

LLOYD GEORGE CARR

Graduate student, Pennsylvania  
Philadelphia, Pa.

Anthropology

Born Ithaca, N.Y. White &  
Southern parents, not quite Southern  
He's a botanist; not anthropologist.  
Quite brilliant (and maybe a  
long shot bet) he is an  
amateur in his present project  
So evidence that he will have  
to present - sudden - interest  
or make a career in the South

*out*

**Name** Lloyd George Carr  
College Hall, University of Pennsylvania  
Philadelphia, Pennsylvania

**Field:** Anthropology

**Plan of Work** To investigate the historical and sociological background of the so-called "Issue Group" of Indian-whites on the east side of the Blue Ridge in Amherst County, Virginia, paying particular attention to their folklore-tales, songs, riddles and plant medicines. Effort will be made to interpret phases of their culture in the light of a mountain's environmental focus.

Requests grant for one year beginning June 1946. Plans to make his career at the University of Virginia a teaching and research capacity after completion of requirements for Ph.D. at the University of Pennsylvania. Practically all work is completed for the Ph.D. so does not plan further graduate study at the present. The ethnological phases of the study to be carried out under the direction of Dr. Frank G. Speck.

**Personal Data** Born, Ithaca, New York (of Virginia parentage  
Single

**Age:** 28**Draft Status:**

Ensign USNR

(Inactive)

**Undergraduate Work** University of Virginia, 1940, B.A.

*interesting - abt - no previous authors or sec. ing.*

**Graduate Work** Harvard University, 1940-41 (Thayer Scholar)

University of Pennsylvania, 1941-44 (completing Ph.D.)

**Special Study:** Mountain Lake Biological Station, Summers, 1937-41  
Harvard Medical School, Summer, 1941

**Experience** With the exception of about two years' period in the U.S. Navy has been a student

**Scholarships:** Thayer Scholar, Harvard, 1940-41, special research in Taxonomy, phyto-geography and isolation of antibiotics for the tubercle bacillus. \$600. stipend. Harrison Fellow, University of Pennsylvania, 1941-42 and 1942-43 carrying out study and research in botany and anthropology with special emphasis on field work among the south-eastern Indians with Dr. Frank G. Speck. Stipend of \$600. each year. Valentine Fellowship **Accomplishments** from Valentine Meat Juice Co., Richmond, 1944 approximately \$500.

Virginia Academy of Science (former member)

Mycological Society of America (presented paper at annual meeting, 1937)

American Society of Plant Taxonomist

Philadelphia Botanical Club

Rappahannock Indian Association

Sigma Xi

**Publications: and  
Research:**

(SEE ATTACHED LIST)

**References**

Dr. Frank G. Speck, University of Pennsylvania

John M. Fogg, Jr. University of Pennsylvania

Justus H. Cline, Stuarts Draft, Virginia

Austin H. Clark, Smithsonian Institution, Wash. D.C.

**Budget Summary**

Total Amount Needed	\$1334.
From Applicant	---
From Fund	\$1334.

**Plan of Work  
Transcripts**

**Photograph  
Exhibit Material**

**Sent to Committee****AMOUNT GRANTED**

PUBLICATIONS

Lloyd George Carr

Notes on interesting plants of Augusta County  
Claytonia, Vol. 2, Nos. 4 and 5 - 1935

Notes on the orchids of Augusta County  
Claytonia, Vol. 2, No. 3 - 1935

Orchids of Augusta and Adjoining Counties  
Claytonia, Vol. 2, No. 10 - 1936

Utriculariaceae of Augusta County  
Claytonia, Vol. 4, No. 2 - 1937

Plants of Spring Pond, Augusta County  
Claytonia, Vol. 3, No. 3 - 1937

Coastal Plain Plants in Southeastern Augusta County, Virginia in the  
Valley and Blue Ridge Provinces

In the Proceedings of the Virginia Academy of Science - 1938  
Reprinted in Bartonia, 1940  
Reprinted in Biological Abstract, 1941

Further Notes on Coastal Floral Elements in Augusta County Bogs, Virginia

Proceedings of the American Association for the Advancement of Science  
Abstracted for the American Journal of Botany  
Presented paper before the American Association for the Advancement  
of Science and the Botanical Society of America at Richmond, 1938  
Reprinted in Rhodora, 1940  
Abstracted in Biological Abstract, Vol. 14, 1940

