

# DAVID B. SCOTT

## CURRICULUM VITAE

### Personal Information

Date of Birth: 25 May 1947  
 Place of Birth: Oakland, California  
 Citizenship: Dual Citizenship - U.S.A./Canadian  
 Languages: English, German, Spanish  
 Present Positions: Killam Professor, Chair, Department of Earth Sciences, and director of Centre for Environmental and Marine Geology, Dalhousie University  
 Adjunct Professor, Marine Science, USC-Coastal Carolina

### Education

June 1971	B.Sc., Oceanography (Biology)	University of Washington, Seattle
June 1971	B.Sc., Geology	University of Washington, Seattle
June 1973	M.Sc., Geology	Western Washington State College, Bellingham
Sept 1977	Ph.D., Geology	Dalhousie University, Halifax, Nova Scotia

### Fields of Interest

Micropaleontology - Particularly Recent and Pleistocene Foraminifera and Ostracoda, and their use as environmental indicators and coastal zone management tools, Thecamoebians, their present distribution and usefulness in paleo-ecology.

Quaternary Geology - Sea-level changes and environmental changes related to glacial periods, Quaternary paleoceanography, stable isotopes in the Quaternary, global climate change, most recently using deep sea corals as a climate archive and paleo-ice distributions in the Canadian Arctic.

### Professional Affiliations

Chairman, Dept of Earth Sciences, Dalhousie Univ. (July, 2008-2011)  
 Director, Centre for Environmental and Marine Geology, Dalhousie Univ. (2000-present)  
 Cushman Foundation for Foraminiferal Research (1976-), Patron (1995-) and on board of directors (2000- )  
 Associate editor, Canadian Journal of Earth Sciences, (July 2008-)  
 ArcticNet-co-PI on project 1.6  
 Canadian Arctic Shelf Exchange Study (CASES)-steering committee and PI for project 2.8 (2002-2007)  
 North American Paleontology Convention, Halifax, 2005. chairman  
 Geological Society of America, Northeast section meeting, March 2003, co-chair  
 IGCP Project 437(High stands of sea level in the Quaternary). Executive board (1999-2004)  
 IGCP Project 367 (Rapid Changes Recorded in Coastal Environments), Project Leader (1994-1998)

IGCP Project 274 (Quaternary Coastal Evolution), Proponent of new Project (Oct. 1993),  
 Canadian Correspondent & Member of Expert Panel advising Executive Board (1988 to 1993)

IGCP Project 200 (Global Sea Levels), Canadian Correspondent (1983-1987)

NATO Advanced Study Institute, Director of 1989 Meeting on Paleoecology, Biostratigraphy, Paleooceanography and Taxonomy of Agglutinated Foraminifera, Tübingen, West Germany (September, 1989)

NATO Advanced Study Institute (in cooperation with IGCP), Director of 1987 Meeting on Global Sea Levels

Geological Society of America, Member (1983-)

Paleontological Society of America, Member (1988-)

American Geophysical Union, Member (1986- )

### **Working Experience**

July 2005-to date- Dept. chair, Earth Sciences (2008-2011), Dir. Ctr. for Environment and Marine Geology (2000-present), Killam Professor (5 yr appointment starting in July, 05), co-PI, ArcticNet in project 1.6, NW Passage mapping and paleo-ice cover, sovereignty , PI for project 2.8 in CASES (millennial decadal ice cycles in the Arctic, June 2003 to 2006); chairman, North American Paleontology Convention (June 2005), voted "Dalhousie Earth Sciences Professor of the year", 2006.

June 1995-2005-Date Full Professor; Project Leader of IGCP Project 367; Organizing Committee for Paleoceanography V Conference in October 1995; Co-Organizer of IGCP 367 Meeting, Chile, Nov. 1995, IGCP 367, Australia, Nov. 1996, organizer of IGCP 367, Alaska, May 1997. Visiting scientist at Marine Science Institute, University of California, Santa Barbara, invited scientist to the Institute of Nuclear and Geological Sciences, Lower Hutt, New Zealand (1996/97); invited researcher and consultant to the Univ. Algarve, Faro Portugal (May 2000); senior scientist aboard ROPOS 2001 on the Scotian shelf obtaining the first video and samples of deepsea corals from this area as part of a large NSERC strategic grant on longterm climate studies (M.Risk, P.I.); together with Drs. Medioli and Schafer published a book for Cambridge Press on using foraminifera as environmental monitors; Chief Scientist, Leg 8, CASES programme, July 15-Aug. 5, 2004, exploring the Mckenzie Shelf in the high Arctic aboard CGS *Amundsen* with 40 other scientists.

