

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	Zoology
Concise statement of plan of work <u>I am to work on the nature of response in animals with special emphasis on Amoeba and physiological problems under Dr. L.V. Heilbrunn at the Zoological Laboratory of the University of Pennsylvania.</u>	
<u>This work is to lead to the degree of Doctor of Philosophy.</u>	

Name in full Fred Werthly Alsup

Present address Morristown College, Morristown, Tennessee.

Permanent address 713-28 Avenue, Nashville, Tennessee.

Present position (be specific) Head of the Science Department at Morristown College

Institution or organization Morristown College Annual salary \$700

Address Morristown College

Place of birth Nashville, Tennessee. Date of birth August 5, 1914. (23)

Single, married, widowed, divorced Married

Name and address of wife or husband 935- 32 Avenue Nashville, Tennessee.

Occupation and salary of wife or husband Student

Number and age of children One-----age 1 year

Dependents One To what extent? Support Relationship Daughter

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	Fisk University	Jan. 1931-June 1934	Bachelor of Arts
	Fisk University	Sept. 1934-June 1936	Master of Arts
Professional or technical			
Special study	Marine Biological Laboratory Woods Hole, Mass.	Summer of 1937	

Significant extra-curricular activities President of Biology Seminar at Fisk 1932-1933;
Secretary of Men's Senate at Fisk 1932-1933; Assistant Business Manger of the
Fisk Herald 1934

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
Fisk University	Nashville, Tenn.	Graduate Assistant	1934-1936	\$15/month
Morristown College	Morristown, Tenn.	Head of the Science Dept.	Sept. 1936-- Present	\$700/year



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 I wish to continue my experiments designed to show how the peculiar sensitizing effects of light and current on protoplasm, that I have found, are related to the colloidal properties of cells. I wish to continue my studies in Physiology.

Name in full Fred Werthly Alsup

Present address 3626 Sansom St., Philadelphia, Pennsylvania

Permanent address 713-28 Ave. N., Nashville, Tenn.

Place of study during present grant University of Pennsylvania

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

At ^{Marine Biol. Lab. - Woods Hole, Mass.} the University of Pennsylvania studying and continuing my experiments on the colloidal properties of living matter.

Under whose supervision? Dr. L.V. Heilbrunn

For what period are you requesting a renewal? One year (1939-40)

Amount requested from the Fund \$ 1000

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

- (1) Dr. L.V. Heilbrunn - University of Penn. (2) Dr. A.L. Ferguson - University of Mich.
(3) Dr. Schoeple - University of Michigan. (4) Dr. C.V. McClung - University of Penn.

Do you plan to return to your former position? No.

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

"Relation between Responses of Amoeba proteus to Alternating Electric current and Sudden Illumination" - Gen. Physiol. Zool., 1939. I am submitting a paper for publication later this school year.

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

No.

Budget Estimate

Room and board Room-\$4/wk. B.\$8/wk. \$ 12/week

Clothing \$60 for the year

Insurance \$8.00 for the year

Tuition \$250/year at Penn. II.-- Courses in Physical Chemistry at Cornell next summer-\$150

Transportation for the year \$80

Miscellaneous Laundry-\$25/year, Dependant-\$10/month

Incidentals-\$25/year \$ 170/year

Total amount needed \$ 862 plus \$250

Amount applicant can provide \$100

Amount requested from Fund \$ 750 plus \$250 for apparatus and books, and Laboratory Fees \$1000 req. from fund

Accomplishments

1. Of what learned, scientific, or artistic societies are you a member? I am a member of the scholarship society at Fisk University. It is hoped that this society which is known

Signature
as ΣΤΠ can become a chapter of Phi Beta Kappa in the near future.

2. What research or creative work have you already done? My work for my Master at Fisk included original experimental work on the Relation of light and alternating current as shock agents in Amoeba proteus.

3. Publications The experimental work done at Fisk is to be published the first of the year by one of the leading Zoological magazines of the country.

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.

While at Fisk I recieved four Scholarships of \$150 each as an undergraduate. 1931-34

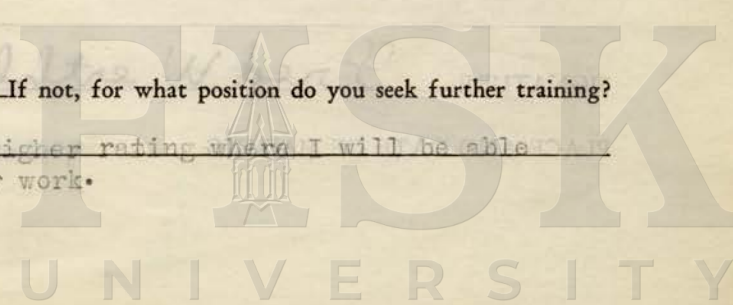
While working on my Master's degree I recieved two Fellowships of \$300 1934-36

Plans for Work

1. Will you return to your present position? No. If not, for what position do you seek further training?

It is my desire to work in a College of higher rating where I will be able to do research work along with my regular work.

no fee on a yr



Attach a recent photograph here

2. What institution do you wish to attend? The University of Pennsylvania
3. Have you been admitted? Yes.
4. For what degree are you working? Ph.D. Field? Zoology (Physiology)
5. Under whose supervision will you work? Dr. L. V. Heilbrunn
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? 18 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 8½" x 11" paper. Your name should be on each sheet.

References

overlooked

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
1. Dr. H. B. Goodrich	Head of Zoology Dept.	c/o Marine Biological Lab. Woods Hole, Mass.
2. Dr. L. V. Heilbrunn	Professor of Physiology	University of Pennsylvania Philadelphia, Penn.
Dr. Elmer Ines	Head of Physics Dept.	Fisk University Nashville, Tenn.
3. Dr. H. T. Folger	Head of Zoology Dept.	Fisk University Nashville, Tenn.
Dr. Packard	Assistant Research Professor-Institute of Cancer-N.Y., New York.	c/o Marine Biological Laboratory Woods Hole, Mass.

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

SIGNATURE Fred W. Erthly Alsop

PLACE AND DATE OF MAILING December 15, 1937 Morrystown College, Morrystown, Tenn.

