

Arnold Trehub Papers

ca. 1948-2017

6 boxes, 3 computers (14 linear feet)

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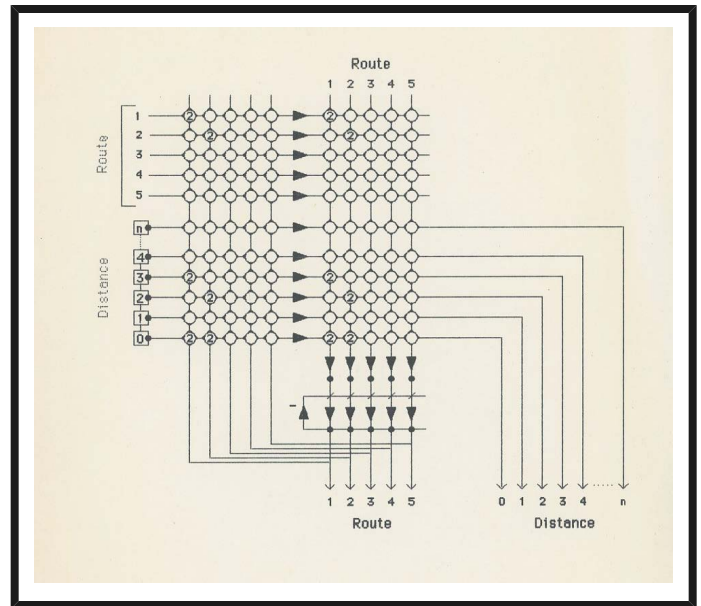
Arnold Trehub, born in Malden, Mass. in 1923, was an active and very well respected cognitive scientist and researcher, artist, and World War II veteran. Trehub earned his BA from Northeastern University and his PhD from Boston University, though his undergraduate education was interrupted by the War. Serving in the Pacific Theater, he worked as a radio technician for B-29 bombers, two of which were the Enola Gay and the Bockscar. For most of his professional life, Trehub was the director of a research lab at the VA Hospital in Leeds, Mass. and an adjunct professor at the University of Massachusetts Amherst. His research on the neurophysiology of the human brain and the nature of consciousness appeared in numerous journals and edited volumes and his best known book, *The Cognitive Brain*, was published by MIT press in 1991. Trehub was a resident of Amherst since 1954 and passed away on April 3rd, 2017.

The Arnold Trehub Papers primarily document his work as a cognitive scientist, including drafts and copies of articles, research data, research notes on paper and as digital files, and a rich collection of Trehub's professional email correspondence. In addition to the content of his research, the Trehub Papers also exhibit the processes and approach of early personal computer-aided research design, data design, and research graphics. There is also a small amount of Trehub's undergraduate student work.

Background on Arnold Trehub

Arnold Trehub was born in Malden, Massachusetts, in 1923. Prior to becoming a well known and respected cognitive scientist and researcher, Trehub served in the United States Army Air Force during World War II. He was a freshman at Northeastern

University when Pearl Harbor was attacked. Trehub enlisted and began working in the Pacific Theater, where he was a radio technician for B-29 Bombers, including the Enola Gay and the Bockscar -- the planes that ultimately dropped the bombs on Hiroshima and Nagasaki. After the War, Trehub returned to Northeastern to receive his BA, and went on to attain his MA and PhD in psychology from Boston University.



Trehub moved to Amherst in 1954 after accepting a position as Director for the research lab at the VA Hospital in Leeds, Mass. Trehub and his wife, Elaine, raised their family in Amherst and were among the founding members of the Jewish Community of Amherst.

He joined UMass as an adjunct professor in 1979. His research on the neurophysiology of the human brain and the nature of consciousness appeared in numerous journals and edited volumes and his best known book, *The Cognitive Brain*, was published by MIT press in 1991. Trehub continued to teach classes, conduct research, and publish his findings until 2016. Trehub died in Amherst on April 3, 2017.

Scope of collection

The Arnold Trehub Papers primarily document his work as a cognitive scientist. It includes drafts and copies of articles, research data, his professional email correspondence, and many drafts of the manuscripts and research that ultimately became *The Cognitive Brain*.

In addition to the content of his research, the Trehub Papers also exhibit the processes and approach of early personal

computer-aided research design, data design, and research graphics. The collection also includes his academic work from his years at Northeastern and Boston University, like notebooks, academic papers, and research.

Another prominent feature of the Collection are some of Trehub's actual computers, including an Apple Lisa 2, Apple II Plus, and a Macbook Pro.

Series descriptions

Biographical

1950-2017

The Biographical series includes Trehub's yearbook from his senior year at Northeastern University, newspaper clippings, certificates, and his CV. Also included is a biographical pamphlet created by his family for his funeral, which contains a timeline of his life that represents parts of the collection. This series is arranged chronologically.

Writing

1948-2016

The Writing series is the bulk of the collection, and consists of both his academic and professional work, including a large amount of research and correspondence directly related to the publication of *The Cognitive Brain*. Research and correspondence that pertains to specific articles is placed with the manuscript for each article. Some content, including the entirety of *The Cognitive Brain*, can be found on floppy disks and CDs, as well as in hard copy. This series is arranged alphabetically.

Professional activities

1959-2005

The Professional Activities series includes an assortment of articles written by his professional peers in the field of Cognitive Science with occasional commentary, administrative paperwork from his decades of work with the VA Hospital in Leeds and at UMass, and his professional email while employed at UMass Amherst. This series is arranged alphabetically, and then chronologically.

Technology

ca. 1979-2008

The Technology series contains some of the computers used by Trehub during his career.

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Technology

ca.1979-2008

Apple II plus

ca.1979

Includes an off-market monitor and a single, 5 1/2" floppy drive.

Apple Lisa 2

ca.1984

Includes original keyboard and mouse.

MacBook Pro

ca.2008

Administrative information

Access

The collection is open for research.

Language:

English

Provenance

Gift of Aaron Trehub.

Processing Information

Processed by Theresa Dooley, March 2018.

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Search terms

Subjects

- Brain--Computer simulation
- Cognitive science

- University of Massachusetts Amherst . Department of Psychology
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Names



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