

## BIOGRAPHIES



EVSEN AYDEMIR graduated in the spring of 1995 from The University of Calgary with a double-major in geology and geophysics. Upon graduation, she was awarded the APEGGA gold medals in both disciplines. She has worked as a geophysics and a geology summer student with Norcen Energy Resources and Canadian Hunter, respectively. She

has also spent several months on staff with the CREWES Project at The University of Calgary. In January, 1996, she began a Master's program at Queen's University.



R. DENNIS BJERSTEDT received a B.Sc. degree in mathematics and engineering from Queen's University in 1969. He joined Amoco Canada Petroleum Co. Ltd. in 1969 as a geophysicist and continued in various positions with that company until 1992. He is currently President of Irotas Engineering Ltd.

where he concentrates on research for and development of Motif software for graphics optimization and geophysical interpretation on UNIX workstations.



MICHAEL J.A. BURIANYK received B.Sc. degrees in physics (1981) and geophysics (1982) and an M.Sc. in geophysics (1988) from the University of Saskatchewan. In 1994 he earned his Ph.D. in geophysics from the University of Alberta where he is currently a Postdoctoral Fellow. Before pursuing postgraduate work he worked

for AMOK Ltd. exploring for uranium and for BP Canada Exploration and Saskoil in petroleum exploration. During his time as a graduate student, he has been primarily involved with LITHOPROBE projects, having planned a major seismic refraction experiment in British Columbia as well as several portions of the Alberta Basement Transect seismic reflection program. His main interest is in exploration seismology for studying the crust and lithosphere. He also has interests in the relationship between seismic and other geophysical measurements and in the analysis of teleseismic data. Dr. Burianyk is a member of the CSEG, CGU and AGU.



HAI-MAN CHUNG graduated with a B.Sc. from the University of Lowell in 1974 and an M.Sc. from the University of Toronto in 1976, both in physics. He received an MBA degree in 1988 and a Ph.D. in geophysics in 1995, both from The University of Calgary. He worked as a processing geophysicist from 1976 to 1980 and as an interpretation geophysicist from 1980 up to the present. His main interests are in the delineation of thin clastic reservoirs.

M. CHUNG, biography unavailable.



GILBERT DUBUC received a B.Sc. (Honours) in geophysics (geological) in 1992 from the University of Western Ontario and an M.Sc. in geophysics in 1994 from the University of Alberta. From 1990 to 1993, he worked at various geophysical and geological related summer jobs such as EM and magnetic surveying (Asarco Exploration), geo-

logical mapping (University of Western Ontario) and oil and gas exploration (Norcen Energy Resources Ltd.). In 1994, he accepted a full-time position at Norcen Energy Resources Ltd. He has acquired experience exploring for hydrocarbons in several different areas such as the Peace River area (granite wash plays), northeastern British Columbia (deep Devonian carbonates) and in the east of the Neuquen Basin, Argentina (Cretaceous clastics). He is currently exploring for Mannville oil and gas in northeastern Alberta. He is a member of the CSEG and SEG.

KEN DUCKWORTH, see biography and photograph in December 1993 *Canadian Journal of Exploration Geophysics*, Vol. 29, p. 452.

SAMUEL H. GRAY received a B.S. from Georgetown University and a Ph.D. from the University of Denver. Before joining Amoco in 1982, he was a research scientist at the Naval Research Lab in Washington, D.C. and a member of the faculty of General Motors Institute (now GMI Institute) in Flint, Michigan. From 1982 until 1994, he was at Amoco Production Company's Research Lab in Tulsa (now Amoco Exploration and Production Technology's Tulsa Technology Center). He is presently a geophysical consultant in Amoco Canada's exploration department, developing and applying advanced seismic imaging and velocity analysis techniques.



