



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the Paul Armer Collection

NMAH.AC.0323

Don Darroch

1989

Archives Center, National Museum of American History

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Paul Armer Collection
Date:	1949-1970
Identifier:	NMAH.AC.0323
Creator:	Armer, Paul, 1924- (computer technician) SHARE (Association)
Source:	National Museum of American History (U.S.). Division of Computers, Information and Society
Extent:	5 Cubic feet (15 document boxes)
Language:	English .
Summary:	The collection documents computing organizations in which Paul Armer was active.

Administrative Information

Acquisition Information

Collection donated by Paul Armer, 1989.

Provenance

Collection transferred from the Division of Computers, Information and Society (now Division of Medicine and Science) to the Archives Center, February 6, 1989.

Processing Information

Collection processed by Don Darroch, 1989.

Preferred Citation

Paul Armer Collection, Archives Center, National Museum of American History.

Restrictions

Collection is open for research.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Biographical / Historical

Paul Armer, an employee of the Rand Corporation, was a pioneer in computer development on the West Coast in the 1950s and 1960s. He was an officer of the Los Angeles chapter of the Association for

Computing Machinery (ACM) in the 1950s and served on its National Council in 1958-1960 and 1964-1968. He participated in the ACM National Lectureship Series in 1966-67. He also represented the ACM on the National Joint Computer Committee, (NJCC) in 1958-61 and was vice chair of NJCC during 1959-1960. Armer was president of the American Federation of Information Processing Societies (AFIPS) in 1968-1969.

Scope and Contents

The collection represents files of the organizations noted above in which Armer was active. It includes minutes of meetings, correspondence (of Armer and others) and memoranda relating to the organizations and their committees. Published papers and rough drafts of articles on a wide range of subjects related to computer uses and applications are also included. Reports and summaries of meetings and symposia cover a variety of issues relating to computers and information processing. All of the material is carefully grouped in folders labeled by subject and in chronological order. Additional material relating to Paul Armer's career is contained in oral histories in NMAH Archives Center Collections.

Arrangement

The Collection is divided into four series.

Series 1: Association for Computing Machinery (ACM)

Series 2: National Joint Computer Committee (NJCC)

Series 3: SHARE

Series 4: American Federation of Information Processing Societies (AFIPS)

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Computers
- Human information processing
- Information processing, human

Types of Materials:

- Correspondence -- 1930-1950
- Memorandums
- Minutes

Names:

- National Museum of American History (U.S.). Division of Computers, Information and Society
- Rand Corporation

Container Listing

Series 1: Association for Computing Machinery (ACM)

Scope and Contents: This series documents activities of the Association for Computing Machinery (ACM) during the 1950s (Los Angeles chapter, especially) and 1960s (National Council). It includes a file providing a survey of the National Joint Computer Committee (NJCC) between 1957 and 1962. Paul Armer, was an officer of the Los Angeles Chapter of the ACM in the 1950s and served on the National Council of the ACM for the periods 1958-1960 and 1964-1968. He was a lecturer for the ACM National Lectureship Series in 1966-67. Armer was ACM representative to the National Joint Computer Committee from 1958 to 1961 and Vice Chairman of the NJCC during 1959-1960.

Association for Computing Machinery (ACM) National, 1958 - 1961

Association for Computing Machinery (ACM) Chrono File, 1964 September 21-1968 May 22

Association for Computing Machinery (ACM). UCLA, 1955 - 1956

Box 2 Association for Computing Machinery (ACM), National Council Meeting, New York City 23 May 1965

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Cleveland, Ohio 27 August 1965

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Las Vegas, Nevada 3 December 1965

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Boston, Massachusetts 29 April 1966

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Los Angeles, California 29 August 1966

Box 2 Association for Computing Machinery (ACM), National Council Meeting, San Francisco, California 11 November 1966

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Washington, D.C. 21 April 1967

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Washington, D.C. 28 August 1967

Box 2 Association for Computing Machinery (ACM), National Council Meeting, Anaheim, California 17 November 1967
ACM National Council Meeting
Atlantic City, New Jersey 3 May 1968

