

Name Emerald Allan Smith **Field:** Physics
 Laboratory Assistant, General Electric Company
 1 River Road, Lynn, Massachusetts

Plan of Work

One academic year will be spent in studying the fundamentals of theoretical physics, electronics, and the laboratory technique in high frequency experimentation. A summer term will be used to complete a thesis begun the second semester of the aforesaid academic year.

Wishes to attend the Massachusetts Institute of Technology, working for M. S. under Dr. Philip M. Morse, beginning September 1940. Will probably not return to present position.

Personal Data Born Cleveland, Ohio, January, 1913. Single. **Age:** 27

Undergraduate Work Purdue University, B. S., 1939.

Graduate Work

Experience Laboratory assistant, General Electric Company, November, 1939 -, \$1400.

Accomplishments Two undergraduate scholarships at Purdue.

References

Carl Roys, Professor of Electrical Engineering, Purdue University
 Doctor Rowell, Electrical Engineering Dept., Purdue University
 I. Walerstein, Professor of Physics, Purdue University
 Cornelius Lanczos, Prof. of Mathematical Physics, Purdue
 William Marshall, Head, Mathematics Dept., Purdue University

Budget Summary

Total Amount Needed	\$1475.00
From Applicant	75.00
From Fund	\$1400.00

Plan of Work x Photograph x Sent to Committee
 Transcripts x Exhibit Material
 Purdue University

AMOUNT GRANTED

F A S K
 UNIVERSITY