June 1988-1995 Associate Professor, with Tenure. Co-Chair of Special Symposium at GSA, Boston (1993) on "Human Problems: Foraminiferal Solutions". Proponent of new IGCP Project on rapid events in the late Quaternary. NSERC Bilateral Exchange Programme with Tohoku Univ., Sendai, Japan (June-Oct 1992). Visiting Researcher at Coastal Carolina College (1990-1991). Co-Director of NATO Advanced Study Institute (Agglutinated Foraminifera) held in Tübingen, West Germany (Sept. 1989). PI for NSERC strategic grant to investigate environmental impacts under aquaculture operations in eastern Canada; Visiting Scientist and Adjunct Professor at University of South Carolina - Coastal (since Jan. 1989). Chief Investigator on 2 CSP grants to study Southern Ocean ODP material (1987-1989) and Iberian Abyssal Plain material (ODP Leg 149).

August 1985-1988 Assistant Professor (Tenure Track) in Geology Dept., Dalhousie University. Chief investigator of Strategic Grant to study ODP material (1985-1988). Organizer of IGCP Project 200 final meeting in Halifax, July 1987 (also NATO Advanced Study Institute). Visiting Scientist at Univ. Sao Paulo, Brazil, (Feb. 1988) and Univ. de Mar del Plata, Argentina, (Dec. 1987-Jan 1988) as a coastal micropaleontological expert.

Sept 1980-July 1985 NSERC Research Fellow(the first one at Dalhousie). In addition to

teaching one class, I was co-chief scientist on CSS *DAWSON* cruise 80-016. Also co-investigator on NSERC Strategic Grant to study Quaternary Paleoceanography of Eastern Canada. Co-chief scientist on *DAWSON* cruise 82-003 and *HUDSON* cruise 82-045, and chief scientist on *DAWSON* cruise 84-011. Leader of successful drilling project to Sable Island (funded by NSERC) which drilled a complete 150 m section of Quaternary (July 1985).

Sept. 1977-Sept 1980 Post-Doctoral Fellow, Department of Geology, Dalhousie University. Co-ordinated a combined laboratory-field program of drilling and surface sampling of marshes in New Brunswick, Nova Scotia, and Prince Edward Island to obtain detailed and comprehensive sea level information in this region, which involved developing new methods of drilling in marshes. In 1979, coordinated and worked a number of short cruises to collect cores from Bedford Basin and Northumberland Strait, Nova Scotia. Also continued coring in marshes and organized a two-week drilling operation on Sable Island (120 miles off the coast).

Sept 1977-April 1978 Research Assistant to Chairman, Department of Geology, Dalhousie University. Studying sea level changes in the Maritimes, and other aspects of coastal marine geology in Nova Scotia.

1973-1975 Research Associate, University of San Diego (Environmental Studies Laboratory) with J.S. Bradshaw. Experience included collection, preparation, and examination of foraminifera and ostracods from most of the lagoons in S. California (see publ. 2, 3, 4, 6 below). A series of environmental impact statements were done on all types of marine and freshwater environments. Also involved in a Sea Grant program on coastal zone management to determine accurate datum indicators using marsh and estuarine foraminifera.

### Teaching Experience

Killam Post doctoral fellows supervised: M. Kaminski 1987,1988(now at New Bedford College, UK), W. Kuhnt, 1989-91 (now prof. at Kiel Univ), E. Reinhardt, 1996-97(now prof. at McMaster), K. Strychar, 2003-2005(now prof at Texas A&M), J. Yang, 2006-2008.