Box 3	National Council ACM (I). Date Range: 1963 to 1965
Box 3	National Council ACM (II). Date Range: 1965 to 1966
Box 3	National Council ACM (III). Date Range: 1967 to 8 May 1968
Box 3	[Committees]. Selected correspondence and other materials pertaining to various committees of the ACM as follows:
Box 3	Editorial Board Committee. Date: March 1967
Box 3	Finance Committee. Dates: 1967
Box 3	Nominating Committee 1967 (ACM)
Box 3	Nominating Committee 1965 1966 (ACM)
Box 4	Social Responsibilities Committee ACM Date Range: 1966 to 1967
Box 4	Los Angeles Chapter ACM. Date Range: 1965 to 1966
Box 4	US Government Relations Committee ACM. Date Range: 1965 to 1966
Box 4	Lectureship Series ACM 1966-1967
Box 4	Thoughtful Persons Committee [sic, for "Commission"] ACM. Date Range: 1964
Box 4	Member at Large ACM, 1964-1966
Box 4	[No Caption]. Photograph, Negative, ca 8" 10"
Box 4	Washington Chapter [?] Resolution on Privacy, 1967 - 1967
Box 4	A Report from the Manufacturers, Proceedings of the Symposium, Small Automatic Computers and Input/Output Equipment Los Angeles, May 9, 1958 (2 copies)
Box 5	ACM Los Angeles Chapter. Meeting Minutes. 1954-1961 Notes: "There is stuff herein related to National ACM matters, to the National ACM meeting held at UCLA in 1956 and 1961 and a little stuff related to the WJCC of 1958." Date Range: 19 February 1954 to 26 October 1961
Box 5	Roster of ACM Key People. Date: 1967
Box 5	[Special Interest Committees (SIC)]. SIC Business Data Processing. Date: April 1967

Box 5	[Special Interest Groups (SIG)]. SIG Computer Personnel Research. Date Range: June 1965 October 1967
Box 5	SIG Newsletter Artificial Intelligence SIGART Newsletter and related materials, including "Critique of June 1966 meeting of the Special Interest Group on Artificial Intelligence Chapter of the ACM" Date Range: April 1966 December 1967
Box 5	ACM Bylaws. Date Range: September 1949-August 1960
Box 5	Newsletter ACM (I) Notes: ACM Headquarters Newsletter Vol. 4 no. 6 (June 15, 1964) ; no. 12 (December 15, 1964); Vol. 4 special issue no. 2 ((September 30, 1964); Vol. 5 no. 1 (January 15, 1965); no. 12 (December 15, 1965); Vol. 6 no. 1 (January 15, 1966) no. 3 (March 15, 1966); Vol. 6 no. 5 (May 15, 1966) no. 12 (December 15, 1966); Vol. 7 no. 1 (January 15, 1967); Attachments, such as minutes of ACM Council meetings and summary of Chapter Chairmen's meetings which were appendixes to certain issues, June 1964 -January 1967
Box 5	Newsletter ACM (II) Notes: ACM Headquarters Newsletter Vol. 7 no. 2 (February 15, 1967) ; no. 12 (December 15, 1967); Vol. 8 no. 1 (January 15, 1968); no. 5 (May 15, 1968); Vol. 8 no. 5 special issue (June 1, 1968); Attachments, such as minutes of ACM Council meetings and summary of Chapter Chairmen's meetings which were appendixes to certain issues February 1967-June 1968
Box 5	Membership Application and Brochure, undated

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Series 2: National Joint Computer Committee (NJCC), 1957-01-10 - 1962-05-21

Scope and Contents: This series contains documents pertaining to the National Joint Computer Committee (NJCC). The first document describes the organization of the NJCC as of January 1957. The last deals with the dissolution of the NJCC in May 1962. The NJCC was composed of representatives from three organizations: the Association for Computing Machinery (ACM), the Committee on Computing Devices of the American Institute of Electrical Engineers (AIEE), and the Professional Group on Electronic Computers of the Institute of Radio Engineers (PG EC of the IRE). Its chief function was the sponsorship of annual computer conferences, especially the Eastern and Western Joint Computer Conferences that had begun in 1951. The expanded successor to the NJCC was AFIPS.

