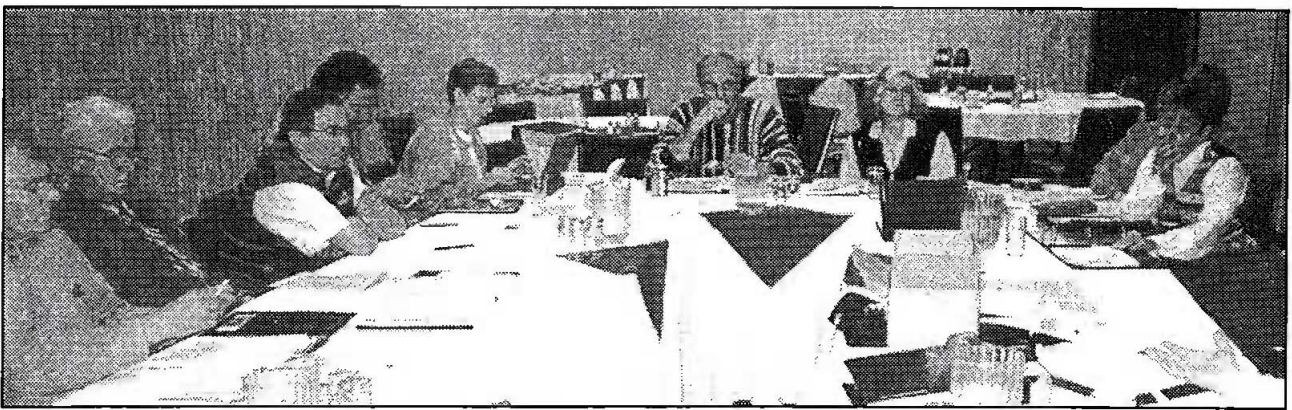


# Your MCATA Executive at Work

The MCATA executive meets several times during the year. Meetings commence Friday evening and continue all day Saturday. Agenda are filled with many challenging items that keep the executive focused not only on its immediate tasks but also on its overall mission, which is providing leadership to encourage the continuing enhancement of teaching, learning and understanding mathematics. General members are encouraged and invited to take an active

role in achieving our mission. Please contact any executive member with your ideas, proposals and suggestions. The following pictures were taken at the executive meeting September 18–19, 1998.

**Note:** The following MCATA executive members were present at the meeting but are not shown in the pictures: Bob Michie, 1998 conference chair; Rick Johnson, director; and Carol Henderson, PEC liaison.



*(l-r) Dick Pawloff, webmaster; Art Jorgensen, newsletter editor; Dale Burnett, faculty of education representative; Doug Weisbeck, treasurer; Donna Chanasyk, secretary; David Jeary, ATA staff advisor; Cynthia Ballheim, president; Florence Glanfield, past president; Geri Lorway, vice president.*



*(l-r) Elaine Manzer, director; Sandra Unrau, director; Graham Keogh, director; Lorraine Taylor, director; Daryl Chichak, Alberta Education representative and membership director; Dick Pawloff, webmaster.*

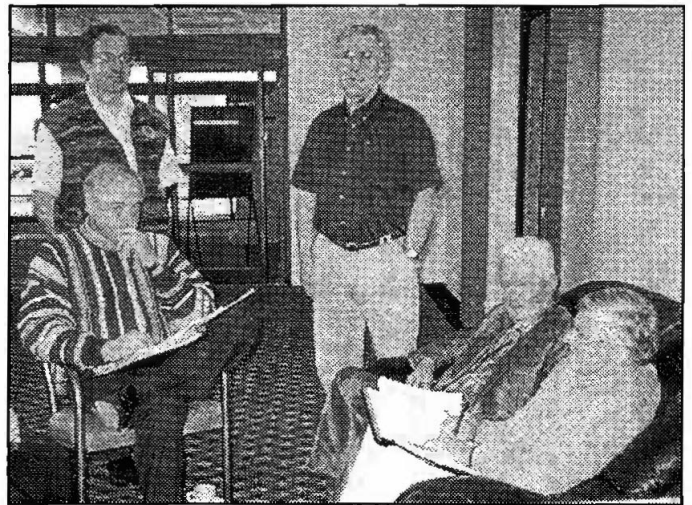




*(l-r) Lorraine Taylor, Betty Morris (vice president), Daryl Chichak and Donna Chanasyk discuss public relations issues facing MCATA.*