Grant paid PDF's: E. Collins, 1996-1998(RPI-hurricane periodicity), T. Schell, 2002-2007 (CASES)

Graduate Students (1989-09):13 Ph.D. ( Javaux, Putar-Roberts, Zhang, Stea, McCarthy, Collins, Tobin, Sharma, Levac, Schell, Sherwood, vanHengstum (Alexander Graham Bell NSERC scholar), Mohamed (Egyptian exchange student); Frail, (Alexander Graham Bell NSERC scholar)

7 M.Sc. (Walsh, Gibb, Griffiths, Williams, Zevenhuisen, Laidler, Tibert, Tobin, Haury, Hawkes, Cameron; on Committee for Thibaudeau (M.Sc.)

Foreign Graduate Students: Barbosa (M.Sc.) at Univ. de Sao Paulo, Brazil(1986-1994); Ferrero (Ph.D.) at Univ. Mar del Plata, Argentina (1988-1990), Camacho, Univ. Algarve, Faro, Portugal(1999-present), Shahan (Ph.D.,Egypt , visiting scholar).

Sept. 1993-Present: Originated Science 1000 (Environmental Studies) Science 1000 was the first multi-disciplinary Environmental Studies course offered in Canada for undergraduates-1993-1995), Earth Sciences 4502A (micropaleo), Earth Sciences 3302B (Quaternary Environments) and Earth Sciences 2205B(invertebrate macropaleo).

Jan. 1998-present Earth Sciences 2205, invertebrate paleontology

Jan. 1993-present: Earth Sciences 3302B, Earth Sciences 4502B

Sept. 1991-April 1992: Earth Sciences 2201/2 (Historical Geology)

Jan. 1991-April 1991: Global Change Course, Coastal Carolina College

Jan. 1988, Sept-Dec 1988, 1989: Taught 1/2 of 4th year soft rock class (Micropaleontology)

Jan. 1986, 1987:	Taught 1/3 of 4th year soft rock class (Paleoceanography)
Jan.-April 1988:	Taught 2nd term of 4th year soft rock class (Micropaleo)
Sept. 1985-1996:	Taught full 1st year class
Dec. 1985, 1986, 1987:	Short Graduate course (1 week, 5 hr/day) on Foraminifera
Dec. 1985:	Taught 1/6 of 3rd year soft rock course
Jan. 1985:	Taught 1/3 of 4th year soft rock class (Paleoceanography)
Jan. 1984:	Taught 1/3 of 4th year soft rock class (Paleoceanography)
Sept. 1982-April 1983:	Taught 1/2 class of Pleistocene geology and 1/2 year course of Micropaleontology
Sept. 1980-April 1981:	Taught full-year class in Micropaleontology
July 1977:	Part of a team of teachers of a Field Oceanography Course
1975-1977:	Teaching Assistant, teaching laboratories and some lectures in Invertebrate and Micropaleontology, Dalhousie.
June 1973-Sept. 1975:	University of San Diego (Marine Ecology and General Oceanography) Assisted in both laboratories and lectures in classes.
1972-1973:	Western Washington State College - Teaching Assistant teaching Introductory Geology and Historical Geology (labs).

### Research Funds (1990-2008)

#### Operating Research Grants:

NSERC Discovery grant (5 yr award, 2005-2010)	\$136,000
NSERC Discovery grant (4 yr award, 2001-2004)	\$120,000
NSERC Discovery grant (4 yr award, 1997-2001)	\$100,000
NSERC Operating Grant (3 year award, 1993-1996)	\$79,200
NSERC Infrastructure (with other Centre Members, 1993-1995)	\$40,000
NSERC Operating Grant (1990-1993)	\$72,000
NSERC Infrastructure (with other Centre Members, 1990-1993)	\$120,000