Box 7

U.S./SU Exchange Correspondence, 1958-05-21 - 1959-08-04

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Series 3: SHARE

Scope and Contents: The series documents the activities of a group of IBM computer users active from 1955. The group began at RAND Corporation in Santa Monica, California with representatives from companies awaiting delivery on the IBM 704. As the name suggests, members shared information about programming machines. Armer served actively on the Executive Board of SHARE.

Box 7	[Automatic Information Center S.O. NO. 112280], circa 1962
Box 7	[Paul Armer, "SHARE A Eulogy to Cooperative Effort"], October 31, 1956
Box 7	[SHARE Correspondence, Memoranda, Notes and Minutes], October, 1960-January, 1961
Box 7	SHARE 1960 Notes: Correspondence relating to SHARE. January, 1960 to October, 1960
Box 7	SHARE CORRESPONDENCE, 1959 February-1959 November
Box 7	SHARE CORRESPONDENCE 1958, 1958-06 - 1958-10
Box 7	SHARE CORRESPONDENCE 1958, 1958-01 - 1958-05
Box 7	SHARE CORRESPONDENCE 1957, 1956-12 - 1957-12
Box 7	SHARE Correspondence 1956, 1956-02 - 1956-12
Box 7	SHARE BYLAWS, 1958-01 - 1958-03
Box 7	CAMP, Military Techniques, 1958 - 1966 Notes: This material pertains to the formation of the Military Computer Techniques Group and to related subsequent recommendations. The file is included, since the group may be considered a spin off from SHARE. According to Armer, the chairman of the Selection Committee charged with appointing the steering committee for the group, the purpose of the Military Computer Techniques Group was "to promote the interchange of information related to the application of general purpose computers in the United States defense effort, in particular the interchange of information which cannot flow through existing channels because of its military classification."

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Series 4: American Federation of Information Processing Societies

Scope and Contents: The series documents the American federation of Information Processing Societies (AFIPS) activities during the late sixties, when the donor, Paul Armer, served as Chairman of the AFIPS Committee on the Social Implications of Information Processing Technology, as Vice President, and as President of AFIPS. AFIPS (the American Federation of Information Processing Societies) was organized on 10 May 1961. The founding societies were the American Institute of Electrical Engineers, the Institute of Radio Engineers (later combined to form the IEEE), and the Association for Computing Machinery. Prior to the founding of AFIPS, members of its founding societies began in 1951 to sponsor the Eastern and Western Joint Computer Conferences through the National Joint Computer Committee. The founding of AFIPS was a response to the perceived need of expanding the functions of that Committee.

Box 8	AFIPS chron file 1968-1970, Notes: Copies of outgoing correspondence of Paul Armer as Vice President, President (1968 69), and Past President of AFIPS, 2 February 1968 to 4 May 1970
Box 8	AFIPS chron file 64-67, Copies of outgoing correspondence of Paul Armer, primarily on behalf of the AFIPS Committee on Social Implications of Information Processing Technology and as Vice President of AFIPS 22 September 1964 to 29 November 1967
Box 8	Abstracting Committee, Correspondence of and pertaining to AFIPS' Committee on Abstracts [April] 1966 to 22 May 1969
Box 8	Admissions Committee, Correspondence of and pertaining to the Admissions Committee of AFIPS 24 May 1966 to 23 May 1969
Box 8	Admissions Committee [/] DPMA, Correspondence pertaining to membership of DPMA in AFIPS 22 June 1967 to 28 March 1969 Admissions Committee [/] Amer. Inst. of Certified Public Accountants, Letter pertaining to status of Amer. Inst. of CPAs as 'Affiliated Society' of AFIPS 7 May 1968 Admissions Committee [/] Pattern Recognition Society. Correspondence and related documents pertaining to membership of the Pattern Recognition Society in AFIPS 25 July 1967 to 29 October 1968 Admissions Committee [/] Society for Info. Display Correspondence and related materials pertaining to membership of the Society for Information Display in AFIPS 12 April 1966 to 27 November 1967 Admissions Committee [/] Special Libraries Association, Correspondence and related documents pertaining to membership of the Special Libraries Association in AFIPS 3 May 1967 to 9 June 1969 Admissions Committee [/] American Documentation Inst., Correspondence pertaining to membership of the American Documentation Institute in AFIPS 6 February 1967 to 13 February 1967 Awards Committee, Correspondence of and pertaining to the AFIPS Awards Committee 2 March 1965 to 17 July 1969
Box 8	Admissions Committee [/] DPMA, Correspondence pertaining to membership of DPMA in AFIPS 22 June 1967 to 28 March 1969