*Two new members join the executive!  
(l-r) Geri Lorway, principal of Iron River School, and Lorraine Taylor, Grade 9 mathematics teacher at Gilbert Patterson Community School in Lethbridge.*



*(l-r) Dale Burnett, David Jeary (seated), Klaus Puhlmann (journal editor and 1999 conference chair), Art Jorgensen and Dick Pawloff discuss publication issues.*



*(l-r) Geri Lorway, Elaine Manzer, Cynthia Ballheim and Graham Keogh discuss professional development issues for mathematics teachers.*



# 12<sup>th</sup> Semi-Annual Alberta Mathematics Leaders' Symposium

The Semi-Annual Alberta Mathematics Leaders' Symposium has become a major professional development activity for mathematics teachers in Alberta. A record crowd attended this 12<sup>th</sup> symposium, which was held October 22, 1998, in Calgary just prior to the NCTM Canadian Regional Conference.

The symposium is organized jointly by MCATA and Alberta Education, and it deals with a wide range of topics relevant to the Alberta mathematics curriculum. The program for this symposium included a keynote address by Rita Janes, Canadian

director of the National Council of Supervisors of Mathematics (NCSM); presentations on classroom assessment; Alberta Education updates on pure/applied mathematics, resource development and curriculum implementation timelines; a presentation by Nola Aitken, University of Lethbridge, on pre-service teachers' mathematics ability; a panel discussion on professional development; and sharing sessions.

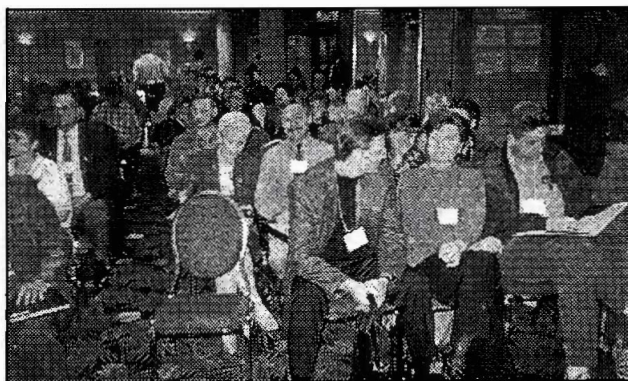
The following pictures have attempted to capture images from this symposium.



*Rita Janes, NCSM Canadian director, delivers her keynote address.*



*Rita Janes, NCSM Canadian director, and Betty Morris, symposium cochair and MCATA vice president.*



*Symposium delegates were attentive to the speakers.*



*(l-r) Debbie Duvall, Alberta Education, and Betty Morris, MCATA vice-president, shared leadership duties for the symposium.*



*Kathy McCabe and Ron Zukowski, Alberta Education, present "Assessment in the Mathematics Classroom."*

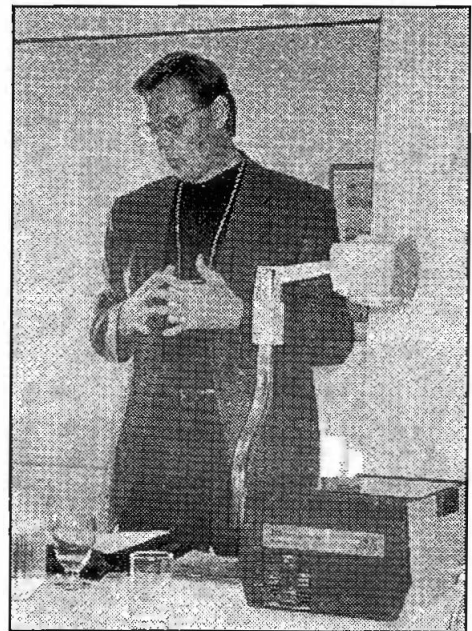
Technology in the mathematics classroom was the focus of a panel discussion.



