

1. **Rachel Kuske**, Professor, UBC Department of Mathematics



<https://www.math.ubc.ca/~rachel/RK's%20HomePage/Home.html>

Dr. Rachel Kuske is a Professor of Mathematics at the University of British Columbia and she held a Canada Research Chair in Applied Mathematics 2002-2012 and was the Department Head from 2007-2011. In 2011 she was appointed as the Senior Advisor to the Provost on Women Faculty. She has research interests in applied stochastic dynamics and nonlinear modeling with applications in biology, engineering, and climate systems.

Dr. Kuske has worked with a variety of mathematical institutes and professional organizations in applied mathematics and has been expert and mentor for events covering topics from industrial mathematics to women in mathematics. She was awarded the Canadian Mathematical Society's Krieger-Nelson prize in 2011 and the Association for Women in Mathematics Service Award in 2013.

2. **Karen Kohfeld**, Ph.D., Associate Professor, SFU, and Canada Research Chair (II) in Climate, Resource, and Global Change, and Climate, Oceans, and Paleo-Environments (COPE) laboratory.



<http://www.rem.sfu.ca/people/faculty/kohfeld/>

Dr. Karen Kohfeld is a professor at Simon Fraser University in the School of Research and Environmental Management and she joined as the Tier II Canada Research Chair in Climate, Resources, and Global Change. She is interested in understanding natural variability and biogeochemical linkages within the ocean and climate system, in order to better assess earth system responses to anthropogenic perturbations. Her research focuses on natural and anthropogenic changes in the ocean carbon cycle, the influence of climate and land surface conditions on atmospheric dust, and assessing and adapting to extreme weather conditions in British Columbia. She is a contributing author to the Intergovernmental Panel on Climate Change and the Millennium Ecosystem Assessment.

3. **Caron Strahlendorf, M.D.**, Associate Clinical Professor in the Division of Pediatric Oncology/Hematology/Bone Marrow Transplant, BC Children's Hospital.



<http://www.cfri.ca/our-research/researchers/results/Details/caron-strahlendorf>

Caron Strahlendorf, M.D., Associate Clinical Professor and Head of the Division of Pediatric Oncology/Hematology/Bone Marrow Transplant, BC Children's Hospital

Dr. Caron Strahlendorf's primary area of research is in childhood cancer research. Her current research interests are in hematopoietic stem cells and their role in pediatric solid tumours, bioethics and palliative care. She is site Principle Investigator for the Children's Oncology Group and Co-Chair of the Children's & Women's Hospital's Research Ethics Board. She is currently completing her doctorate at Bath University on Hope and Spirituality in Adolescents with cancer.

4. **Laurel Schafer, Ph.D.**, Professor, Department of Chemistry, UBC



<http://www.chem.ubc.ca/laurel-schafer>

Dr. Laurel Schafer's research interests bridge the areas of organometallic and organic chemistry. She has developed a new class of early transition metal and lanthanide complexes for use in selective carbon-nitrogen and carbon-carbon bond forming reactions. The focus of her research is to develop readily accessed complexes that show promise for practical application in the fine chemical, petrochemical, pharmaceutical and agrochemical industries. The development of these new catalytic systems builds toward the minimization of waste, and the maximization of energy efficiency to result in sustainable methods for chemical transformations. Notably, the metals used for catalyst development are of low toxicity and are targeting Green Chemistry solutions to synthetic challenges.