#### Funding for Major Projects:

NSERC, Strategic Grant, Scott and several others, Monitoring the remediation of Halifax Harbour (2008-2010)	100,000/yr
NSERC, Special Opportunity Grant, A. Rochon and 6 others IPY (2007-2009)	250,000/yr
CFCAS Network Grant, W.R.Peltier and 50 others ; climate stability network (2005-2009)	1,000,000/yr.
NCE/NSERC(ArcticNet) Louis Fortier and 40 others, Sub-theme 1.6: The opening NW Passage; Resources, Navigation, Sovereignty & Security, Hughes-Clarke, Scott and others (2004-2010)	\$6000/yr
CFI/NSERC (Canadian Arctic Shelf Exchange Study, CASES)	
Louis Fortier (PI) with 30 others (~\$50million)	
At Dalhousie-sub theme 2.8 Scott, Millennial/decadal records of climate Change In the Beaufort Sea (2002-2007)	\$56,000/yr
NSERC Strategic Grant (climate studies using deepsea corals) Risk, M., Scott, D.B., Willison, M., and Hillaire-Marcel, C. (2000-2005)	~\$1,000,000 Over 5 years
NSERC STAC grant(shiptime) Metaxas and others (2001)	~\$600,000
2001 ROPOS cruise of discovery of deep sea corals	
NSERC Strategic Grant (Climate study vs fish populations, west coast, R.T., Patterson, P.I.with 12 co P.I.'s, 1998-2001)	\$620,000
NSERC CSP (ODP cruise participation, 1993)	\$33,000
DEVCO (Cape Breton Coal, 1991-1993)	\$122,600
NSERC Special Opportunities-Sable Island Bore hole in cooperation with	

Mobile Oil, NRCan	\$400,000 (with \$250K from NSERC)
NSERC Strategic (Aquaculture Study, 1990-1993)	\$210,000
NSERC Strategic Grant (ODP sites in the N. Atlantic, 1985-88)	\$170,000
NSERC Strategic Grant (CoPI, paleoceanography of the eastern Canadian margin (1980-1983))	(240,000 over 3 yrs.)

#### **Other Research Funds - Equipment, International Projects, Contracts:**

DFO subcontract for work on oil spill remediation (2000)	\$10,000
Univ. California, PacRim grant (precursor records of giant earthquakes on the Pacific Rim, J. Lipps, P.I., Scott and and several other international co P.I.s, 1999-2000)	\$38,000US
IGCP 367, Quaternary Coastal Records of Rapid Change (1994-1999)	\$30,000US
N.S. Economic Development, Vibracorer (1993)	\$100,000
NSERC Visiting Scientist (Travel to Japan, 1992)	\$3099
NSERC Equipment (Mass Spec Upgrade, 1990)	\$41,850
DSS Contracts (oxygen isotope, etc., 1990-1993)	\$53,000

#### **Publications**

1. Recent benthonic foraminifera from Samish and Padilla Bays, Washington. Northwest Science 48(4): 211-218, 1974.
2. With Mudie, P.J. and Bradshaw, J.S. Benthonic foraminifera of three Southern California lagoons: ecology and Recent stratigraphy. Jour. of Foraminiferal Research 6(1): 59-75, 1976.
3. Quantitative studies of marsh foraminiferal patterns in Southern California and their application to Holocene stratigraphic problems. 1st International Sym. on Benthonic Foraminifera of the Continental Margins, Part A: Ecology and Biology. Maritime Sediments Spec. Publ. 1: 153-170, 1976.
4. Brackish water foraminifera from Southern California and description of *Polysaccamina ipohalina* n. gen., n. sp. Jour. of Foram. Res. 6(4): 312-321, 1976.
5. Medioli, F.S. and Scott, D.B. A portable, hand-operated device for drilling in soil and salt marsh deposits. Maritime Sediments 12(2): 77-78, 1976.
6. with Cass, T.L. Response of *Cerithidea californica* (Haldeman) to lowered salinities and its paleoecological implications. Bull. of the So. California Academy of Sciences 76(1): 60-63, 1977.
7. with Medioli, F.S. and Schafer, C.T. Temporal changes in foraminiferal distributions in Miramichi River Estuary, New Brunswick. Can. Jour. of Earth Sci. 14(7): 1560-1587, 1977.
8. Physiographic and oceanographic characteristics of Chezzetcook Inlet, Nova Scotia. Maritime Sediments 13(4): 73-78, 1977.
9. with Medioli, F.S. Vertical zonations of marsh foraminifera as accurate indicators of former sea-levels. Nature 272(5653): 528-531, 1978.
10. Medioli, F.S. and Scott, D.B. Emendation of the genus *Discanomalina* ASANO and its implications on the taxonomy of some of the attached foraminiferal forms. Micropaleontology 24(3): 291-302, 1978.
11. with Medioli, F.S. Studies of relative sea level changes in the Maritimes. Progress Rept. #EMR 2239-4-31/78 to Energy, Mines and Resources Canada, 1978. (Note: This was a report but it has been so widely circulated throughout N. America and Europe, that it is considered necessary to list it here.)

