

BRANSON, HERMAN

PUBLICATIONS

"Microfilm in the Negro College", Journal of Negro Education, January, 1942.

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Name Herman Russell Branson REAPPOINTMENT Field: Biology

Assistant Professor of Physics and Chemistry
Howard University
Washington, D. C.

Plan of Work

Research on mathematical physical problems arising in diffusion, thermodynamics, sensory perception, etc., with the University of Chicago group of mathematical biophysicists.

Wishes to work at University of Chicago under Dr. N. Rashevsky in the Department of Mathematical Biophysics. Desires grant for summer quarter of 1942. Has been admitted. Will return to present position.

Granted 1941 for summer work at University of Chicago.

Personal Data Born Pocahontas, Virginia, August 1914. Married, **Age: 27**
one child. Three partial dependents.

Undergraduate Work University of Pittsburgh, 1932-34.
Virginia State College, B. S., 1936.

Graduate Work University of Cincinnati, Ph. D., 1939; summer 1940.
University of Chicago, summer 1941.

Experience Instructor, Dillard University, 1939-41, \$1800-\$2000; assistant professor, Howard University, 1941 -, \$2300.

Accomplishments

Sigma Xi.

About ten articles in various scientific publications.

Fellowships: Various small fellowships.
Rosenwald fellowship, summer 1941, \$400.

McK - anyone who can even talk with Rashevsky is beyond me. He should have a fellowship but I urge that it be for more than a summer quarter.

References

N. Rashevsky, University of Chicago.
D. A. Wells, University of Cincinnati.
H. Kersten, University of Cincinnati.
J. Max Bond, Tuskegee Institute.
Charles H. Thompson, Howard University.

Budget Summary

Total Amount Needed	\$1,020.
From Applicant	420.
From Fund	\$ 600.

AMOUNT GRANTED

Sent to Committee

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Name **Herman Russell Branson** Field: **Physics**

Professor of Physics, Howard University
1415 Girard Street, N. E., Washington 17, D. C.

Plan of Work To make a study of intermolecular forces and energy relations with especial reference to large molecules of biological interest.

Requests grant for one year beginning September 15, 1948.

Grant in 1941; applied in 1942.

Personal Data Born Pocahontas, Virginia, August 1914 Age: 33
Married, one dependent

Undergraduate Work Virginia State College, B.S., 1936

Graduate Work University of Cincinnati, Ph.D., 1939

Special Study University of Cincinnati, 1940
University of Chicago, 1941

Experience Instructor,illard University, 1939-41, \$2000; assistant professor, Howard University, 1941-44, \$2300, associate professor, 1944-45, \$3000, professor, 1945-, \$6600.

Scholarships 1936-37, Special Fellow in Physics, Univ. of Cincinnati, \$250;
1937-39, Lowry Fellow in Physics, Univ. of Cincinnati, \$450;
1941, Rosenwald Fellow, Univ. of Chicago, \$400.

Accomplishments See attached sheet

Publications "The Effect of Vitamins on Phosphorus Metabolism in the Chick Embryo. I. Vitamin D and the Utilization of Inorganic Phosphorus." (in press), Science, 1947; "The Use of Isotopes to Determine the Rate of Biochemical Reaction", Science, 106, Oct. 1947; "Many Abstracts in Biophysics" for Biological Abstracts since 1938; "A Mathematical Description of Metabolizing Systems II", Bulletin of Mathematical Biophysics, 1943; "A Mathematical Description of Metabolizing Systems I", Bulletin of Mathematical Biophysics, Dec. 1946; "Science and Legislation and the Negro College," a series of 3 newspaper articles distributed by Associated Negro Press, Nov. 1945; "Science and Opportunity," The Negro People; "An Integral Equation of a General Metabolizing System," The American Mathematical Monthly, Feb. 1947, etc. etc.

References
N. Rashevsky, University of Chicago
D. A. Wells, University of Cincinnati
H. J. Kersten, " " "
David Rittenberg, Columbia University

Budget Summary

Total Amount Needed	\$6000
From Applicant	2500
From Fund	\$3500

AMOUNT GRANTED

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1941

Name Branson, Herman Russell (1914) Negro White Southerner

Position Instructor in Physics and Mathematics, Dillard University, New Orleans

College Virginia State College, B. S., 1936

University University of Pittsburgh, 1932-34; University of Cincinnati, Ph. D., 1939

Plan of Work:

Special Field *Physics* Biology
Group Mathematical biophysics

For research at the University of Chicago dealing with the application of the methods of theoretical physics to biological problems or to physical and mathematical problems relevant to biology. Summer of 1941, under Professor N. Rashevsky.

Action of Fellowship Committee:

Granted \$400



Dillard University, instructor in physics and mathematics, 1939-time of grant.

Howard University
Washington 1, D.C.

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Branson, Herman

Professional Career

In September of 1941 Mr. Branson went to Howard University as assistant professor in physics and chemistry.

1944. Same as above.

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HERMAN RUSSELL BRANSON

Professor of Physics
Howard University, Washington, D.C.

Physics

Clearly a top man

* - Did he get Nat Research grant?

He can't see him as much
as \$3,500 in fairness to
other fellows

HERMAN RUSSELL BRANSON

(27)

Assistant Professor of Physics and Chemistry
Howard University
Washington, D. C. JRF Fellow, summer of 1941

Biology

A top man - beyond question
Top references (including Raskovsky with
whom he is to work)

Only* question is about these short
summer grants. We made an
exception ^{in this case last year} to our general rule against
such grants. I think it is a mistake
Recommend we withhold further
award until he is ready to
take up serious study for a substantial
period

A+ in general
Quality
but
O
because of
short term
prospects

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Name Herman Russell Branson Field: Physics

~~Instructor in Physics and Mathematics
Dillard University, New Orleans~~

Asst. Prof. Chemistry & Physics, Howard University, Washington

Plan of Work

Research work with the University of Chicago group of mathematical biophysicists in the application of the methods of theoretical physics to sociological problems or to physical and mathematical problems relevant to biology.

1941. Seeks no degree. Asks grant for three months - June to September, -

Will return to present position.

*Arr. June 7 to begin
U of C*

Personal Data

Born Pocahontas, Virginia, August, 1914.

Married, one child. Parents partially dependent.

Age: 26

Undergraduate Work

Virginia State College, B. S., 1936.

Graduate Work

University of Cincinnati, Ph.D., 1939.

Experience

Instructor, Dillard University, 1939 - , \$1800 - \$2000.

Accomplishments

Member of Sigma Xi.

Has had articles in Nature, Radiology, The Physical Review, School, Science and Mathematics, Science; between 20 and 30 abstracts have appeared in Biological Abstracts since 1937.

Fellowships:

University of Cincinnati, 1936-37, tuition, fees, \$250;
1937-38, tuition, fees, \$400; 1938-39, tuition, fees,
\$450.

References

N. Rashevsky, University of Chicago
H. Kersten, University of Cincinnati
D. A. Wells, University of Cincinnati
J. Max Bond, Tuskegee Institute
William Stuart Nelson, Howard University

Budget Summary

Total Amount Needed	\$ 855
From Applicant	455
From Fund	\$ 400

AMOUNT GRANTED

Sent to Committee

512 8/19

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for expenses

400