Register of the John A. Starkweather Papers, 1965-1985

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Note
History --History, California --General
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Register of the John A. Starkweather Papers, 1965-1985

Collection number: MSS 92-92

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Descriptive Summary
Title: John A. Starkweather Papers,
Date (inclusive): 1965-1985
Collection number: MSS 92-92
Creator: Starkweather, John A.
Extent: Number of containers: 1 carton, 2 boxes
Repository: University of California, San Francisco. Library. Archives and Special Collections.
San Francisco, California 94143-0840
Shelf location: For current information on the location of these materials, please consult the Library's online catalog.
Language: English.
Provenance
Received from Dr. Starkweather, 11/2/92.
Access
Collection is open for research.
Preferred Citation
[Identification of item], John A. Starkweather Papers, MSS 92-92, Archives & Special Collections, UCSF Library & CKM
Abstract
Includes correspondence, sample programs of Computest (early version of Pilot), and materials detailing the development of Pilot, various Pilot user manuals.

Biographical Data
John Amsden Starkweather was born on August 30, 1925, in Detroit, Michigan. During World War II, he served in the U. S. Coast Guard and attended the U. S. Coast Guard Academy in New London, Connecticut. He obtained his A.B. degree in Art from Yale in 1950, and graduate degrees from Northwestern University (M.A., Experimental Psychology, 1953; Ph.D., Clinical Psychology, 1955). During his Ph.D. candidacy, he was an assistant research psychologist at the University of
California San Francisco campus, and a lecturer in psychology at Northwestern. After obtaining his Ph.D., he returned to UCSF's Department of Psychiatry to conduct courses in medical psychology, first as an assistant professor (1955-1961), then associate professor (1961-1966) and later as a full professor (1966-1992) and emeritus professor (1992-). He also has lectured in pharmacology (1956-1962) and in psychology at U. C. Berkeley (1957-1958).

Dr. Starkweather's teaching activities from 1955 through 1961 centered primarily on clinical skills of diagnostic psychological testing and interviewing. Referrals were also accepted for evaluative consultations for faculty members and students in outpatient clinics of Psychiatry, Medicine, Neurology, Neurosurgery, Obstetrics and Gynecology, and inpatient wards of Neurology, Neurosurgery and Medicine. Following a sabbatical leave in 1962, his emphasis of teaching shifted from clinical skills toward consultation about data analysis, research methods and computer usage, involving consultation with faculty and staff, with postgraduate fellows, residents and medical students. It was in this second field of interest that much of Dr. Starkweather's later work took place. From 1965 to 1977 he was the director of UCSF's Office of Information Systems and Computer Center, and from 1967 to 1992 he was first a faculty member and later chairman of the Graduate Group in Medical Information Science.

Notable among Dr. Starkweather's achievements during this period was the development of two interactive computer programming languages, initially designed for automated examinations and learning exercises: COMPUTEST was developed in the early 1960s, and PILOT (Programmed Inquiry, Learning Or Teaching) in the early 1970s. Of the two systems, PILOT --designed for use on individual desktop microprocessor equipment --has been the most successful. PILOT was chosen by the National Library of Medicine as their primary computer language for the dissemination and interchange of computer-based instructional materials in the health sciences, and for the instruction of medical librarians about how to search the MEDLINE data files; a more recent version has been used to develop current instruction about access to toxicology information.

**SERIES I. COMPUTEST**

Carton Carton 1,
Folder 1.    Computest description and listing
Folder 2-3. Computest programs, 1st, 3rdgrade
Folder 4.   Teacher programs
Folder 5.   Initial interview
Folder 6.   Intelligence demo
Folder 7.   Programmed interview: menstrual disorder
Folder 8.   Diagnostic interview: chest pain
Folder 9.   FORTRAN test
Folder 10. Self-tutor
Folder 11. Evaluation
Folder 12. Clippings
Folder 13. US Office of Education H226 final report 1/69

**SERIES II. PILOT**

Carton Carton 1, SDS 940 PILOT, 1968
Folder 14.
Folder 15. SRI, 1968/69
Folder 16. PDP8 specs, 1975-76
Folder 17. PYLON version, 1971
Folder 18. Dartmouth TSS, 1971-77
Folder 19. NYLON/PYLON, 1972-73
Folder 20. PILOT in MUMPS, 1976
Folder 21. Coursewriter PILOT translator, 1974
Folder 22. PILOT standard, 1973
Folder 23. PILOT self-tutor
Folder 24. Examples formatted for slides
Folder 25. PILOT Datapoint distribution
Folder 26. PILOT booklet, 1975
Folder 27. NIH-LM-01843 final report 6/76
Folder 28. PILOT for IBM, VM/370 CMS 1976
## Folder 29.
- **PILOT information exchange, 1975-76**
- **IEEE P1154 PILOT standard development**

## Box Box 1

## Folder 30.

## Folder 31.
- **PILOT STANDARDS, 1969-78**
- **Nielsen (MUMPS Pilot)(ATARI)**

## Folder 32.
- **LaGrone, T. AMIGA**

## Folder 33.
- **Kheriaty IBM, APPLE**

### Manuals:
- Apple Pilot Editors Manual (Apple II), 1980
- Apple Pilot Reference Manual (Apple II), 1980
- Conlon, Tom. Pilot--The Language and How to Use It, 1984
- Nielsen, Tom. Esteem (TM) Pilot, 1990

## Box Box 2

## Folder 34.
- **Starkweather, John A. A User's Guide to Pilot, 1985**
- **Starkweather, John A. Utah PILOT version 7.0, Programmer's Reference manual, 7th ed., 1985**
- **Starkweather, John A. Guide to 8080 PILOT, Version 1.1, [s.d.]**
- **Using IBM PILOT, 1984**
- **ATARI 400/800 Student Pilot Reference Guide, 1981**
- **ATARI 400/800 PILOT Demonstration Programs Users Guide, 1981**
- **ATARI 400/800 PILOT Primer The PILOT Programming Language Instruction Manual, 1980**