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Barbara Keyfitz received her undergraduate education in mathematics at the University of Toronto and her M.S. and Ph.D. from the Courant Institute, New York University. Her research area is Nonlinear Partial Differential Equations. She is a Fellow of the American Association for the Advancement of Science, and the recipient of the 2005 Krieger-Nelson Prize of the Canadian Mathematical Society. Before joining the faculty of the University of Houston in 1983, she was a faculty member in Engineering at Columbia and Princeton, and in mathematics at Arizona State University. She has also held visiting positions at the University of Nice, at Duke University, at Berkeley, at the Institute for Mathematics and its Applications in Minneapolis, at the Fields Institute, and at Brown University. She is President of the Association for Women in Mathematics, retiring Chair of Section A of the American Association for the Advancement of Science, and Treasurer of the International Council of Industrial and Applied Mathematics.