

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, 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, 1941.

Negro

White Southerner

Name in full Herman Russell Branson

Present address Dillard University, New Orleans, La.
City State

Permanent address Parahontas, Virginia
City State

Present position (be specific) Instructor in Physics and Mathematics

Institution or organization Dillard University Annual salary \$ 2000.00

Address 2600 Gentilly Road, New Orleans, La.
City State

Biology (says JCU)

Specific Field Mathematical Biophysics

Concise statement of plan of work Research work with the Univ. of Chicago group of mathematical biophysicists in the application of the methods of theoretical physics to biological problems or to physical and mathematical problems relevant to biology.

What institution do you wish to attend? Univ. of Chicago

Have you been admitted? Yes For what degree will you work? None - I have the Ph.D

Under whose supervision? Prof. N. Rashevsky Department of Mathematical Biophysics

Dates of period for which grant is desired June 1 to Sept. 1, 1941

What is your estimate of the total duration of the proposed project? Will continue for years. See statement.

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

Personal History

Place of birth..... *Pocahontas, Virginia*..... Date of birth... *August 14, 1914*
 Single, married, widowed, divorced..... *Married*.....
 Name and address of wife or husband..... *Carolynne G. Branson, same address*.....
 Occupation and salary of wife or husband..... *Housewife*.....
 Number and ages of children..... *one daughter, age 7 months*.....
 Dependents... *Family*..... To what extent?..... *\$15 each month* Relationship *Mother & Father*.....
 Have you any constitutional disorder or physical disability?..... *None*.....

(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 four 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>1934 - 1936</i>	<i>B. S. June, 1936</i>
University	<i>Univ. of Pittsburg</i>	<i>1937 - 1938</i>	
Professional or technical	<i>Univ. of Cincinnati Assistant to Dr. F.F. Heppel Basic Science Research, Univ. of Cincinnati</i>	<i>1936 - 1939 1937 - Summer</i>	<i>Ph. D. June, 1939</i>
Special study	<i>Assistant to Dr. D.A. Wells, Univ. of Cincinnati</i>	<i>1938 - Summer</i>	
	<i>Quantum mechanics and difference equations, U. of Cincinnati</i>	<i>1940 - Summer</i>	

Significant extra-curricular activities..... *Newspaper, photography, Student
Council, V.M.C.A. & Science Clubs*.....



Experience

Give record chronologically.

Institution or Organization	Address	Position	Inclusive Dates	Annual Salary
Dillard University	New Orleans, La.	Instructor	Sept. 1939 - Present.	\$1000. \$2000.

Accomplishments

1. Of what learned, scientific, or artistic societies are you a member?

1. Member American Physical Society. 2. Full member of Sigma Xi.
3. Fellow of the American Association for the Advancement of Science.

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

Research in biophysics, theoretical physics and
experimental physics. Abstractor in division of biophysics
for "Biological Abstracts" since 1937.

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

See attached list of papers
and dates with "Statement of project"

4. List of scholarships and fellowships

- Scholarship University of Pittsburgh, 1933-1934, \$150.
- Tuition scholarship Virginia State College, 1935-1936.
- Special Fellow in Physics, University of Cincinnati, 1936-1937, exemption from tuition and fees and \$250. in cash.
- Laws Fellow in Physics, University of Cincinnati, 1937-1938, exemptions as in 3 and \$400 in cash.
- Laws Fellow in Physics, University of Cincinnati, 1938-1939, exemptions as in 3 and \$450. in cash.
- Alpha Phi Alpha Fraternity's Research Fellowship, 1938-1939, \$250.

Laws
cash.

Budget Estimate

Room and board... *12 weeks* \$ *375.00*
 Clothing *50.00*
 Insurance *20.00*
 Tuition *(including wife's)* *150.00*
 Transportation *60.00*
 Miscellaneous *(books, care of baby, vacations)* *150.00*
 Rent of home in N.O. \$ *60.00*
 Total amount needed \$ *855.00*
 Amount applicant can provide \$ *455.00*
 Amount requested from Fund \$ *400.00*

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If you have applied or expect to apply elsewhere for any fellowship for the same period (which is permissible) state the facts regarding such application.

NONE

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. N. Rashevsky	Prof. of Mathematical Biophysics	Univ. of Chicago, Chicago, Illinois
Prof. H. Kersten	Prof. of Biophysics	Univ. of Cincinnati, Cincinnati, Ohio
Prof. D. A. Wells	Prof. of Theoretical Physics	Univ. of Cincinnati, Cincinnati, Ohio
Dr. J. Max Bond	Former Dean of Dillard Univ.	Tuskegee Institute, Tuskegee, Alabama
Mr. Wm Stuart Nelson	Former President of Dillard Univ.	School of Religion, Howard University, Washington, D.C.

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 complete and carefully prepared. Submit *six copies* typed on 8½" x 11" paper. Your name should be on each sheet.

SIGNATURE

Herman Branson