12. with Medioli, F.S. Marine emergence and submergence in the Maritimes. Progress Report #EMR 45-4-79 to Energy, Mines and Resources Canada, 1979. (Note: This was a report but it has been so widely circulated throughout N. America and Europe, that it is considered necessary to list it here.)
13. with Piper, D.J.W. and Panagos, A.G. Recent salt marsh and intertidal mudflat foraminifera from the western coast of Greece. *Riv. Ital. Paleo.* **85**(1): 243-266, 1979.
14. Morphological changes in an estuary: a historical and stratigraphical comparison. *Coastlines of Canada*, Geol. Surv. of Canada Paper 80-10, edited by S.B. McCann, Paper 14, 199-205, 1980.
15. with Medioli, F.S. Quantitative studies of marsh foraminiferal distributions in Nova Scotia and comparison with those in other parts of the world: implications for sea level studies. A special publication of the Cushman Foundation for Foraminiferal Research, No. 17, 58 pp., 1980.
16. with Medioli, F.S. Living vs. total foraminiferal populations: their relative usefulness in paleoecology. *Jour. of Paleontology* **54**(4): 814-831, 1980.
17. with Schafer, C.T., and Medioli, F.S. Eastern Canadian estuarine foraminifera: a framework for comparison. *Jour. of Forum. Res.* **10**(3): 205-234, 1980.
18. with Medioli, F.S. Post-glacial emergence curves in the Maritimes determined from marine sediments in raised basins. *Proceedings of Coastlines '80 (Canada)*, published by NSERC (Canada), 428-446, 1980.
19. with Williamson, M.A., Duffett, T.E., Marsh Foraminifera of Prince Edward Island: Their Recent distribution and application for former sea level studies. *Maritime Sediments and Atlantic Geology* **17**: 98-129, 1981.
20. Miller, A.A.L., Scott, D.B., Medioli, F.S. *Elphidium excavatum* (Terquem): ecophenotypic versus subspecific variation. *Jour. of Forum. Res.* **12**: 116-144, 1982.
21. with Martini, I.P. Marsh foraminiferal zonation in western James-Hudson Bay. *Naturaliste Canadien* **109**: 399-414, 1982.
22. with Medioli, F.S. Micropaleontological documentation for early Holocene relative sea level fall on the Atlantic coast of Nova Scotia. *Geology* **10**: 278-281, 1982.
23. Miller, A.A.L., Mudie, P.J., Scott, D.B. 1982. Holocene history of Bedford Basin, Nova Scotia: foraminifera, dinoflagellate, and pollen records. *Can. Jour. of Earth Sci.* **19**: 2342-2367,
24. with Medioli, F.S. Testate rhizopods in Lake Erie: modern distribution and stratigraphic implications. *Jour. of Paleo.* **54**: 809-820, 1983.
25. Medioli, F.S. and Scott, D.B. Testate arcellaceans of eastern Canada. *Cushman Found. Forum. Res.*, Special Publication, No. 21, 63 pp., 1983.
26. with Gradstein, F., Schafer, C.T., Miller, A.A.L., Williamson, M. The Recent as a key to the Past: does it apply to agglutinated foraminiferal assemblages. *In* Workshop on Arenaceous Foraminifera, 7-9 September 1981, Publ. No. 108 of the Continental Shelf Institute, Trondheim, Norway, 147-157, 1983.
27. with D.A. Greenberg. Relative sea-level rise and tidal development in the Fundy tidal system. *Can. Jour. Earth Sci.* **20**(10): 1554-1564, 1983.
28. Petrucci, F., Medioli, F.S., Scott, D.B., Pianetti, F.A., Cavazzini, R. Evaluation of the usefulness of foraminifera as sea level indicators in the Venice Lagoon (N. Italy). *Acta-Naturalia de L'Ateneo Parmense* **19**(3): 63-77, 1983.
29. with Medioli, F.S., Duffett, T.E. Holocene relative sea-level rise at Sable Island, Nova Scotia, Canada. *Geology* **12**: 173-176 (March issue), 1984.
30. Scott, D.B., Mudie, P.J., Vilks, G. and Younger, C.D. Latest Pleistocene-Holocene paleoceanographic trends on the continental margin of eastern Canada: foraminiferal, dinoflagellate, and pollen evidence. *Marine Micropaleontology* **8**: 181-218, 1984.
31. Smith, D., Scott, D.B. and Medioli, F.S. Marsh foraminifera in the Bay of Fundy: modern distribution and application to sea-level determinations. *Maritime Sediments and*

