

RESEARCH PERSONNEL

David Brown received his B.S. in physics and M.S. in geophysics from Stanford in June 1977. He was with SEP from January to September 1977, during which time he worked on mathematical and numerical analysis problems relating to reflection seismology. He is currently a graduate student at the department of computer sciences, Uppsala University, in Sweden, where he is studying numerical analysis with application to geophysical problems. He is a member of SEG.

Jon F. Claerbout received his education at M.I.T. (B.S. physics 1960, M.S. geophysics 1963, Ph.D. geophysics 1967). He worked for Teledyne, Inc., in 1963, and studied in Uppsala, Sweden, in 1964. He joined the geophysical faculty at Stanford University in 1967. From 1967 to 1973, he was a consultant to the Chevron Oil Field Research Company. He is an active member of the Society of Exploration Geophysics, receiving the Best Presentation Award for a paper "Extrapolation of Wave Fields," presented at the 1972 international SEG meeting, and receiving the Society's Medal Award in 1973 "in recognition of his outstanding and original pioneering work in seismic wave analysis." During the year 1972-73, he was a visiting research geologist at Princeton University and a visiting lecturer at Sydney University. In 1977, he was elected a Fellow of the American Geophysical Union. Presently, he is professor of geophysics at Stanford University and director of the Stanford Exploration Project.

Robert W. Clayton received a B.A. degree in engineering science from the University of Toronto in 1973, and a M.S. degree from the University of British Columbia in 1975. His M.S. thesis was on the deconvolution of suites of teleseismic earthquake recordings. He is currently a Ph.D. candidate in the department of geophysics at Stanford University.

Bjorn Engquist received his B.S. and Ph.D. (in numerical analysis) from Uppsala University, Sweden. From 1966 to 1967 he worked as an assistant in the department of mathematics, and from 1967 to 1969 in the department of computer sciences. He was a Research Assistant at Courant Institute of Mathematical Sciences, New York University, 1969-70, and taught a course in numerical analysis at UC-Berkeley, 1970. From 1970 until 1975 he was employed as a Research Assistant in the department of computer sciences, Uppsala University, and returned to Uppsala upon leaving SEP in 1976.

William C. Gray received a B.A. degree in mathematics and computer science from the University of Texas in 1968. For a year, he worked for Mobil R&D developing seismic processing programs. He took a leave of absence in 1969 to go into the Army where he was a systems analyst working on design of message switching systems. Returning to Dallas two years

later, he worked for Mobil and attended Southern Methodist University, where he received a M.A.S. in systems engineering in 1973. In 1975, he was awarded an incentive fellowship from Mobil and is currently a Ph.D. candidate at Stanford in geophysics. He is a member of SEP and ACM, and has received a patent on seismic modeling and has several others pending for methods of multiple elimination and statics correction.

John Newkirk attended U.C. Berkeley and Harvard before graduating from M.I.T. in 1972 with degrees in business and electrical engineering. He received his M.S. in information systems from Stanford in 1973, and is now completing his doctorate in electrical engineering. His interest is in starting new business enterprises, and he hopes to find new commercial applications for technology in the petroleum industry.

Allan Snyder received a B.S. in physics from California State Polytechnic University, Pomona, 1975, and a B.S. in earth science in 1976. In the Summer of 1976, he worked for Shell Oil Company. In December, 1977, he will receive a M.S. in mathematics from Cal Poly Pomona. His earth science thesis research was on convection currents in the earth's mantle. He is currently a graduate student at Stanford, working towards a Ph.D. in geophysics. He is a member of SEG.