*Graham Keogh, math teacher, Notre Dame School, Red Deer*

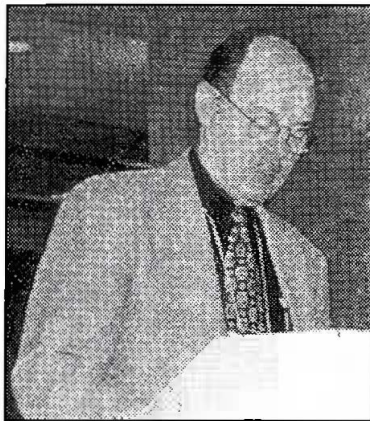


*Trevor Meister, math/technology consultant, Edmonton Public Schools*



*Carl Hauserman, principal, George Davison School, Medicine Hat*





*Hugh Sanders, Alberta Education, presents the Alberta Education update on mathematics.*

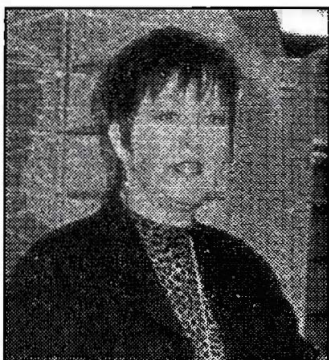


*Cynthia Ballheim, MCATA president, gave some closing remarks.*



*Nola Aitken, University of Lethbridge, presents "Preservice Teachers' Mathematics Ability: Is it Good Enough to Teach Elementary and Junior High School Mathematics?"*

"How can we meet our professional development needs?" was the question at the centre of this panel discussion.



*Wendy Fox, director of curriculum, Lethbridge School District No. 51*



*Louise Beerman, executive director, Southern Alberta Professional Development Consortium*



*Dorothy Negroportes, curriculum and instruction coordinator, Chinooks' Edge Regional Division No. 5*



# 1998 NCTM Canadian Regional Conference

"Mathematics Education: Living the Challenge," was the theme of the 1998 NCTM Canadian Regional Conference, held October 23–24 in Calgary. The following is a potpourri of images from the conference.



*George Ditto, conference cochair, opened the conference.*



*Some friends of MCATA, with MCATA President Cynthia Ballheim in the foreground.*



*Glenda Lappan, NCTM president, gave the opening address.*



*Bob Michie, conference cochair, led the opening session.*



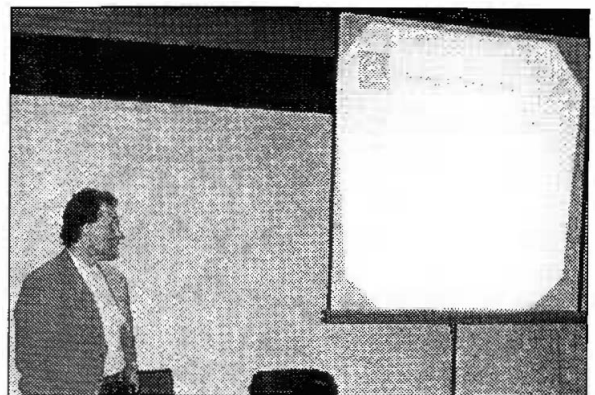
*Art Jorgensen, MCATA newsletter editor, makes last-minute preparations for his presentation.*



*Cynthia Ballheim, MCATA president, announces the recipients of the Friends of MCATA recognition.*



*Sue Ditchburn delivering her keynote address, "44.722<sup>2</sup> and Beyond: Issues in Mathematics Teaching and Learning."*

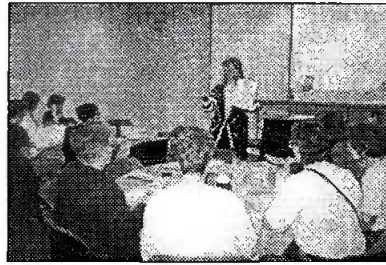


*Ron Lancaster talking about "Revising the NCTM Standards for Year 2000 and Beyond."*





*(l-r) Bobbie Hanson and Elaine McInnes dealt with statistics and probability at the primary level.*

