

AAO Short Bio for KEG

Kamloops Exploration Group

Professional

Allan Offenberger is Professor Emeritus of Electrical & Computer Engineering at the University of Alberta. He received his B.A.Sc. and M.A.Sc. degrees (1962, 1963) from the University of British Columbia and Ph.D. degree (1968) from the Massachusetts Institute of Technology. His research program for more than 40 years was focused on the development of high power lasers and their application to inertial fusion energy research. He has published extensively and given many invited talks at international conferences, universities, government and industrial laboratories as well as to service and other non-governmental organizations in Asia, Europe and North America.

He is a Past President of the Canadian Association of Physicists and has served on many scientific advisory & research grant committees and boards, as a consultant to university, government & industrial institutions and, as a reviewer for research proposals, publications, university appointments & promotions.

Allan has been a guest professor and consultant at, among others: UK Atomic Energy Agency-Culham Laboratory; University of California-Los Alamos National Laboratory; Oxford University-Rutherford Appleton Laboratory; University of California-Lawrence Livermore National Laboratory and; Osaka University-Institute of Laser Engineering (major labs for fusion energy R&D). This involvement has led to the Alberta/Canada Fusion Energy initiative – to build a national capability in this important future energy technology based on strong working linkages with international centres.

Personal

Allan grew up in Penticton, BC and married Marg Patterson of Vancouver. They were blessed with 2 children: Brian Philip (born in Massachusetts 1966) and Gary Allan (born in Alberta 1969). Brian was totally dependent (physical and mental handicaps) from birth and so lived at home (albeit with a diverse program of activities outside the home plus extensive family travel) - bladder cancer claimed him April 2015. Gary is married to Maureen Kennedy and they have 3 children (Kathryn-16, Matthew-14 and Claire-12).

In retirement, they enjoy their grandchildren, reading, live theatre, a good glass of wine, travel (including vineyards) and visiting friends in many countries (Europe, Japan, USA) as well as Canada.

Of course, fusion continues to occupy much of Allan's time (now with the broader context of energy/environment/economy). Allan co-chairs the Alberta/Canada Fusion Energy Program within the Alberta Council of Technologies Society and is a Director of The Canadian Club of Edmonton.

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