

Introducing The Daniel D. McCracken Computational Sciences Seminar Series

The seminar series invites faculty and students from Computer Science, Mathematics, Physics, Geology and other sciences, engineering, and technical disciplines to share in presentations of general interest in the computational sciences.

Daniel D. McCracken is an author, a former president of the Association for Computing Machinery (ACM), and Professor of Computer Sciences at the City College, City University of New York.

His *Digital Computer Programming* (1957) was the first textbook on the subject. Among his 25 titles are standard works on Fortran (1961, 1965, 1974, 1984, and 1988), Algol (1962), Cobol (1963, 1970, 1976, 1988, and 1990), and numerical methods (1964 and 1972). He has also published on the Intel microcomputer programming language PL/M (1978) and the Fourth Generation Language Nomad (1981). He is the editor, with Margaret Mead, Roger Shinn, and Edward Carothers, of *To Love or to Perish: The Technological Crisis and the Churches* (1972). His books have been translated into 15 languages and have sold about 1.6 million copies.

Mr. McCracken graduated in 1951 from **Central Washington University** with degrees and mathematics and chemistry, and earned the M. Div. Degree (*cum laude*) from Union Theological Seminary (New York) in 1970. After seven years with the General Electric Company in a variety of assignments in computer applications and programmer training, he spent a year at the New York University Atomic Energy Commission Computer Center, then (1959) went into full time consulting and writing on computer subjects. While at NYU he was a graduate student at the Courant Institute of Mathematical Sciences. He joined the City College Computer Sciences Department in 1981 and chaired it in 1989-91. His consulting clients include the Federal Aviation Agency, Honeywell, Shell Oil, IBM, Intel, Dun & Bradstreet, and Sybase.

McCracken was ACM vice president 1976-78 and president 1978-80. He is a former chairman of the History of Computing Committee of the American Federation of Information Processing Societies, a former chairman of the ACM Committee on Computers and Public Policy, a Director of the Charles Babbage Institute Center for the History of Information Processing, and a four-time ACM National Lecturer. He has lectured in 49 states, Europe, Israel, and Japan, giving over 400 talks on technical and public policy issues.

He was elected a Fellow of the AAAS in 1985 and a member of the first class of ACM Fellows in 1992. In 1989 he received the Norbert Weiner Award for Social and Professional Responsibility from Computer Professionals for Social Responsibility. In 1992 the ACM Special Interest Group on Computer Science Education gave him their award for Outstanding Contributions to Computer Science Education. He is an honorary member of the Golden Key National Honor Society.