

M C A T A
SPEAKERS' LIST

Ray Cleveland

Mr. Cleveland, University of Calgary, is the Faculty Representative on the MCATA Executive.

The purpose of this list is to provide a source of available speakers classified according to general and specific topics as well as a recommended type of audience. Interested groups should contact the speaker directly, and all details of arrangements should be planned to the mutual satisfaction of the speaker and the group.

Many outstanding talents backed up by years of study and experience are represented on this list. We hope that it will be put to good and frequent use.

Aggarwala, B.D., Department of Mathematics, The University of Calgary, Calgary.
Topics in applied mathematics - for example, "What is Applied Mathematics?" Senior high school students and/or teachers.

Anderson, Bernice, mathematics consultant, Calborne Junior High School, Calgary.
Topics in junior high mathematics curriculum and instruction. Junior high school teachers.

Anderson, Ruby, teacher and consultant in mathematics, Vincent Massey Jr. High School, Calgary.
Topics in junior high school mathematics. Junior high school teachers.

Armour, Carole, Senior High Mathematics Curriculum Committee, Ernest Manning High School, Calgary.
Topics in senior high school mathematics curriculum and instruction. Senior high school teachers.

Atkinson, Tom, Faculty of Education, University of Alberta, Edmonton.
"Number Systems"; "Problem Solving". Secondary school teachers.

Beaton, Mary, Faculty of Education, The University of Calgary, Calgary.
Topics in mathematics curriculum and instruction; K-12. Teachers.

Bruns, A., assistant superintendent, Lacombe County schools, Lacombe.
Topics in elementary mathematics curriculum. Elementary teachers.

Bye, Marshall P., junior and senior high school mathematics consultant, Calgary Board of Education, Calgary.
Topics in secondary school mathematics curriculum and instruction. Secondary school teachers.

Freedman, H.I., Department of Mathematics, University of Alberta, Edmonton.
Topics in mathematics - for example, "Large Numbers", "What Are the Odds?", "How Many Equations Are There?"

Gibb, A.A., associate dean, Faculty of Education, The University of Calgary, Calgary.

Topics in mathematics education. Any interested group.

Guy, R.K., head of Mathematics Department, The University of Calgary, Calgary.
Number theory - for example, "Primes", "Unsolved Problems". Combinatorics - for example, "Graph Theory". Game theory - for example, "Nim-like Games", "Fibonacci Numbers", "Problems in the Teaching of Mathematics". Secondary teachers and/or students.

Harrison, D.B., Faculty of Education, University of Alberta, Edmonton.
Contemporary learning theories and math (secondary) learning (Piaget, Bruner, Dienes, Skemp). Reflective intelligence and mathematics learning. Secondary teachers.

Holland, A.S.B., Department of Mathematics, The University of Calgary, Calgary.
Topics in Geometry and Calculus. "Geometry in the High School System", "Geometry in the University". Teachers of mathematics.

Jago, Olive, head, Mathematics Department, Henry Wise Wood High School, Calgary.

Topics in secondary school mathematics curriculum and instruction. Secondary school teachers.

Keeping, E.S., Department of Mathematics, University of Alberta, Edmonton.
Topics in mathematics - for example, "Taking a Chance." Secondary teachers and/or students.

Kieren, T.E., Faculty of Education, University of Alberta, Edmonton.
"The Computer in Mathematics Learning and Teaching", "Creative Problems in Mathematics", "Very Elementary Functions", or "Functions - How and Why?"

Lancaster, Peter, Department of Mathematics, The University of Calgary, Calgary.
Topics in mathematics - for example, "Can it be Calculated?" Secondary school students and/or teachers.

Lindstedt, S.A., head, Education Curriculum and Instruction, Faculty of Education, The University of Calgary, Calgary.
Topics in mathematics education. Any interested group.

Macki, J.W., Department of Mathematics, University of Alberta, Edmonton.
Topics in mathematics as arranged.

Milner, E.C., Department of Mathematics, The University of Calgary, Calgary.
Topics in set theory or graph theory - for example, "Arithmetic of Infinite Numbers". Grade XII students or high school teachers.

Nainpally, S.A., Department of Mathematics, University of Alberta, Edmonton.
Topics in mathematics - for example, "Light-hearted Approach to Topology". Secondary school mathematics students.

Nelson, L.D., Faculty of Education, University of Alberta, Edmonton.
Topics in mathematics education - for example, "Concept Development in Primary Mathematics". Elementary school teachers.

Neufeld, K.A., Faculty of Education, University of Alberta, Edmonton.
Topics in mathematics education - for example, "Structured Math Teaching - Bruner and Bloom". Secondary school mathematics teachers.

Peck, J.E.L., Department of Mathematics, The University of Calgary, Calgary.
Topics in computer science - for example, "Computer Languages", "Training for a Career in Computer Science". Secondary school mathematics students.

Phibbs, E., Department of Mathematics, University of Alberta, Edmonton.
Topics in mathematics as arranged. Secondary school students and/or teachers.

Radomsky, Ron, Ernest Manning High School, Calgary.
Administrative problems related to secondary school mathematics. Mathematics for the low achiever. Secondary teachers and/or administrators.

Rogers, I., Department of Mathematics, University of Alberta, Edmonton.
Topics in mathematics - for example, "Inequalities", "Group Theory", "Basic Calculus", "Elementary Game Theory", "Elementary Optimization Problems". Grade XII mathematics students and/or mathematics teachers.

Sagney, B.N., Department of Mathematics, The University of Calgary, Calgary.
Topics in convergence of series - for example, "Series Expansion and Their Convergence". Grade XII mathematics students and/or mathematics teachers.

Sawada D., Faculty of Education, University of Alberta, Edmonton.
"Computers in Elementary School Mathematics". Teachers (and/or administrators).

Sigurdson, S.E., Department of Secondary Education, Faculty of Education, University of Alberta, Edmonton.
"Secondary School Mathematics Curriculum", "Discovery Teaching". Mathematics teachers.

Strickland, Roy, elementary consultant, Calgary Public School Board, Calgary.
Topics in Teaching Elementary Mathematics". Elementary teachers.

Ursell, H.D., Department of Mathematics, The University of Calgary, Calgary.
Topics of interest to teachers of mathematics - for example, "Complex Numbers and Trigonometry", "Cardinals (and Ordinals)". Teachers of mathematics.

Williams, Royce, Harold Panabaker Jr. High School, Calgary.
Topics in junior high school mathematics curriculum. Junior high school teachers.