Some Notes on the Ecology of Plants of Magnolia Swamp, Augusta County, Virginia

Claytonia, Vol. 5, No. 4, 1939  
Abstracted in Biological Abstract, Vol. 13, 1939  
Presented to Virginia Academy of Science, 1937  
Abstracted in the Proceedings of the above academy

A Comparison of Mycetozoa Fauna in Sandstone and Limestone Regions of  
Augusta County, Virginia

Mycologia, 1939  
Abstracted in Biological Abstract, Vol. 14, 1940  
Cited in The Mycomycetes by G. W. Martin, Botanical Review, Vol. 6, 1940

The Reaction of Mycetozoan Plasmodium to Colchicine

Presented, American Association for the Advancement of Science, 1939 to the Mycological Society of America, Columbus meeting.

Additional note re above:

Work on the effect of vitamins on Mycetozoan organisms was pursued at the Mountain Lake Biological Station, summer 1940, and a paper on the reaction of Mycetozoan plasmodia to colchicine was presented at the meeting listed above.

Considerable attention has been accorded to the economic aspects of botany with special interest and emphasis attached to the possible utilization of native plants in this emergency and post-war economy as sources of food and medicine.

In consideration of any plant known data as to its food and medicinal constituents are presented. In this connection, field work has been carried on among the southeastern Indians including Rappahannock, Nanticoke, Pamunkey, Chichahominy, Cherokee and Catawba Tribes, under the supervision of Dr. Frank G. Speck with the primary intent of exploring native plants utilized by these groups from their natural surroundings, effort being made to evaluate their efficacy as food and medicinal sources in this emergency and post-war economy.

On the "Residual" Interpretation of costal floras in the Appalachian Uplands of Eastern United States

New Phytologist (English publication) Vol. 39, 1940  
Abstracted in Biological Abstract, Vol. 15, 1941

Parallelism in the Upland and Costal Floras of Eastern United States and the Theory of Floral Radiation

Presented before the American Association for the Advancement of Science, Botanical Society of America at the Philadelphia meeting, 1940  
Abstracted in American Journal of Botany, 1940

The Plasmodium of Hemitrichia Vesparium (Batsch.) Macbr.

Published in Science, 1940

(Pictured at work in the field while at the Mountain Lake Biological Station of the University of Virginia.)

Life Magazine, August 5, 1940

Mycetozoa, Animal-plant Organisms

Published in The Scientific Monthly, August, 1941

On the Pollination of Five North American Orchids

American Orchid Society Bulletin, Vol. II, No. 6, 1942

Survival Foods of the American Aborigine.

Journal of the American Dietetic Association, Vol. 19, No. 12, Dec. 1943

A New Species of Houstonia from the Cedar Barrens of Lee County, Virginia

Rhodora, Vol. 46, August 1944 (approved by Professor M. L. Fernald of Harvard)

Surviving Folktales and Shinnecock Medical Practices with Respect to Plants

The Journal of American Folk Lore, Vol. 58, No. 228, April-June 1945

Native Drinks Among the Indians of the Southeastern Area, with Special Emphasis on Persimmon Beer

The Delaware County Institute of Science

Mold Antagonism for the T.B. Germ (tubercle bacillus) -- work related to penicillin research -- for which encouraging results have been obtained.

(Results to appear in the U. S. Naval Medical Bulletin February, 1946)

IN PROCESS

The Acorn as Emergency Nutrition in the Past, Present, and future; the qualification for its Establishment as a Stable Crop.

Interesting animal foods, medicines of the Eastern Indians.

Medicinal Cure Among Certain Tribes of the Southeast and Their Efficacy in Medical Practice (and further notes on survival foods of native groups)

Also growing out of this work is a pharmaceutical preparation that has been demonstrated to be of value in the treatment of acne, yaws, scabies, athlete's foot and other dermatophytes. It is especially rapid in bringing to a termination stubborn acne conditions, for which it is being tested by medical doctors. Their reports have been encouraging. A patent is pending for this preparation.