

**Name** Charles Henry Townes **Field:** Physics

Instructor in Physics and Chemistry (on leave)  
Virginia State College, Ettrick  
111 South Allen Street, Apt. 3, State College, Pennsylvania

**Plan of Work**

An effort to correlate the age-hardening of certain alloys (typified by Al-Zn alloys) with the growth of crystals of a new phase.

Wishes to secure Ph.D. from Pennsylvania State College. Probable duration of work one year, beginning September, 1941. Will return to present position.

Applied in 1940.

**Personal Data** Born Petersburg, Virginia, May, 1915. Married. **Age:** 26

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

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

**Experience** Principal, Lightfoot Training School, Orange, Virginia, 1935-36, \$480; instructor, Virginia State College, 1936 - , \$1000 - \$1407.50.

**Accomplishments** Master's thesis: Low Density Beams.  
General Education Board Fellowship, 1940-41, \$140 per month and tuition.

*Probably able to secure*

**References**

Wheeler P. Davey, Pennsylvania State College  
J. M. Gandy, Virginia State College  
W. R. Ham, Pennsylvania State College  
John M. Hunter, Virginia State College  
F. Raymond Smith, Pennsylvania State College

**Budget Summary**

Total Amount Needed	\$ 1,360
From Applicant	
From Fund	\$ 1,360

**AMOUNT GRANTED**

**Sent to Committee**

**F S K**  
UNIVERSITY