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**INTERNATIONAL
WHO'S WHO OF INTELLECTUALS**

Ninth Edition

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Cambridge England**

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MALVINA-FLORICA BAICA

122 North Esterly Avenue,
Whitewater, Wisconsin 53190, USA.

The wife of Adrian Baica and daughter of Adam (a lawyer) and Cornelia Bunghiu, Malvina-Florica Baica was born in Oravita, Romania on 3 November 1942. After gaining her Baccalaureate at Oravita Lyceum in 1960, she spent five years at the University of Timosoara, earning a BS in Mathematics and Physics and MS in Mathematics (Projective and Differential Geometry). She taught for two years at a Lyceum, but subsequently emigrated, with Political Asylum, to the United States. Resuming her studies she was awarded her MA in Mathematics (Algebra and Number Theory) by Illinois Institute of Technology in 1974 and her PhD in Mathematics (Algebraic Number Theory and Algebra) by the University of Houston, Texas in 1980. During that period she was elected to the scholarly mathematics societies of Pi Mu Epsilon and Texas Theta. Since 1989 Associate Professor of Mathematics and Computer Science at the University of Wisconsin-Whitewater, Dr Baica joined the academic staff there in 1984, as a Lecturer, and was appointed Assistant Professor the following year. She had previously held positions as Assistant Professor at Western Illinois University, 1978-80, Marquette University, 1980-81, Marshall University, 1981-83 and Valparaiso University, 1983-84. In her research, Malvina Baica has succeeded in deriving new and very complicated identities using algebraic methods. Among her publications the most significant are "An Algorithm in a Complex Field (ACF) and its Application to the Calculation of Units" - (A New and very powerful Algorithm); "Trigonometric Identities" (now known in mathematical literature as Baica's Trigonometric Identities); "Putting Last Digits First Yields Multiples" (a joint paper with the late Helmut Hasse) and "n-dimensional Fibonacci Numbers and Their Applications". In addition, she has the distinction of being one of the first women authors to write for the 'Bulletin of Number Theory', which published her contribution 'More Units from the Periodicity of an Algorithm' in 1989; a second one is awaiting publication. She has given professional talks at conferences and other meetings including the International Congress of Mathematicians, held at the University of California, Berkeley in 1986, the International Conference on Number Theory in Quebec, Canada in 1987, the American Mathematical Society's Centennial Celebration in Providence, Rhode Island in 1988 and the International Conference on Analytic Number Theory, at the University of Illinois, Allerton Park, Urbana, also in 1988. The recipient of the 1988 Excellence in Research Award from the University of Wisconsin-Whitewater, Dr Baica was honoured by the Library and Learning Resources for 1988-89 campus Authorship/Scholarship on 21 November 1989. She has recently received a Distinguished Leadership Award and is included in the "International Directory of Distinguished Leadership" 3rd Edition. In 1980 Dr Baica joined the American Mathematical Society. Her other current memberships are in the Mathematical Association of America, Unione Matematica Italiana, and Calcutta Mathematical Society.