

SHORT COURSE
Applied Ichnology: The Use of Trace Fossils in
Sequence Stratigraphy, Exploration and Production Geology

S. George Pemberton



My current research involves analyses of both subsurface and outcrop data. I am the principal investigator on a large number of research projects funded by provincial and federal government agencies and industrial partners. These are generally concerned with research dealing with conventional hydrocarbon bearing units in Alberta, British Columbia and off shore frontier basins and unconventional oil sands deposits and low-permeability gas reservoirs in Alberta. I have actively worked on major hydrocarbon bearing units in **Australia, New Zealand, Taiwan, Indonesia, Norway, Papua New Guinea, China, Japan, Argentina, Brazil, Peru, Venezuela, Columbia, Trinidad, the United States and Alaska, the North Sea, Algeria, Qatar, Saudi Arabia, Egypt, Russia, Angola, and Nigeria.**

This body of work has received considerable international recognition. I have been named a Fellow of the Royal Society of Canada, awarded the 2003 R.C. Moore Medal by the Society of Sedimentary Research, the 1994 Past Presidents Medal by the Geological Association of Canada, the 2005 Killam Annual Professor from the Killam Foundation and in 2002 I was awarded a Tier 1 Canada Research Chair. I have served as a visiting professor at the University of Copenhagen, Denmark; Reading University, United Kingdom; and the University of Brunei Darussalam, as well as, a visiting scientist at Exxon Research, Arco Alaska, Shell Canada, and BP Trinidad. I am frequently invited to give papers and talks at key international meetings and am in great demand as a lecturer at petroleum companies around the world. During the course of my career I have authored or co-authored over 170 scientific papers and edited or co-edited 7 books.

SHORT COURSES PRESENTED

I have conducted industry oriented short courses for the following private companies:

- 1) Chevron Canada: 4 times
- 2) Esso Canada: 4 times
- 3) Mobil Canada
- 4) Alberta Energy Company
- 5) Amerada Minerals Canada
- 6) Canadian Hunter Exploration
- 7) Pan Canadian Company: 4 times
- 8) Chevron Research of Los Angeles: twice
- 9) Exxon Production Research, Houston: twice
- 10) Arco Research, Dallas
- 11) Arco Alaska, Anchorage: twice
- 12) Exxon U.K., London, England
- 13) Petrobras, Rio de Janeiro, Brazil
- 14) B.P. Colombia, Bogota, Colombia
- 15) Arco Bali North, Jakarta, Indonesia: twice.
- 16) Ecopetrol, Bucaramanga, Colombia.
- 17) Maravan, Maracaibo, Venezuela.
- 18) B.P. Indonesia, Jakarta, Indonesia: twice
- 19) B.P. Research, Aberdeen, Scotland.
- 20) TNK-BP, Moscow, Russia
- 21) Shell Research, The Hague, The Netherlands
- 22) Alaska Geological Society, Anchorage, Alaska.
- 23) Woodside Petroleum, Perth, Australia.
- 24) Talisman Petroleum, Calgary, Alberta: twice
- 25) Crestar Petroleum, Calgary, Alberta
- 26) Texaco Exploration, Houston, Texas
- 27) Amoco Research, Houston, Texas
- 28) Conoco Oil Co., Houston, Texas
- 29) Union Pacific Resources, Calgary, Alberta
- 30) ChevronTexaco, Houston, Texas
- 31) Intevep, Venezuela
- 32) PDVSA, Venezuela, four times
- 33) Devon Canada, Calgary, twice
- 34) Apache Egypt, Cairo, Egypt
- 35) BP Egypt, Cairo, Egypt
- 36) BP USA/Trinidad, Houston, Texas
- 37) Shell Brunei, Seri, Brunei: twice
- 38) Shell Canada, Calgary, Alberta.
- 39) BHP Billton, Houston, Texas
- 40) BP Trinidad, Port-of-Spain, Trinidad

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