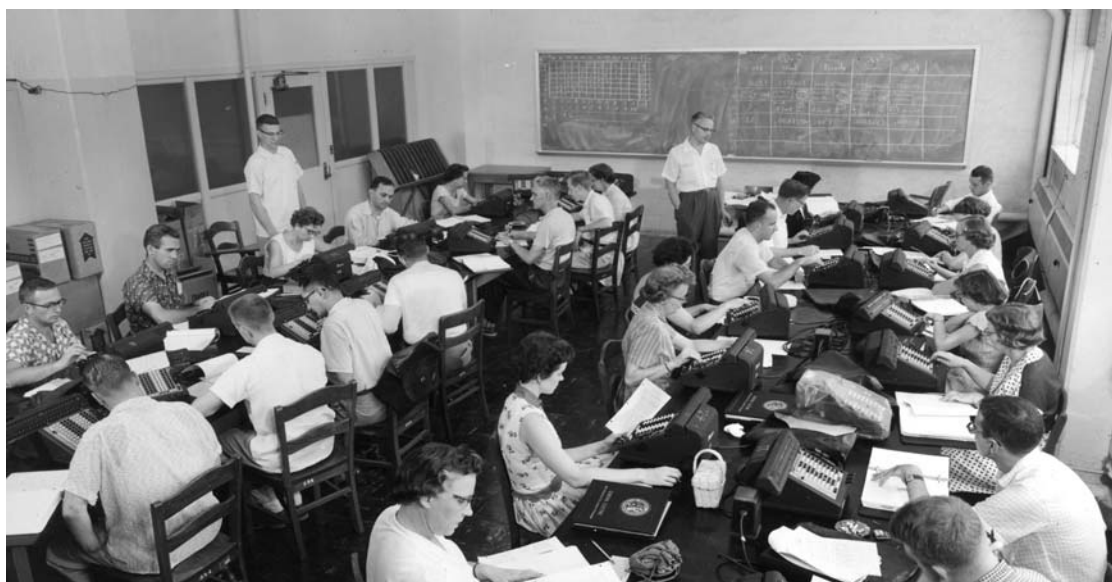


PURDUE

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INVENTORY TO THE WILLIAM J. CABLE PAPERS 1954-1958

**Purdue University Libraries
Virginia Kelly Karnes Archives and Special Collections
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Compiled By: Mary A. Segó

Descriptive Summary

Creator Information	Cable, William J.
Title	William J. Cable papers
Collection Identifier	MSP 36
Date Span	1954-1958, predominant 1955
Abstract	The collection consists of materials William J. Cable collected while taking part in the <i>General Electric Mathematics Fellowship for Secondary School Teachers</i> , June 20 through July 30, 1955 at Purdue University. The papers also contain photographs Cable took of the Purdue campus and the participants of the Fellowship, along with postcards of the Purdue campus.
Extent	0.2 cubic feet (1 mss box)
Finding Aid Author	Mary A. Seago
Languages	English
Repository	Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries

Administrative Information

Location Information:	ASC
Access Restrictions:	Collection is open for research.
Acquisition Information:	William J. Cable, Donation March 22, 2007
Accession Number:	20070322
Preferred Citation:	MSP 36, William J. Cable papers, Archives and Special Collections, Purdue University Libraries

Subjects and Genres

Persons

Cable, William J.

Organizations

Purdue University

General Electric

Topics

General Electric Mathematics Fellowships

Form and Genre Types

Papers

Photographs

Postcards

Occupations

Secondary School Teachers

Mathematicians

Biography of William J. Cable

William J. Cable took part in the G. E. Fellowship in Mathematics for Secondary Teachers in 1955 at Purdue University. The objective of the program was to increase the Fellow's knowledge and understanding of mathematics and its application; to stimulate the Fellow's enthusiasm for the teaching of high school mathematics; to encourage and help the Fellows in counseling high school students to take mathematics courses; to provide the Fellows with specific mathematical ideas and materials for use inside and outside the classroom; to interest the Fellows in continuing to grow in their understanding and appreciation of mathematics and to increase their effectiveness as teachers and counselors. The six-week session was devoted to three courses (Mathematics 526 – Applied Mathematical Analysis, Mathematics 550 – Elements of Mathematical and Applied Statistics, Mathematics 585 – Algebra and Geometry as Mathematical Systems), a seminar (on teaching and counseling), together with inspection trips to the General Electric Plant in Fort Wayne, Indiana and to various laboratories of Purdue University. Some special lectures were also arranged. The program was under the direction of Professor H. F. S. Jonah, and a teaching staff of members of the Purdue Department of Mathematics and the Statistical Laboratory. Graduate credit was given for each of the courses.

