Abbe Herzig is an assistant professor of mathematics education in the School of Education at the University at Albany, State University of New York, with an affiliate appointment in the Department of Women's Studies. Her research concerns equity, diversity, and social justice in mathematics and science education at all levels. She conducting 6-year research program, concerning women and students of color in the post-graduate mathematical sciences. The first part of that research entails a series of case studies of graduate programs in which women and people of color have been more successful than has become the norm elsewhere. Beginning next year, she will be begin a study of mothers in mathematics, and how family issues affect women's progress in mathematical careers. She has developed courses and programs to help diverse populations of young people discover the relevance of mathematics and science to their interests and realities. She worked for 12 years as a statistician, much of that time for Consumers Union, the publisher of *Consumer Reports* magazine.

Through participating in this workshop, I hope we will develop a community of people who are concerned about, and working on, issues confronting women in mathematics. Further, my research directly addresses the experiences of women and people of other underrepresented groups in mathematics. I hope that my interactions with other workshop participants will help me focus that research on important priorities for women.

Malgorzata Dubiel

I received a PhD from the University of Warsaw (in Mathematical Logic and Set Theory), and worked there as an Assistant Professor for 5 years. After moving to Canada, I got a teaching position (presently a Senior Lecturer) in the Department of Mathematics, Simon Fraser University. During my work here, my interests shifted to mathematics education. I have been involved with several organizations: CMESG, CMS, and PIMS. I was a chair of the CMS Committee for Women in Mathematics for four years; during this time I've initiated workshops for women graduate students in Mathematics, named Connecting Women in Mathematics Across Canada.

Expectations from this workshop:

I hope that we will look at where we (women in mathematics) are now, and what issues are there that need to be addressed. While there is a lot of good will to improve situation for women and climate in departments of mathematics, there is a need for strategies how to do this.

Clara Garza

Undergraduate studies in Mexico, math, at UNAM.
Masters and PhD from Courant Institute (Math).
Tenured at UNAM, I do reasearch and teaching.

I am married and have 2 children.

Maria del Carmen Jorge, born in Merida, Yucatan. Got a B.S. degree in mathematics at the University of Yucatan, a M.S. in the CINVESTAV in Mexico city. Worked 2 years at the University of Yucatan then went to New Mexico where received a Ph. D. in applied mathematics at the University of New Mexico. Since 1985 is a professor at the Institute of Applied Mathematics (IIMAS) at the National University of Mexico (UNAM).

I am interested in improving the working conditions for women in mathematics.

Barbara Lee Keyfitz is Director of the Fields Institute for Mathematical Sciences, for the period 2004-2007. She is also John and Rebecca Moores Professor of Mathematics at the University of Houston.

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.

TAYLOR, JEAN E. Professor of Mathematics Emerita, Rutgers Univ, New Brunswick, NJ
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A.B. Mount Holyoke College, 1966: Phi Beta Kappa, summa cum laude, first in class
M.Sc. (in Physical Chemistry), University of California, Berkeley, 1968
M.Sc. (in Mathematics), University of Warwick, England, 1971
Ph.D. (in Mathematics) Princeton University, 1973

Instructor, MIT, 1972-73
Rutgers University: Assistant Professor, 1973/77; Associate Professor, 1977/82;

Professor, 1982/87; Professor II, 1987 - 2002; Professor Emerita, 2002-present
Member, Institute for Advanced Study 1974/75, 1977/78, 1985, 1995/96
Visitor, Princeton University, 1980/81; Stanford University, 1989
Miller Institute Visiting Professor, UC Berkeley, 1999
Visiting Research Scholar, Center Theor and Comp. Mat. Sci., NIST, 1999

Selected professional activities (out of over 70):

President, Association for Women in Mathematics, 1999-2001
Trustee, Amer. Math. Soc., 2002-2007 (Vice President 1995-97, member of Exec Committee 1985-89)
Member, Board of Directors, International Mathematics Olympiad 2001 Inc. 1998-2001
Member, Board of Directors, Amer. Assoc. for the Advancement of Science, 1995-1999
Member, Board of Directors, Black Rock Forest Consortium, 2000-
Member, Board of Directors, Association of Princeton Graduate Alumni, 1999-2003
Member, Research Board, American Institute for Mathematics, 2002-

Listed in Who's Who in America, 2002-present
Honorary D.Sc., Mount Holyoke College, 2001
Fellow, American Academy of Arts and Sciences
Fellow, Association for Women in Science
Fellow, American Association for the Advancement of Science
Rutgers College Class of 1962 Presidential Public Service Award
Earle Raymond Hedrick Lecturer, Mathematical Association of America, 1998
Alfred P. Sloan Fellow, 1976/78
NSF Graduate Fellow, 1966/72; Woodrow Wilson Fellow (Honorary), 1966/67

Editorial Boards: Experimental Mathematics, Interfaces and Free Boundaries.
Author of over 100 publications and 300 invited lectures, in US and international.
Guest expert on 3-2-1 Contact (Children's Television Workshop) "Surfaces" week.
Appeared in the film "Soap Bubbles" (1986 Venice Biennale, on TV in Italy & Japan)
Articles about Prof. Taylor have appeared in Science News (1975, 1987, 1988, 1989),
Ivars Peterson's books "The Mathematical Tourist" and "Islands of Truth," Cray
Channels, MAA Focus, Science (1992), Scientific American (Oct 19993, Nov 1993),
The Scientist (1993), Math Horizons (1994), The College Mathematics Journal,
Mathematical People vol. 3, Notable Women in Mathematics, What's

Happening in the
Mathematical Sciences vol 1, Pam Davis's Poster Project.

Research focuses on the effects of surface free energy on the shapes of crystals,
individually and in polycrystalline materials, and both in equilibrium and in evolution under various kinetic laws. Solved the 100-year-old problem of the structure of singularities in soap-bubble clusters and films, the isotropic version of the equilibrium structure of polycrystals. Also writes and lectures
on current issues concerning women in mathematics.

Mother/step-mother of three mathematicians; older two are married to mathematicians.