

## BIOGRAPHIES



NEIL L. ANDERSON has a B.Sc. in geological engineering, an M.Sc. in crustal seismology and a Ph.D. in seismic stratigraphy. The latter degree, obtained at The University of Calgary, was awarded for his contribution to carbonate seismology.

Neil has written two course manuals entitled Applied Carbonate Seismology and Applied Clastic Seismology respectively and co-authored papers presented and/or published in North America, Europe and Asia. He is coordinating, co-editing and co-authoring the forthcoming CSEG/CSPG geophysical reservoir atlas and will be participating in the upcoming CSPG short course on carbonates. Neil is currently senior geophysicist with Petrel Robertson and a member of the CSEG, SEG and APEGGA.



PETER A. BOWER is Exploration Manager and Consultant, Western Canada and International, at Altana Exploration Co. He received the License ES Sciences from the University of Paris in 1967 and an M.Sc. in 1968 from the University of London, Royal School of Mines.

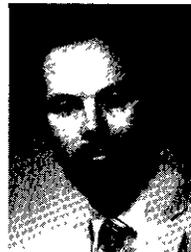
Mr. Bower joined Costain Civil Engineering (England) in 1968 as a management services engineer; the Ministry of Petroleum and Mines (Trinidad and Tobago) in 1970 as a petroleum geologist, and Burmah Oil (Ecuador) in 1971 as an exploration geologist in the Oriente (Amazon).

From 1973 to 1978 he was Division Geologist, Frontiers and Western Canada, with Texaco Canada Ltd.; from 1978 to 1982 he was Exploration Manager, Western Canada and Arctic, with Phoenix Resources Ltd.; and from 1982 to 1984 he was Vice-President, Exploration International, with Oceanic Exploration (Denver). He has been with Altana Exploration Co. since 1984.



JOHN BOYD has been President of Boyd Exploration Consultants Ltd. since 1977. He has worked in Calgary, Sydney and London for Digitech and was employed by Amoco in Calgary. He received a B.A.Sc. in Geophysics from the University of Toronto in 1960.

He received the CSEG best paper award in 1978. He has been Secretary, Second Vice-President, First Vice-President and President of the CSEG. He is a member of the CSEG, SEG and APEGGA.



R. JAMES BROWN is presently an Associate Professor in the Department of Geology and Geophysics at The University of Calgary. His current research interests include topics in reflection-seismic theory and interpretation, earthquake seismology and electromagnetics.

Jim received his B.Sc. (Hons.) in mathematics and physics in 1965 and his M.Sc. in geophysics in 1968 from the University of Manitoba. He then obtained a Ph.D. in seismology from Uppsala University (Sweden) in 1972, at which time he returned to the University of Manitoba as a Post-doctoral Fellow. In 1974 he joined the Norwegian Seismic Array (NORSAR) as a Research Fellow and, in 1975, the University of Luleå (Sweden) as an Assistant Professor where he remained until 1980. In 1978 he took a one-year leave of absence to work as a Research Fellow at the University of Sydney (Australia). In 1980 Jim joined The University of Calgary.

He is a member of the following geophysical societies: ASEG, CSEG, EAEG, EGS, NOFTIG, SEG and SSA; and is currently Editor of the Journal of the CSEG.

DR. G.L. CUMMING received his Ph.D. degree in 1955 from the University of Toronto. He is currently Chairman of the Department of Physics at the University of Alberta in Edmonton.

Dr. Cumming worked with Gulf Oil as a geophysicist from 1955 to 1959. He has been at the University of Alberta since 1959 and has authored over 60 papers on geochronology and crustal seismology.

F. HRON, after graduating from Charles University in Prague with a diploma in Geophysics and a Ph.D. in Physics, joined its faculty in the department of Mathematics and Physics. He moved to Canada in 1969 and spent 4 years in the Department of Physics at the University of Alberta in Edmonton before resigning from his position of Research Associate to join Amoco Canada in Calgary in 1973. Even though he returned to the University of Alberta in 1974, where he is currently a Professor of Physics, he has maintained a close association with Amoco as a consultant to the Amoco Research Center in Tulsa in the fields of seismic numerical modelling and theoretical aspects of seismic oil exploration. He is the author or co-author of more than 50 scientific papers, 25 technical reports for the Amoco Research Center in Tulsa, and has presented over 60 oral communications at various international symposia and at scientific and industrial institutions world-wide. He has also written 8 tutorial texts on various aspects of seismic oil exploration, theoretical seismology, and seismic numerical modelling for undergraduate and graduate students of Geophysics at the University of Alberta, as well as for the participants of the International School of Geophysics in Italy.

