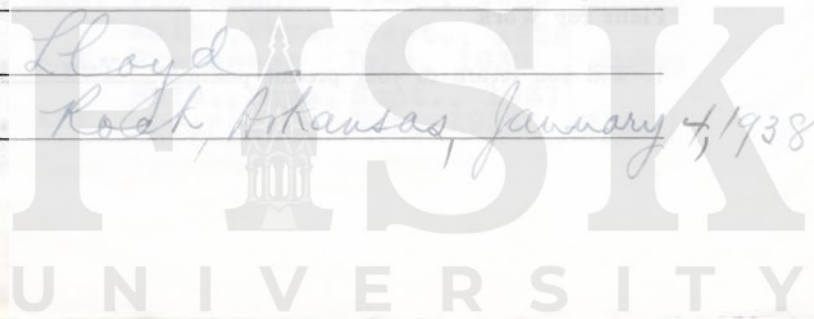
List three references from whom confidential information may be obtained concerning your professional qualifications and from whom expert opinion may be obtained as to the value and practicability of your proposed plan of work.

Name of Reference	Position	Address
✓ <u>Dr. M. J. Copley</u>	<u>Prof. of Chemistry</u>	<u>University of Illinois Urbana, Illinois</u>
✓ <u>Mr. J. B. Ferguson</u>	<u>do. do.</u>	<u>University of Toronto Toronto, Ontario</u>
✓ <u>Dr. M. L. Harris</u>	<u>President</u>	<u>Philander Smith College Little Rock, Arkansas</u>

If you have applied or expect to apply elsewhere for any fellowship for the same period, state the facts regarding such application.

SIGNATURE Birkell A. Lloyd

PLACE AND DATE OF MAILING Little Rock, Arkansas, January 7, 1938



JULIUS ROSENWALD FUND
Chicago

Application for renewal of fellowship should be filed by February 15, 1939. Please attach six copies of a report of your progress under your present grant, and of your plan of work for the coming year.

Negro

White Southerner

Concise statement of plan of work A Study of the Structure and Thermo-
dynamical Properties of Sulphur Monoxide

Name in full Birtill Arthur Lloyd

Present address Box 684, Station A, Champaign, Illinois

Permanent address 6440 Evans Avenue, Chicago, Illinois

Place of study during present grant University of Illinois

If fellowship is renewed, where and how do you propose to spend your time?

University of Illinois, Urbana, Illinois. Research on the Structure
and Properties of Sulphur Monoxide

Under whose supervision? Prof. M. J. Copley, Prof. W. H. Rodebush

For what period are you requesting a renewal? Nine months

Amount requested from the Fund One Thousand and Eighty Dollars

List as references people under whom you have worked during your present fellowship:

Rec'd Prof. Roger Adams, Head, Dept. of Chemistry, Univ. of Ill., Urbana, Ill.

Rec'd Prof. W. H. Rodebush, Dept. of Chemistry, Univ. of Ill., Urbana, Ill.

rec'd Prof. M. J. Copley, Dept. of Chemistry, Univ. of Ill., Urbana, Ill.

Do you plan to return to your former position? Yes

If you have published during the year, please list publications:

✓

✓

Are you applying elsewhere for a fellowship for the same period? If so, where?

No