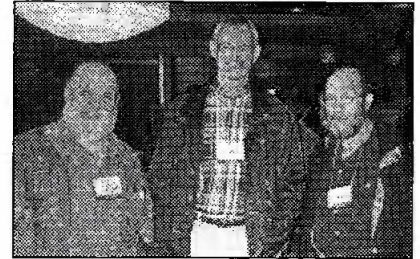


*Shannon Lorenzo-Rivero kept teachers motivated with a session on mathematizing art at the elementary level.*

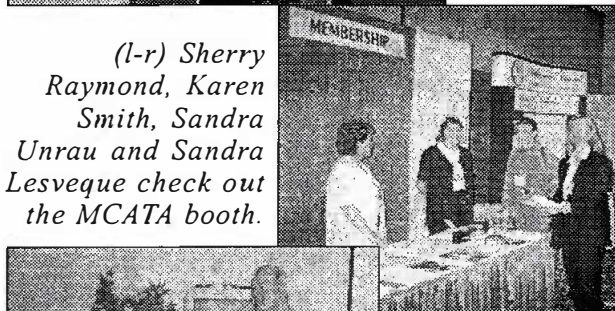


*Daryl Chichak works with teachers on the use of manipulatives in the classroom.*

*(l-r) Gary Nichols and Rick Armstrong, mathematics teachers from Grande Yellowhead Regional*



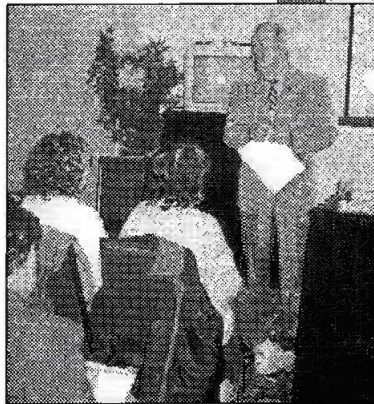
*Division No. 35, and Ken Joseph, mathematics teacher from the Calgary Board of Education.*



*(l-r) Sherry Raymond, Karen Smith, Sandra Unrau and Sandra Lesveque check out the MCATA booth.*

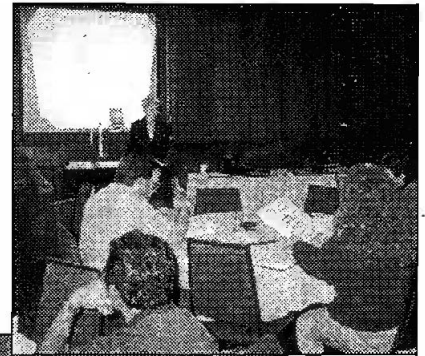


*Ian deGroot presented "Mathematics Vignettes: Applications that Inspire Classroom Lessons."*

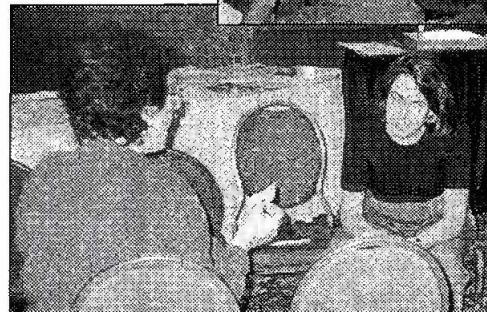
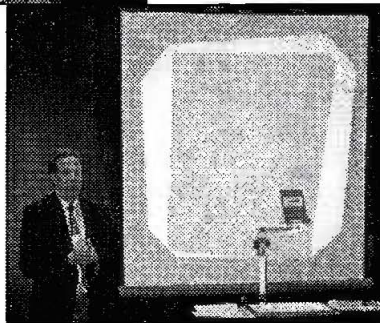


*Werner Liedtke spoke about the importance of fostering the development of number sense.*

*Marie Hauk spoke about topological concepts and networks that are now part of the Western Canadian Protocol.*



*Ralph Connelly presented "Probability Panorama: Flip, Spin and Roll Your Way to the Understanding of Concepts of Chance."*



*Nancy Moore offered a hands-on session on assessment in the integrated curriculum.*