He is an active member of the Seismological Society of America, the American Geophysical Union, the Canadian Geophysical Union, the European Geophysical Society, the SEG, the CSEG and the EAEG.



SUDHIR JAIN is a Geophysical Consultant based in Calgary, Alberta. He has specialized in the development and use of advanced data processing and interpretation techniques in seismic and potential field methods. Sudhir Jain received his B.Sc. (Hons.) and M. Tech. in exploration geophysics from the Indian Institute of

Technology, Kharagpur, India in 1958 and 1960 respectively. After one year on a gravity-magnetic field party, he joined the University of Liverpool in England, where he completed his Ph.D. in geophysics in 1964. Papers resulting from his thesis were presented to the European Association of Exploration Geophysicists and he was awarded the Van Weelden Award in 1966. Dr. Jain has published papers on seismic, electrical and potential field methods in Geophysics, Geophysical Prospecting, Journal of the Canadian Society of Exploration Geophysicists, Oil and Gas Journal, etc., and has presented numerous papers in SEG and CSEG meetings since 1972. He was awarded the CSEG Meritorious Service

Award in 1980. He is a member of SEG, CSEG and APEGGA.



ERNEST R. KANASEWICH, B.Sc., M.Sc., Ph.D. (1952, 1960, University of Alberta; 1962, University of British Columbia), is a Professor in the Department of Physics, University of Alberta.

For five years he was associated with Geophysical Service International Corporation in Canada and the Middle East, serving as a seismologist and party chief. In 1963 he joined the faculty of the University of Alberta. He has served as Assistant Chairman and Acting Chairman in the Department of Physics. In 1970 he was Visiting Associate at the Seismological Laboratory, California Institute of Technology. He has been associated with the Lithoprobe project as a member of the Steering Committee. He is the University of Alberta board representative on the Super Computer Management Advisory Board.

Dr. Kanasewich was President of the Geophysical Society of Edmonton in 1966. He is a member of the SEG, AGU and SSA, was elected a Fellow of the Royal Society of Canada in 1976 and is an Honorary member of the CSEG.



NICHOLAS A. KEEHN graduated from York University (Toronto) in 1983 with a B.Sc. degree. He received his M.Sc. in Geophysics from the University of Alberta (Edmonton) in 1987. Over the past years he has been involved in borehole pulse E.M. studies with the Department of Energy Mines and Resources,

Canada (Ottawa), and radiometric borehole logging with McPhar Geophysics (Toronto). Recently he has been involved in a magnetotelluric study conducted in the Rocky Mountain Trench, in addition to his work on attenuation of seismic energy. Mr. Keehn is a member of the American Geophysical Union.



E.S. KREBES received a B.Sc. (Hons.) in physics from the University of Alberta, an M.Sc. in physics from the University of British Columbia, and a Ph.D. in physics, with specialization in geophysics, from the University of Alberta. After working for Amoco Canada for about a year, he joined The University of

Calgary's Department of Geology and Geophysics in 1980, where he is now an Associate Professor of Geo-

physics. His research interests involve the theoretical and computational aspects of seismology, in particular, the reflection and transmission of seismic waves in non-ideal media, the propagation of seismic waves in anelastic media, and the computation of synthetic seismograms. He is a member of the Canadian Society of Exploration Geophysicists, the Canadian Geophysical Union, the Canadian Association of Physicists, the Society of Exploration Geophysicists, and the Association of Professional Engineers, Geologists and Geophysicists of Alberta.



**COSTAS G. MACRIDES** graduated from the University of Athens in 1980 with a B.Sc. (Hons.) in Physics. He then attended the University of Alberta where he was granted an M.Sc. and a Ph.D. in geophysics in 1983 and 1987 respectively. He then joined the Department of Geological Sciences at the University of Manitoba

where he is currently an assistant professor of Geophysics.

His research interests include the application of seismic methods for monitoring enhanced oil recovery processes, seismic tomography, crustal studies and earthquake prediction.



**DR. MOSTAFA SHAHRIAR** received his B.Sc. (Hons.) and M.Sc. degrees in physics from the University of Chittagong, Bangladesh, in 1975 and 1976, respectively. He served as a Lecturer of Physics at the same University from 1977 to 1980. He joined the graduate program in Geophysics at the University of Alberta

in the fall of 1980. He successfully completed the M.Sc. and Ph.D. degrees from the University of Alberta in 1982 and 1987, respectively. Dr. Shahriar's research interests include crustal seismology, seismic-wave propagation and development of computer software for seismic applications.