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BAEKOVA Cholpon, b. 18 May 1947, Kurshab village, Osh region, Kyrgyzstan. Law. m. Sapar Baekov, 2 sons, 2 daughters. Education: Diploma, Law Faculty, Kyrgyz State University, Bishkek, 1969; Diploma, Political Science, Academy of Social Science, Central Committee of the CPSU, Moscow, 1990. Appointments: Public Prosecutor, Kyrgyz Soviet Republic, 1969-77; Member, Supreme Court of the Kyrgyz Soviet Republic, 1977-82; Chair, Issyk-Kul Regional Court, Kyrgyzstan, 1982-85; Chair, Issyk-Kul Regional Trade Union, Kyrgyzstan, 1985-88; First Substitute of the Minister of Justice, 1988-90; Public Deputy, Supreme Soviet of the Kyrgyz Republic, Chair of the Committee in the field of Legislation and Legality of the Supreme Soviet, 1990-91; Attorney General, Kyrgyz Republic, 1991-93; Chair, Constitutional Court of the Kyrgyz Republic, 1993-.

Honours: Judge of High Qualification Class; Honoured Jurist, Kyrgyz Republic; Diploma of the Kyrgyz Republic, 1995; Manas Order of III Power, 1997; Femida Award, International Highest Legal Prize, 2000; Kurmanjan Datka international prize, Ruhaniyat International Association. Memberships: European Commission for Democracy through Law, Venice Commission; Moscow Lawyer Club. Address: 39 Erkindik Avenue, Bishkek 720040, Kyrgyzstan. E-mail: cekr@jtinet.kg

BAICA Malvina-Florica, b. 3 November 1942, Oravita, Banat, Romania (emigrated with political asylum to USA, 1968). University Professor; Mathematician; Researcher. Educator, m. Adrian Baica, 1963. Education: European Baccalaureate, Mathematics and Physics, Liceum General Drăgăneanu of Oravita, Romania, 1960-64; BS, Mathematics and Physics, 1964, MS, Mathematics (Projective and Differential Geometry), 1965, University of Timisoara, Romania; MS, Mathematics (Algebra & Number Theory), Illinois Institute of Technology, Chicago, Illinois, USA, 1974; PhD, Mathematics (Algebraic Number Theory & Universal Algebra), University of Houston, Texas, 1980. Appointments: Assistant Professor, Mathematics & Statistics, Western Illinois University, USA, 1978-80; Assistant Professor of Mathematics, Statistics & Computer Sciences, Marquette University, Milwaukee, Wisconsin, 1980-81; Assistant Professor of Mathematics & Computer Sciences, Marshall University, Huntington, West Virginia, 1981-83; Assistant Professor, Mathematics & Computer Sciences, Valparaiso University, Indiana, 1983-84; Lecturer, 1984-85, Assistant Professor, 1985-89, Associate Professor, 1989-91, Professor, 1991-. Mathematics & Computer Sciences, University of Wisconsin, Whitewater, First female to become full professor in the Mathematics Department since the foundation of the University of Wisconsin, Whitewater in 1868. Publications: Author of more than 65 papers and 3 books; Developed Baica’s Generalised Euclidean Algorithm (BGEA) which is proved to be the Euler System for the Algebraic Number Theory (BGEA is used to prove long time unresolved problems in algebraic number theory and algebra, including the original Fermat’s Last Theorem); Discovered Baica’s Trigonometric Identities; In collaboration with M Cardu, introduced and developed for the first time the nonclassical trigonometries such as the infrutrigonometry, ultratrigonometry, transntrigonometry, extratrigonometry and paratrigonometry; Discovered Baica-Cardu Trigonometry Identities for these corresponding nonclassical trigonometries; Contributed significantly to the solution of Goldbach’s problem and mathematical models for mechanical engineering applications; Member of editorial board and referee for about 5 American and European Mathematical Journals and 4 American journals in Science & Engineering. Honours: PI Mu Epsilon, National Honorary Mathematics Fraternity Texas Theta, 1977; Excellence in Research Award, 1988, Certificate of Recognition Award for Outstanding Research, 1997, 1998 and 1999; Certificate of Excellence Award in Research, 2004, 2005, 2006 and 2007, University of Wisconsin, Whitewater; Honorary Diploma, Romanian ASTRA Association, Timisoara, Romania, 2003. Memberships: American Mathematical Society; Mathematical Association of America; New York Academy of Sciences. Address: Department of Mathematical and Computer Sciences, University of Wisconsin, Whitewater, WI 53190, USA. E-mail: baicam@uw.w.edu