



AGS DISTINGUISHED SCIENTIST AWARD. GESNER MEDAL - 1995
Dr. Sandra Barr

Dr. Sandra Barr is from St. Stephan, NB. She received her B.Sc. geology degree from the University of New Brunswick in 1968 and a Ph.D. in Marine Geology from the University of British Columbia in 1973. This was followed by a Post Doctoral Fellowship at Dalhousie University from 1973 to 1974. From 1974 to 1976 Sandra worked as a CUSO volunteer in Thailand teaching at Chiangmai University. In 1976 she returned to Canada to teach in the Geology Department at Acadia University.

Sandra's contribution to the onshore geology of Atlantic Canada is almost unparalleled in the modern day. She has been working extensively in the area for two decades and her efforts have covered much of Nova Scotia and New Brunswick. An important addition to Sandra's work is that she has involved many students, thus providing them with an education and lots of valuable experience. Sandra's efforts have not been kept to herself, but she has disseminated this new information in the form of Open File Maps, government reports, many refereed journals of both local and international stature and as oral and poster presentations at meetings on several continents - Sandra could never be accused of keeping data in a file as her long publication record will attest to. In addition, Sandra has tried to decipher the geology of Atlantic Region in the context of modern plate tectonics and terranes - a daring task for any person but she has met the challenge head on. Finally, Sandra's work has been done in a most exemplary fashion. She first does the field work which forms the basis for subsequent geochemical, petrological and geochronological work which involves many internationally recognized geoscientists. Indeed, Sandra has set very high standards and has earned a solid reputation built on hard, productive and very good geoscience.