

Name Oscar W. Holmes, Jr. Field: Chemistry

Instructor in Chemistry
Claflin College, Orangeburg, South Carolina

Plan of Work

To attend Ohio State University for advanced chemistry courses and for research under the advisorship of Dr. Alfred B. Garrett. The nature of my research will be an investigation of the ion species formed and their free energies of formation when the oxide or hydroxide of iron, nickel, and cobalt are each dissolved in various concentrations of acid and of alkali. The proposed project will add to the extant solubility data and in addition will provide information on several individual equilibria.

Probable duration of study two years, beginning fall, 1940. Has been admitted. Will return to present position.

Personal Data Born Charleston, West Virginia, January, 1916. Married. Age: 24

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

Graduate Work Ohio State University, M. S., 1939.

Experience Instructor, Claflin College, 1937 - , \$855.

Accomplishments Master's thesis: The Amphoteric Character of Arsenious Oxide.

References

J. B. Randolph, President, Claflin College, Orangeburg, S. C.
Alfred B. Garrett, Ohio State University
P. M. Harris, Ohio State University

Budget Summary

Total Amount Needed	\$1626.00
From Applicant	150.00
From Fund	<u>\$1476.00</u>

Plan of Work x Photograph x
Transcripts x Exhibit Material
West Virginia State College
Ohio State University

Sent to Committee

AMOUNT GRANTED