

Yonathan Bard

Data Processing Division, Scientific Center, Cambridge, Massachusetts.

Chemical engineering (Ph.D., Columbia University, 1956). Joined IBM in 1957. Has worked on computer applications in various areas of engineering, operations research, and statistics. He is currently working on system performance evaluation.

Barbara C. Black

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Statistics (M.S., Rutgers University, 1963). Mathematics instructor at Florida A and M University before joining IBM in 1963, when she became application and system programmer for the Lincoln Tunnel traffic analysis study. Currently doing programming for a library management system and interactive graphics.

Denos C. Gazis

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Engineering mechanics (Ph.D., Columbia University, 1957). Theoretical mechanics and traffic theory at the General Motors Research Laboratory before joining IBM in 1961. Research in mechanics, applied mathematics, operations research, traffic control, and urban problems. Currently responsible for research in general sciences.

Jeanette Gerald

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Mathematics (A.B., Boston State College, Massachusetts). Previously employed by Itek Corporation doing work involving investment analysis, Monte Carlo techniques, regression testing, operations research, and multiprogramming. After joining IBM in 1968, worked in operations research, and in paging optimization techniques. Currently on leave of absence at the University of Chicago.

Samuel Gorenstein

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Operations research (Ph.D., New York University, 1968). Previously with System Development Corporation. With IBM since 1963, he has worked on project management and machine scheduling with resource constraints, statistical aspects of computer simulation, control models for manufacturing industries, queuing, and reliability. Presently working on measurement and evaluation problems for computer systems and also serves as part-time Adjunct Associate Professor of Operations Research at the New York University Graduate School of Engineering and Science.

Donald J. Hatfield

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Mathematics and history (S.B., Massachusetts Institute of Technology, 1960). Before joining IBM in 1965, did research into the psychology of visual perception and was involved with documentary film-making. Since joining IBM, he has done work in operations research and in sequencing problems. He has also investigated the application of optimization techniques to computer systems, in particular the matching of program structures to relocation hardware. He is presently investigating problems in data description and studying local structure invariance in protein molecules.

Harold Lorin

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Economics (B.S., New York University, 1955). Prior to joining IBM in 1968, he was with UNIVAC, SDC, SBC, and the U.S.A.F., where he held various technical and management positions. Has been associated with the design and implementation of operating systems, compilers, retrieval systems, and a generalized sort simulator system. Currently at the IBM Systems Research Institute, where he is presenting courses in multiprocessing, multiprogramming, and sorting and developing a text on sorting for the IBM Systems Programming Series.