J.W. HASLETT received a B.Sc. degree in electrical engineering from the University of Saskatchewan in 1966 and M.Sc. and Ph.D. degrees from The University of Calgary in 1968 and 1970, respectively. Subsequently, he joined the Department of Electrical Engineering at The University of Calgary, where he is currently Professor and Head of the Department. From

1970 to 1975, his main research interest was in the area of noise mechanisms in solid-state devices. Since 1975, his interests have shifted to low-light level CCD imagers for spacecraft applications, high-frequency RC active filters for telecommunications applications, specialized instrumentation systems related to drill-stem testing of oil and gas wells, and the design of analog and digital VLSI circuits.



F. HRON graduated from Charles University in Prague with a diploma in geophysics in 1961 and a Ph.D. in physics in 1967. He spent eight years on the faculty in the Department of Mathematics and Physics at Charles University before coming to Canada in 1968. With the exception of the year 1973/1974 when he was working as a

Senior Staff Geophysicist at Amoco Canada, Dr. Hron has been associated with the University of Alberta, where he is currently a Professor of Physics. He has written over 70 scientific papers and 27 technical reports for the Amoco Research Center in Tulsa for which he was a consultant from 1972 until 1992. He was elected Fellow of the Royal Astronomical Society in 1987 and was awarded a major research prize by the Russian Academy of Sciences in 1993 for the discovery of  $S^*$  waves and subsequent development of its theory. Dr. Hron's interests include theoretical seismology, computational seismology, seismic numerical modelling and computer inversion of seismic data. He is a member of the SEG, CSEG, AGU, CGU, SIAM, EAEG and the Seismological Society of America.

RONALD H. JOHNSTON received a B.Sc. from the University of Alberta and a Ph.D. from the University of London in 1961 and 1967, respectively. He joined Canadian General Electric in 1961, working chiefly on television transmitting antennas. In 1962 he went to Imperial College, England, on an Athlone Fellowship to work on high-frequency transistor circuits. This work continued at Queen's University, Belfast, where he went in 1964. In 1967 he joined the R&D Labs, Northern Electric (now known as BNR) in Ottawa, working on the development of microwave repeaters. In January 1970, he joined the Department of Electrical Engineering at The University of Calgary, where he is now a Professor. His research interests include microwave moisture measurement, subsurface EM propagation and high-frequency semiconductor circuits.



MICHAEL M. JONES received a B.Sc. in physics from the University of Bristol and an M.Sc. in physical oceanography from UCNW, Bangor. From 1984 to 1987 he was employed by Seismograph Service Corp. and from 1987 to the present by Schlumberger of Canada. His interests are shear waves, integration of logs and borehole/surface seismic data sets. He is a member of the SEG, CSEG and APEGGA.

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FOTIS KALANTZIS received a B.Sc. (Honours) in physics from the Aristotle University of Thessaloniki, Greece in 1985 and an M.Sc. in geophysics from the University of Saskatchewan in 1990. In 1994, he received a Ph.D. in geophysics from the University of Alberta. He has been involved in magnetotelluric, GPR and seismic projects.

He worked for Mobil Oil Canada during the summers of 1990 and 1991 in seismic acquisition and exploration projects. He is currently a geophysicist with Anderson Exploration Ltd., formerly Home Oil Company, in Calgary. His current interests include 3-D seismic imaging and modelling, reservoir characterization, 3-D seismic monitoring for EOR projects and seismic applications on parallel computers. He is a member of the SEG, CSEG, CGU, APEGGA and EAEG.



ERNEST R. KANASEWICH received a B.Sc. in physics in 1952 and an M.Sc. in 1960, both from the University of Alberta. His Ph.D. in geophysics was obtained in 1962 from the University of British Columbia, Department of Physics. From 1952 to 1956 he was a geophysicist with Geophysical Service International Corp. and from 1969 to