- Atlantic Geology **20**: 127-142, 1984.
32. Ruffman, A., Miller, A.A.L. and Scott, D.B. Holocene rise of relative sea level at Sable Island, Nova Scotia, Canada: correction and note. *Geology* **13**: 661-663, 1985.
  33. Brookes, I.A., Scott, D.B. and McAndrews, J.H. Postglacial relative sea-level change, Port au Port area, west Newfoundland. *Can. Jour. Earth Sci.* **22**: 1039-1047, 1985.
  34. Patterson, R.T., MacKinnon, K., Scott, D.B. and Medioli, F.S. Arcellaceans ("thecamoebians") in small lakes of New Brunswick and Nova Scotia: modern distribution and Holocene stratigraphic changes. *Jour. Foram. Res.* **15**(2): 114-137, 1985.
  35. deVernal, A., Lortie, G., Larouche, A., Scott, D.B. and Richard, P.J.H. Evolution d'un milieu littoral et remontee du niveau relatif de la mer a l'Holocene Superieur au Nord d l'Ile du Cap-Breton, Nouvelle-Ecosse. *Can. Jour. Earth Sci.* **22**(3): 315-323, 1985.
  36. Hermelin, J.O.R. and Scott, D.B. Recent benthic foraminifera from the central North Atlantic. *Micropaleontology* **31**: 199-220, 1985.
  37. Medioli, F.S. and Scott, D.B. Designation of seven lectotypes, two neotypes and four standard reference figures for thirteen important Arcellacean (thecamoebians) species. *J. Foram. Res.* **15**(1): 24-37, 1985.
  38. Medioli, F.S., Petrucci, F. and Scott, D.B. Sulla presenza di Teca mebe in campioni carotati sul fondo del lago di Garda - A. Picard Missione, Sept. 1981. *In* Ghetti, P.F., Ed., *L'ambiente lago, Civiltà Gardesana, studi ed esperienze*, Tipolito F. Ili Geroldi, Brescia, 83-104, 1985.
  - \*39. with Medioli, F.S. Foraminifera as sea-level indicators. International Correlation Programme, Project 61. *In* Plassche, Orson van de, ed., *Sea-level Research: A Manual for the Collection and Evaluation of Data*. Geo Books, Norwich, U.K. p. 435-456, 1986.
  40. Medioli, F.S., Schafer, C.T. and Scott, D.B. Distribution of recent benthonic foraminifera near Sable Island, Nova Scotia. *Can. Jour. Earth Sci.* **23**: 985-1000, 1986.
  41. Scott, D.B., Baki, V., Younger, C.D., Medioli, F.S. and Stehman, C. Empirical method for measuring seasonality in deep-sea cores. *Geology*, **14**: 643-646, 1986.
  42. Honig, C.A. and Scott, D.B. Post-glacial stratigraphy and sea-level change in southwestern New Brunswick. *Can. Jour. Earth Sci.* **24**: 354-364, 1987.
  43. Scott, D.B., Medioli, F.S. and Miller, A.A.L. Holocene Sea levels, Paleoceanography, and Late Glacial ice configurations near the Northumberland Strait, Maritime Provinces. *Can. Jour. Earth Sci.*, **24**: 668-675. 1987.
  44. Medioli, F.S., Scott, D.B. and Abbott, B.H. A case study of protozoan intracolon variability: taxonomic implications. *Jour. Foram. Res.* **17**(1): 28-47, pl. 1-4, 1987.
  45. Schroeder, C.J., Scott, D.B. and Medioli, F.S. Can smaller benthic foraminifera be ignored in paleoenvironmental analysis. *Jour. Foram. Res.* **17**(2): 101-105, 1987.
  46. Scott, D.B. Quaternary benthonic foraminifera from DSDP sites 612, 613, Leg 95. New Jersey Transect. *Initial Reports of DSDP 95*: 313-337, 1987.
  47. Scott, D.B. and Miller, K.G. Plio--Pleistocene paleoceanography in the North Atlantic. *Episodes*, **10**(1): 11-12, 1987.
  - \*48. Scott, D.B., Boyd, R. and Medioli, F.S. Relative sea-level changes in Atlantic Canada: observed level and sedimentological changes versus theoretical models. *In* Numendal, D., Pilkey, O.H. and Howard, J.D., eds., *Sea level Rise and Coastal Evolution*, Special Publication in the Society of Economic Paleontologists and Mineralogists SEPM Spec. Publ. 41, 87-96, 1987.
  49. Medioli, F.S. and Scott, D.B. Lacustrine thecamoebians (mainly Arcellaceans) as potential tools for palaeolimnological interpretations. *Palaeo, Palaeo, Palaeo*, **62**: 361-386, 1988.
  50. Schroeder, C.J., Scott, D.B., Medioli, F.S., Bernstein, B.B. and Hessler, R.P. Larger agglutinated foraminifera: North Pacific versus Nares Abyssal Plain (North Atlantic). *Jour. Foram. Res.* **18**(1): 25-41, 1988.
  51. Scott, D.B. and Medioli, F.S. Holocene sea levels, paleoceanography and late glacial ice