Box 8	Admissions Committee [/] American Institute of Certified Public Accountants, Letter pertaining to status of American Institute of CPAs as 'Affiliated Society' of AFIPS 7 May 1968
Box 8	Admissions Committee [/] Pattern Recognition Society. Correspondence and related documents pertaining to membership of the Pattern Recognition Society in AFIPS 25 July 1967 to 29 October 1968
Box 8	Admissions Committee [/] Society for Info. Display Correspondence and related materials pertaining to membership of the Society for Information Display in AFIPS 12 April 1966 to 27 November 1967
Box 8	Admissions Committee [/] Special Libraries Association, Correspondence and related documents pertaining to membership of the Special Libraries Association in AFIPS 3 May 1967 to 9 June 1969
Box 8	Admissions Committee [/] American Documentation Inst., Correspondence pertaining to membership of the American Documentation Institute in AFIPS 6 February 1967 to 13 February 1967
Box 8	Awards Committee, Correspondence of and pertaining to the AFIPS Awards Committee 2 March 1965 to 17 July 1969
Box 9	Conference Committee, Correspondence of and pertaining to the AFIPS Conference Committee, with related materials, 4 April 1966 to 7 June 1969
Box 9	Constitution & By Laws, Correspondence of and pertaining to the AFIPS Constitution & By Laws, with related materials, Date Range: 28 March 1967 to 30 January 1969
Box 9	Education Committee, Correspondence of and pertaining to the AFIPS Education Committee, with related materials. Date Range: 4 November 1966 to 26 May 1969
Box 9	Executive Committee [/] General Miscellaneous materials pertaining to the AFIPS Executive Committee. Date Range: 23 July 1965 to 22 May 1969
Box 9	Executive Committee [/] Meetings Minutes, memoranda, correspondence and notes pertaining to AFIPS Executive Committee meetings. Date Range: 17 September 1965 to 15&16 July 1968
Box 9	Executive Committee [/] Minutes [Incomplete set of] Minutes of AFIPS Executive Committee meetings. Date Range: 28 July 1964 to 7 & 8 December 1968
Box 10	Government Advisory Committee, Correspondence of and pertaining to the AFIPS Government Advisory Committee. Date Range: 8 December 1966 to 16 April 1968

