MORE THAN JUST NUMBERS

CHRISTIANE ROUSSEAU
MATHEMATICS PROFESSOR

PRESIDENT OF THE CANADIAN MATHEMATICAL SOCIETY 2002-2004

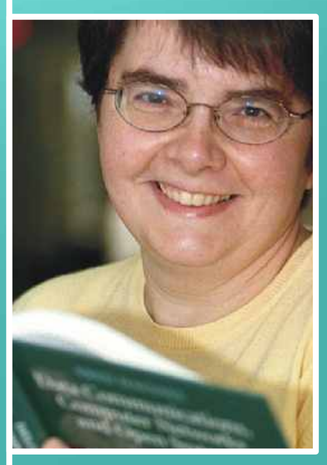
"Mathematics is all around us: thousands of ideas, thousands of faces."

AS A PROFESSOR AT THE UNIVERSITÉ DE MONTREAL I DO RESEARCH IN DYNAMICAL SYSTEMS, SYSTEMS EVOLVING IN TIME. I ENJOY WORKING WITH STUDENTS AND FUTURE TEACHERS TO MAKE THEM AWARE OF THE APPLICATIONS OF MATHEMATICS WHICH SURROUND US."

"I INVITE YOU TO MEET A COLLECTION OF CANADIAN MATHEMATICIANS AND SEE THE WORK THEY DO,PEOPLE FOR WHOM MATHEMATICS IS A PASSION AND AN ART OF LIVING." CAREERS PROFILES CAN BE VIEWED AT:

www.careers.math.ca

BRIGITTE JAUMARD
OPERATIONS RESEARCH



"For me, mathematics is a working tool, ... a tool that allows me to explore new domains..."

"I CURRENTLY WORK ON A VARIETY OF PROBLEMS IN TELECOMMUNICATIONS (NETWORK OPTIMIZATION, FREQUENCY ASSIGNMENT, ROUTING IN SATELLITE NETWORKS), CHEMICAL ENGINEERING (CONTROL OF PULP WASHERS IN THE PAPER INDUSTRY), ARTIFICIAL INTELLIGENCE (REASONING UNDER UNCERTAINTY), HEALTH MANAGEMENT (DIAGNOSIS CLUSTERING SYSTEMS, EFFICIENCY MEASUREMENT), AND MORE."

DAVIDSON HEATH
RISK ANALYSIS

"Math to me is a field more creative than any other."

"I'M RESPONSIBLE FOR RISK MANAGEMENT POLICY AND MODELS RELATED TO COMMODITIES AT BMO. MORE AND MORE THE BUSINESS WORLD IS RECOGNIZING THAT RISK MANAGEMENT AND RISK MODELLING ARE A FUNDAMENTAL PART OF MODERN FINANCE AND A POWERFUL STRATEGIC TOOL."

JOHN FYFE
CLIMATOLOGY

"My own work ... frequently involves mathematical principles and tools that I acquired as an undergraduate student in Mathematics."

"I CONDUCT RESEARCH IN CLIMATE MODELLING, VARIABILITY AND PREDICTABILITY. THE OVERALL PURPOSE OF THE RESEARCH IS TO UNDERSTAND ATMOSPHERIC AND OCEANIC CHANGES THAT HAVE OCCURRED IN THE PAST, AND TO PREDICT CHANGES THAT MIGHT OCCUR IN THE FUTURE."

NATHALIE SINCLAIR
MATHEMATICS EDUCATION

"What I enjoy most about Mathematics is seeing patterns and structures ..."

"... I REALLY FEEL THAT I LEARNED MOST ABOUT MY MATHEMATICS WHILE TEACHING MIDDLE SCHOOL STUDENTS. AS I LOOKED FOR RESOURCES AND IDEAS I DISCOVERED ALL THIS EXCITING MATHEMATICS ON THE INTERNET, LIKE FRACTALS, TOPOLOGY, CRYPTOGRAPHY AND MUCH MORE."

MATHEMATICIANS @WORK!

WHERE WILL YOUR IDEAS LEAD?

The background graphic was devised by Nathalie Sinclair to explore an unsolved problem concerning triangles. To learn about this problem go to MathCentral.uregina.ca/graphic/

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www.b-creative.ca/design

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