- configuration near the Northumberland Strait, Maritime Provinces : Reply. *Can. Jour. Earth Sci.* **25**: 350-351, 1988.
52. Boyd, R., Scott, D.B. and Douma, M. Glacial tunnel valleys and Quaternary history of the outer Scotian Shelf. *Nature* **333**(6168): 61-64, 1988.
  - \*53. Scott, D.B., MacKinnon, K.D., Medioli, F.S. 1988. Salt marshes in Atlantic Canada. *In Wetlands of Canada*, publ. by Nat. Wetlands Working Group & Canada Committee on Ecological Land Classification, Ottawa, p. 265-282.
  54. Scott, D.B. and Medioli, F.S. Tertiary-Cretaceous reworked microfossils in Pleistocene glacial-marine sediments: an index to glacial activity. *Marine Geology*, **84**:31-41, 1988.
  55. Scott, D.B., Mudie, P.J., Baki, V., MacKinnon, K.D., Cole, F.E. Biostratigraphy and Late Cenozoic paleoceanography of the Arctic Ocean: foraminiferal, lithostratigraphic and isotopic evidence. *Geological Society of America, Bulletin*, **101**:260-277, 1989.
  56. Schroeder, C.J., Medioli, F.S., Scott, D.B. Fragile abyssal foraminifera (including new komokiacea) from the Nares Abyssal Plain. *Micropaleontology*, **35**(1):10-48, 9 pls., 1989.
  57. Scott, D.B., Mudie, P.J., deVernal, A., Hillaire-Marcel, C., Baki, V., MacKinnon, K.D., Medioli, F.S., Mayer, L. Lithostratigraphy, biostratigraphy and stable isotope stratigraphy of cores from ODP Leg 105 site surveys, Labrador Sea-Baffin Bay. *Initial Repts., ODP*, **105** (Part B):561-582, 1989.
  58. Kaminski, M.A., Gradstein, F., Scott, D.B. and MacKinnon, K.D. Neogene benthic foraminiferal stratigraphy and deep water history of sites 645, 646 and 647, Baffin Bay and Labrador Sea. *Initial Repts., ODP*, **105** (Part B): 731-756, 1989.
  59. Scott, D.B., Baki, V. and Younger, C.D. Late Pleistocene-Holocene paleoceanographic changes on the eastern Canadian margin: stable isotopic evidence. *Palaeo, Palaeo*, **74**: 279-295, 1989.
  60. Schroeder, C.J., Cole, F., Medioli, F.S., Mudie, P.J., Scott, D.B. and Dobbin, L. Recent Arctic shelf foraminifera: seasonally ice covered vs. perennial ice covered areas. *Jour. Foram. Res.*, **20**: 8-36, 1990.
  61. Scott, D.B. and Leger, G.T. Benthic foraminifera and implications for intra-plate deformation, Site 717, Distal Bengal Fan. *In: Cochran, J.R., Stow, D.A.V., et al., Eds., Proceedings of the Ocean Drilling Program, Scientific Results*, **116**: 189-205, 1990.
