

Name Townes, Charles Henry (1915)

Negro
White Southerner

Position Instructor in physics and chemistry,
Virginia State College

Special Field ~~Chemistry~~ ^{Physics &}
Group

College Virginia State College, B. S., 1935

University Pennsylvania State College, M. S., 1938

Plan of Work:

A study of age-hardening of certain alloys with the growth of crystals of a new phase, at Pennsylvania State College, toward Ph. D. degree.

Action of Fellowship Committee:

Granted \$1,500



Principal of Lightfoot Training School, Orange, Virginia, 1935-36;
Virginia State College, 1936-37, 1938-40.

Mr. Townes completed his work at Pennsylvania State College in five months, and received his Ph. D. degree. In September of 1942 he returned to his post at Virginia State College.

Read paper on his thesis before the American Physical Society in New York in January, 1943.

1944: On leave from Associate Professor of Physics of Chemistry at Virginia State College; studying medicine at Howard University, Washington, D. C.

*Box 477
Virginia State College
Lynchburg, Va.*

FISK

UNIVERSITY

Instructor in Physics and Chemistry
Virginia State College
Ettrick

Physics

This man for above has
candidates & previous years
He has now actually justified
for Ph D and Penn State
professors are all out for
him. It's true they are chiefly
astounded that "any" degree
is this good. But their
appraisal is so uniformly
high that he roles a part.

Example of a candidate
that has steadily progressed
from poor to good to excellent

Name Charles Henry Townes Field: Physics

Instructor in Physics and Chemistry
Virginia State College, Ettrick, Virginia

Plan of Work

A study of age-hardening of certain alloys with the growth of crystals of a new phase.

Wishes to work for Ph. D. at Pennsylvania State College under Dr. Wheeler P. Davey. Has been admitted. Would require one year, beginning September 1942. Would return to present position.

Applied 1940, 1941.

4 months

Personal Data Born Petersburg, Virginia, May 1915.
Married.

Age: 27

d
3

Undergraduate Work Virginia State College, B. S. 1935.

Graduate Work Pennsylvania State College, M. S. 1938; 1940-41.

Experience Principal, Lightfoot Training School, Orange, Virginia, 1935-36, \$480; substitute, Virginia State College, 1936-37, \$1,000, instructor, 1938- , \$1,407.

Accomplishments Master's Thesis: "Low Density Beams"

Confidential research for the Navy on metals.

General Education Board Fellowship, 1940-41, \$140 per month.

McL B +

References

Dr. Wheeler P. Davey, Pennsylvania State College
Dr. John M. Gandy, Virginia State College
Dr. W. R. Ham, Pennsylvania State College
Dr. F. R. Smith, Pennsylvania State College
Dr. D. C. Duncan, Pennsylvania State College

Budget Summary

Total Amount Needed	\$1,465
From Applicant	<u> </u>
From Fund	<u>\$1,465</u>

AMOUNT GRANTED

\$1,500

Sent to Committee

Gr 50 3/11

FISIK
UNIVERSITY
\$1,500