Center for Application of Sciences and Technology (CAST)

Papers, 1961-1971
(Predominantly, 1963-1968)

29 linear feet
29 storage boxes

Accession Number 173
OCLC #
DALNET #

The records for the Center for Application of Sciences and Technology (CAST) were placed in the Archives by Director Robert Jones, 1968, Director Arthur D. Evens, 1971, and Robert Booth, 1973. The records deposited by Evens and Booth were originally accessioned as part of CAST's successor program, Science and Technology Information Center (STIC). Evens was director of STIC. Booth was in charge of the Department of Information Services.

CAST was organized in August, 1963 under the direction of Bruce W. Pinc. The Center soon fell under the Division of Urban Extension (DUE) which linked the teaching and research resources of the University and the community. CAST program advice was given by the Industrial Advisory Board (IAB) and the University Advisory Council (UAC). Funding for the Center was primarily contract support from National Aeronautics and Space Administration (NASA) and supplementary contract support from the Michigan Legislature through the Michigan Department of Economic Expansion. In addition there was a client-fee subscription program instituted after the first year of operation. The NASA contract was terminated in 1968.

CAST was created as a result of a research study program, in 1962, and funded in part by the NASA. The study emphasized the special nature of scientific and technological information and the need for its rational use. CAST's objective was to stimulate and accelerate the development of the Michigan economic, social, and cultural systems through the effective use of information. CAST accelerated the deliberate transfer of scientific and technical information, principally that generated by federally-sponsored scientific and technical programs, to the civilian community.

Cast evaluated thousands of research documents created by NASA centers, and found ways for local companies to adapt this information to their materials, processes, and products. The bulk of these research documents arrived at the CAST offices on magnetic tape, microfilms and abstracts. Through the facilities of the Computing and Data Processing Center, the magnetic tapes were searched for citations of documents concerning a specific area of interest.

To further facilitate the transfer of information to the community, CAST produced several publications such as the Metal Joining Digest, Water Pollution Digest, Water Quality Control Digest, Surface Coatings Digest, Information Sampler Digest, and Air Quality Control Digest. CAST also sent out newsletters and notices of current research finds that might be of interest to their clients.
Important subjects and correspondents in the collection:

Aeronautic Research Russell E. Bauer
Automobile Industry, Detroit John H. Bigelow
Burroughs Corporation Philip J. Borden
Chemical Abstract Services Earl E. Borseth
Chrysler Corporation Arthur D. Evens
Detroit, City of Clarence B. Hillberry
Edison Electric Institute Robert Jones
Ford Motor Company Breene Kerr (NASA)
General Motors Corporation Winston E. Kock (NASA)
Institute for Applied Chemistry and Physics (IACP) Thomas F. Morrow
Japanese Information Center Bruce W. Pinc
Kelsey-Hayes Paul W. Robson
Ling Temco Vought Henry S. Rudy
Michigan Department of Economic Expansion Hamilton Stillwell
Michigan Manufacturing/Industry Richard Tisher (NASA)
National Aeronautics and Space Administration (NASA) Randall M. Whaley
Small Business Administration
State Technical Services Program
(Michigan and U.S.)
U.S. Air Force
U.S. Rubber
University Advisory Committee (UAC)
Urban Planning
Urban Extension, Division of
Wolverine Shoe and Tanning Corporation

Non-manuscript material:

One half box of photographs have been placed in the Archives Audio-Visual Collection. Annual reports, minutes, and publications of the University have been placed in the Library.

PLEASE NOTE: Folders are computer-arranged alphabetically in the finding aid, but may actually be dispersed throughout several boxes in the collection. Note carefully the box number for each folder heading. A folder-by-folder listing of the boxes in this collection is also available upon request.
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