1970 a Research Associate Professor at the California Institute of Technology. From 1963 to the present time, he has been at the Physics Department of the University of Alberta where he has served as Assistant Chairman from 1969 to 1973, acting Chairman from 1973 to 1974 and Chairman from 1991 to the present. In 1975, he was elected Fellow of the Royal Society of Canada. He holds Honorary Life Memberships in both the Canadian Society of Exploration Geophysicists and the Society of Exploration Geophysicists. The Canadian Geophysics Union has honoured him with the J. Tuzo Wilson Medal in 1988 as well as having appointed him to be their Distinguished Lecturer in 1990. At the University of Alberta, he was awarded the McCalla Professorship in 1989-1990 and the Killam Annual Professorship in 1995-1996. Besides being the author or co-author of over 120 scholarly papers he has written two books, including the classic *Time Sequence Analysis in Geophysics*. To date, Professor Kanasewich has supervised twenty Ph.D. dissertations and fourteen M.Sc. theses. Dr. Kanasewich's interests are in seismology, studies of the lithosphere, time series analysis and exploration geophysics. He is a member of the CSEG, SEG, CGU, AGU, SSA and APEGGA.

A. KLASSEN obtained B.Sc. and M.Sc. degrees in electrical engineering from The University of Calgary in 1981 and 1984, respectively. From 1984 to 1986 he worked on charge-coupled device imagers at Instar Ltd. He is currently employed as a software specialist with Q-Sound Inc., Calgary.

ED KREBES, see biography and photograph in December 1993 *Canadian Journal of Exploration Geophysics*, Vol. 29, p. 453.

DON C. LAWTON, see biography and photograph in June 1993 *Canadian Journal of Exploration Geophysics*, Vol. 29, p. 395.

JEAN-FRANCOIS LEMIEUX is a student in the engineering physics program at Université Laval in Quebec City. During the summer of 1994 he was an NSERC summer researcher in the Department of Physics, University of Alberta.



KURT MARFURT received an A.B. from Hamilton College in 1973 and an M.S. and Ph.D. from Columbia University in 1975 and 1978, respectively. From 1978 to 1981, he was on the faculty of the Department of Mining at Columbia and from 1981 until the present he has been a research scientist with the Exploration and Production Technology Group at Amoco. In 1987, he received the Outstanding Presentation Award at the SEG Annual Meeting. His interests include seismic signal analysis, seismic inversion and seismic stratigraphy. He is a member of the AGU and SEG.



F.N. TROFIMENKOFF received a B.E. degree in engineering physics and an M.Sc. degree in physics, both from the University of Saskatchewan, in 1957 and 1959, respectively. He was awarded an Athlone Fellowship in 1959 and completed the Ph.D. program in electrical engineering (semiconductor device physics) at the Imperial College of Science and Technology, London, in 1962. From 1957 to 1959 he worked on instrumentation for accurate humidity measurement in the Division of Building Research of the National Research Council of Canada and from 1962 to 1966 he was an Assistant Professor of Electrical Engineering at the University of Saskatchewan. In 1966 he moved to the Electrical Engineering Department at The University of Calgary where he is a Professor. His current interests are in the circuits and device area and instrumentation related to the petroleum industry. Dr. Trofimenkoff is a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, the Engineering Institute of Canada, the Canadian Association of Physicists, the American Society for Engineering Education, the Institute of Electrical and Electronics Engineers and the Canadian Society of Exploration Geophysicists.



ALEXANDER TSEMAHMAN is a graduate assistant in the Department of Physics, University of Alberta, Edmonton. He obtained his degrees in physics (equivalent of B.Sc. and M.Sc.) from Moscow Institute of Physics and Technology in 1983 and 1985, respectively. From 1983 to 1991 he participated in acoustic research with Quantum, Moscow. He worked as a researcher at the International Institute for Earthquake Prediction Theory and Mathematical Geophysics, Russian Academy of Sciences, in 1991 and 1992. His main research interests include seismic modelling and imaging and its application to exploration for hydrocarbon. Since 1992, he has been preparing a doctoral thesis at the University of Alberta under the supervision of Dr. F. Hron. Alexander has contributed more than a dozen papers on acoustics, seismology and exploration problems.