

1947

Name: CLYDE RUFFIN DILLARD

Negro

Position: research assistant in Chemistry,
University of Chicago

Chemistry

College: Virginia Union University, B.S., 1940
University of Chicago, 1940-

Plan of Work:

to do research on boron hydrides, which will include (1) studies of the thermal reactions of the borons and mixtures of the boranes; (2) development of new methods of preparing boron hydrides; (3) application of quantum mechanical methods to reaction rate studies of the boron hydrides to obtain information about the structure of these compounds.

Action of the Fellowship Committee: \$1500

1947 SO

Letter 5/6/47
11 E. 56th St Chicago 37, Ill.

Name

Clyde Ruffin Dillard
Research Assistant in Chemistry
University of Chicago, Chicago, Illinois

Field: Chemistry

Plan of Work

To do research on boron hydrides which will include; (1) studies of the thermal reactions of the boranes and of mixtures of the boranes; (2) development of new methods of preparing boron hydrides; (3) application of quantum mechanical methods to reaction rate studies of the boron hydrides to obtain information about the structure of these compounds.

Requests grant to begin September 1947 to September 1948

Wishes to work for Doctor of Philosophy degree in chemistry under Professor H. I. Schlesinger at the University of Chicago

Personal Data

Born Norfolk, Virginia, April 1920
Single, one dependent

Age: 27
Draft Status: 2-A

Undergraduate Work

Virginia Union University, B.S. 1940

Graduate Work

University of Chicago, 1940-

Experience

Research chemist, University of Chicago, 1942-43, \$2100; Chemist Metallurgical Laboratory (Manhattan Project), 1943-45, \$3,000; Chemist, University of Chicago, 1945- , \$3200.

Accomplishments

American Association for the Advancement of Science, American Chemical Society, Sigma Xi Research Society
Graduate research in inorganic chemistry. Confidential research on chemical warfare agents - N.D.R.C. Project and research in radio-chemistry on Manhattan Project; research on fuels and propellants for Naval Research Laboratory.

Publications:

(See attached sheet)

References

H. I. Schlesinger, University of Chicago
Anthony Turkevich, University of Chicago
C. D. Coryell, Massachusetts Institute of Technology, Boston
Robert Livingston, University of Minnesota, Minneapolis
Anton B. Burg, University of Southern California, Los Angeles

Budget Summary

Total Amount Needed \$3150
From Applicant 1650
From Fund \$1500

AMOUNT GRANTED

\$1500

Sent to Committee