Box 10	Harry Goode Memorial Committee Correspondence of and pertaining to the AFIPS Harry Goode Memorial Committee with related materials. Date Range: 9 February 1965 to 27 May 1969
Box 10	Information Dissemination Committee Correspondence of and pertaining to the AFIPS Information Dissemination Committee, and, initially, COSATI Liaison. Date Range: 30 March 1967 to 10 July 1969
Box 10	International Relations Committee Correspondence pertaining to IFIP and related matters. Date Range: 10 May 1966 to 24 June 1969
Box 10	National Museum of Information Processing Comm. Correspondence pertaining to idea of a National Museum of Information Processing. Date Range: 8 June 1966 to 15 June 1967
Box 10	Nominating Committee. Correspondence pertaining to the AFIPS Nominating Committee, and related materials. Date Range: 17 March 1966 to 7 April 1969
Box 10	Planning Committee. Correspondence pertaining to the AFIPS Planning Committee, and related materials. Date Range: 10 March 1965 to 21 April 1967
Box 10	Public Relations Committee. Correspondence pertaining to the AFIPS Public Relations Committee, the appointment of a Director of Public Relations, and related materials. Date Range: 24 September 1964 to [May] 1969
Box 10	Publications Committee. Materials pertaining to publications and AFIPS Publications Committee Date Range: 14 September 1964 to 1 April 1968
Box 10	Social Implications Committee. Correspondence pertaining to the AFIPS Social Implications Committee, and related materials. Date Range: 9 April 1964 to 16 June 1969
Box 10	Task Force on AFIPS Proceedings Committee Memorandum pertaining to the Task Force on AFIPS Proceedings. Date: 10 July 1966
Box 11	AFIPS Press, Date Range: 25 April 1967 to April 21, 1969
Box 11	Asmus, H. G. Date: 14 May 1968
Box 11	Cruzen, D.R. Date: 14 May 1968
Box 11	Exhibits. Date Range: 7 March 1966 to 2 June 1969
Box 11	FCC. Date Range: 22 to 26 March 1968
Box 11	Film Project Workshop on Teaching. Date Range: 15 March 1967 to 25 March 1969

Box 11	Int'l Joint Conference, on Artificial Intelligence Date Range: 31 July 1968 to 7 9 May 1969
Box 11	Martin Luther King Fund. Date Range: June 1968 to 8 September 1968
Box 11	Maywebb Sciences. Date Range: 30 October 1966 to 17 April 1968
Box 11	Miscellaneous. Date Range: 1 January 1965 to 16 February 1970
Box 11	New York Times Supplement. Date Range: 2 October 1965 to 23 September 1966
Box 11	Resistors. Date Range: 1 May 1968 to 2 June 1969
Box 11	Simulations Council[s], Inc. Date: 2 October 1967
Box 11	Governing Board. Date Range: 21 May 1965 to 27 November 1967
Box 11	Legal. Date Range: 10 July 1967 to 6 June 1969
Box 11	TC 4 Committee. 2 items pertaining to IFIP TC 4 Date Range: 6 June 1968 to 9 September 1968
Box 11	Technical Program Committee. Correspondence pertaining to the AFIPS Technical Program Committee , and related materials. Date Range: 26 July 1966 to 3 June 1969
Box 11	U.S. Committee for IFIP Congress '68. Correspondence pertaining to IFIP Congress 1968, and related materials. Date Range: August 1967 to 16 April 1969
Box 12	AFIPS Newsletters. Date Range: 5 November 1965 to September 1966
Box 12	Exhibitor Newsletters. Date Range: August 1966 to September 1967
Box 12	IEEE. Date Range: January 1968 to 4 March 1968
Box 12	IFIP ADP Group. Date Range: 6 December 1965 to 13 September 1968
Box 12	NAS/NRC Division of Engineering. Date Range: 6 April 1967 to 14 June 1968
Box 12	NAS/NRC Division of Math. Date Range: 25 January 1968 to 13 March 1968
Box 12	Personnel. Date : 10 February 1969
Box 12	Fringe Benefits & Personnel Policies. Date Range: 14 July 1966 to 23 May 1969