William J Cable taught at the University of Wisconsin-Steven Point from 1962-1992.

Source(s):

Program from the 1955 Fellowship and retrieved December 8, 2009 from <http://www.uwsp.edu/news/uwspcatalog/emeritus.htm>

Collection Description

Scope

The William J. Cable papers (1954-1958; 0.2 cubic feet) document Cable's involvement in the 1955 General Electric Mathematics Fellowships for Secondary School Teachers which took place June 20 through July 30, 1955 at Purdue University. It also contains later issues of *G.E.M.F. News*, a roster of participants from 1953-1958, and pamphlets, brochures and booklets from engineering and mathematics departments of several universities. The collection also consists of photographs William Cable took of the Purdue campus in 1955, while participating in the G.E. Mathematics Fellowship, and there are photographs of the participants, along with postcards of the Purdue campus. There are no names or explanations noted on the photographs. The first folder is arranged chronologically and by item type and in the second folder the photographs are arranged by size.

Descriptive Rules

Describing Archives: A Content Standard

Processing Information

All materials have been housed in archival polyester sleeves, acid-free folders, and acid-free boxes.

DETAILED DESCRIPTION OF THE COLLECTION

1 Box Contents

Folder.

1. Material from General Electric Mathematics Fellowships for Secondary School Teachers and Miscellaneous Items, 1954-1958
 - Brochure announcing/describing the Fifty Fellowships in Mathematics for Secondary School Teachers and a Special Program for the Fellows, June 20 through July 30, 1955, at Purdue University, Lafayette campus
 - Itinerary, field trip – General Electric, Fort Wayne Laboratory, July 6, 1955
 - X-Press*, vol. 1, no. 1, July, 1955
 - Welcome to Purdue [map]
 - Men’s Residence “X” [general room and board information for G.E. Summer Fellowship]
 - G.E.M.F. News*, vol. 2, no. 1, June, 1955
 - G.E.M.F. News*, vol. 3, no. 1, June, 1956
 - G.E.M.F. News*, vol. 3, no. 2, December, 1956
 - G.E.M.F. News*, vol. 4, no. 1, June, 1957
 - G.E.M.F. News*, vol. 4, no. 2, December, 1957
 - G.E.M.F. News*, vol. 5, no. 1, May, 1958
 - G.E.M.F. News*, vol. 5, no. 2, November, 1958
 - General Electric Mathematics Fellows at Purdue University, 1953-1958 [list of participants]
 - Purdue University, School of Science, Education and Humanities – July, 1954 [brochure]
 - Mathematics for Technical and Vocational Schools*, by Samuel Slade, B.S., C.E., and Louis Margolis, A.B., C.E., fourth edition, 1955 [advertisement for book]
 - Why Study Math? Public Relations, General Electric Company, 1 River Road, Schenectady 5, New York [brochure, no date]

Your Mathematics Notebook, vol. 4, no. 1 [a Scott, Foresman Service Bulletin, no date]

What's Engineering? What's an Engineer? Stevens Institute of Technology, Hoboken, New Jersey [booklet]

The Challenge of Engineering's Second 100 Years, by C. L. McCuen, General Manager, General Motors Research Laboratories Division, General Motors, Detroit, Michigan. [booklet, no date]

You and Your Students, The Massachusetts Institute of Technology, prepared by a Faculty Committee under the chairmanship of Professor Robley D. Evans, 1954. [booklet]

The Mathematics Student Journal, vol. 1, no. 4, December, 1954, National Council of Teachers of Mathematics, with the cooperation of the Mathematical Association of America

O.U. Mathematics Letter, vol. IV, no. 3, February, 1955, sponsored by the University of Oklahoma Chapter of Pi Mu Epsilon. [newsletter]

2. Photographs of the Purdue campus and participants in the G. E. Fellowships in Mathematics for Secondary School Teachers, 1955

Thirty 5 x 3 ½ photographs of the Purdue campus and the participants of the G.E. Mathematics Fellowship

[includes shots of Hovde Hall, Residence Hall "X", the Recitation Building, smokestack, ENAD, Elliott Hall of Music, Memorial Union, outside shots of campus, Cary Quad, the Lambert Fieldhouse, University Hall, a building being built and photographs of participants of the G.E. Mathematics Fellowship]

Six 5 ½ x 3 ½ postcards

[aerial shots of campus and Ross Ade Stadium, resident hall "X", outside shot of the Elliott Hall of Music, two outdoor shots of the Memorial Union]

Four 5 ½ x 3 ½ photographs of the participants of the G.E. Mathematics Fellowship

[no names noted on photographs]

Two 9 ½ x 7 photographs

[participants of the G. E. Mathematics Fellowship and an inside shot of the Elliott Hall of Music]