Box 12	Las Vegas Symposium: Computers and Changing Employment Patterns. Date Range: 8 July 1963 to 9 September 1964
Box 12	Privacy Symposium. Date Range: 9 September 1966 to 3 January 1967
Box 12	Publications, Miscellaneous AFIPS pamphlets, Date Range: 1960s
Box 12	AFIPS Executive Committee Meeting 3/20/69 Date : 20 March 1969. Note: Appended documents include earlier material
Box 12	Executive Committee Meeting, 1/22 23/69 Date Range: 22 January 1969 to 7 February 1969 Note: Appended documents include earlier material (1968, 1969)
Box 12	Expense Reports. Date: 25 April 1969
Box 12	Finance Committee. Date Range: 15 January 1968 to 22 May 1969
Box 12	FY 1970 Budget. Date: 24 February 1969
Box 12	AFIPS Incorporation. Date Range: 29 April 1969 to 1 May 1969
Box 12	AFIPS: Vellums. Date Range: 25 to 30 September 1968
Box 12	AFIPS: Las Vegas Vellums [a blank folder]
Box 12	AFIPS: San Francisco Symposium. Distribution List, 28 October 1964
Box 12	AFIPS: San Francisco Vellums "Orderly Transition to the Future. First Draft of Transcript of a Symposium ..." 28 October 1964 and 5 August 1966
Box 12	AFIPS: Washington Vellums "How Will Computers Change our World in the Next Twenty Years?" 31 August 1964
Box 12	AFIPS: Washington Symposium Distribution List Date: 22 April 1964
Box 13	ARPA Survey. Date Range: 18 October 1967 to 26 June 1969
Box 13	IFIP Congress 71. Date Range: 14 June 1968 to 15 May 1969
Box 13	American Institute of Physics. Date Range: 1966 to 1968
Box 13	Finances. Date Range: 26 November 1965 to 27 May 1969
Box 13	Ad Hoc Committee on AFIPS Role. Date Range: January February 1969
Box 13	ACM. Date Range: 20 to 25 March 1969
Box 13	ASIS. Date Range: April 1968 to February 1969

Box 13	Fay Baker. Date Range: May to June 1968
Box 13	Jamaica. Date Range: February 1969
Box 13	JFIPS. Date: 11 October 1968
Box 13	Manpower Studies. Date: 26 May 1969
Box 13	Greenberger Project. Date Range: 14 February 1968 to 4 June 1969
Box 13	Professionalization Study. Date: 3 April 1969
Box 13	RAND transcript. Date Range: 10 March 1969 to 1 August 1969
Box 13	West Indies Project. Date Range: 7 August 1968 to 15 November 1968 Notes: This appears to be a MISCELLANEOUS file; it is possible that only one memorandum (4 September 1968) pertains to the West Indies Project
Box 14	AFIPS: Chairman Elect, Date Range: 18 October 1966 to 21 August 1967
Box 14	AFIPS Board of Governors Meeting 5/13/69 Note: Attached documents (minutes) include materials of earlier date
Box 14	Board of Directors Meeting 12/8/1968 Note: Attached documents (minutes) include materials of earlier date
Box 14	Board of Governors. Date Range: 14 January 1966 to 13 May 1969
Box 14	AFIPS: Social Implications of Information Processing Technology. Date Range: 9 September 1964 to 7 February 1966
Box 14	69 FJCC. Date Range: 25 June 1968 to 2 June 1969
Box 14	70 SJCC, Date Range: 9 January 1969
Box 14	JCC Board Meeting 3/19/69. Note: Attached documents include materials of earlier date
Box 14	JCC Board/AFIPS Executive Committee Meeting 4/22 23/69 Notes: Note: Attached documents include materials of earlier date.
Box 14	JCC Board Meeting 5/12/69. Date 12 May 1969
Box 14	JCC Board. Date Range: 13 January 1969 to 19 June 1969
Box 14	JCC Conference Committee. Date Range: 27 September 1968 to 16 June 1969

Box 15	1966 Fall Joint Computer Conference. 25 April 1966 to 3 November 1966
Box 15	1967 Spring Joint Computer Conference, minutes of steering committee; operating budget. Date Range: 12 July 1966 to 16 May 1967
Box 15	1967 Fall Joint Computer Conference minutes of steering committee; memoranda and correspondence; related materials, 19 April 1966 to 18 October 1968
Box 15	68 FJCC minutes of steering committee; memoranda and correspondence; related materials. Date Range: 12 February 1968 to nd
Box 15	68 SJCC minutes of steering committee; memoranda and correspondence; audience survey; related materials, 8 June 1967 to 20 September 1968
Box 15	69 SJCC minutes of steering committee; related materials. Date Range: 3 April 1968 to 23 May 1969

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