  62. Thomas, F.C., Medioli, F.S. and Scott, D.B. Holocene and latest Wisconsinan benthic foraminiferal assemblages and paleocirculation history, lower Scotian Slope and Rise. *Journal of Foraminiferal Res.*, **20**(3):212-245, 1990.
  63. Scott, D.B. and Vilks, G. Benthonic foraminifera in the surface sediments of the deep-sea Arctic Ocean. *Jour. Foram. Res.*, **21**(1):20-38, 1991.
  64. Boltovskoy, E., Scott, D.B. and Medioli, F.S. Morphological variations of benthic foraminiferal tests in response to changes in ecological parameters: a review. *Jour. of Paleontology*, **65**(2):175-185, 1991.
  65. Scott, D.B., Suter, J.R., Kosters, E.C. Marsh foraminifera and arcellaceans of the lower Mississippi Delta: controls on spatial distributions. *Micropaleontology*, **37**(4):373-392, 1991.
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- 1984 - Scott, D.B. and Medioli, F.S. Relative sea level changes in Atlantic Canada, observed vs. theoretical. Abstract to Atlantic Geosci. Colloq., Amherst, N.S., 20-21 Jan, 1984.
- 1982 - with Mudie, P.J. and Vilks, G. Holocene-Late Wisconsinan paleoceanographic events on the Scotian Shelf, Canada. Abstract to 95th Annual Geol. Soc. Amer. Conf., New Orleans, 18-21 Oct. 1982.
- 1981\* - Miller, A.A.L., Mudie, P.J., Scott, D.B., Medioli, F.S. Holocene history of Bedford Basin, Nova Scotia: foraminifera, dinocyst, and pollen records. Abstract to Annual Geol. Assoc. of Amer. Conf., Cincinnati, Ohio, 2-5 Nov. 1981.
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- 1981\* - with Martini, I.P. Marsh foraminiferal zonation in western James-Hudson Bay. Abstract to Hudson-James Bay Symposium, Guelph, Ontario, April 1981.
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- 1980\* - Miller, A.A.L., Scott, D.B. and Medioli, F.S. Ecophenotypic expression of the Recent foraminifera *Elphidium excavatum* (Terquem). Abstract to 1980 Annual Meeting of the Geol. Assoc. of Canada, Halifax, 19-21 May 1980.
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- 1980 - with Medioli, F.S. Postglacial emergence curves in the Maritimes determined from marine sediments in raised basins. Abstract to Canadian Coastal Conference, Burlington, Ontario, 22-24 April 1980.
- 1979 - with Schafer, C.T. and Medioli, F.S. Eastern Canadian estuarine foraminifera: a framework for comparison. Abstract to 1979 Annual Meeting of Geol. Soc. Amer., San Diego, Calif., 2-5 Nov. 1979.
- 1979\* - Medioli, F.S. and Scott, D.B. Changements du niveau de la mer au cours de l'Holocène dans les Provinces Maritimes. Univ. de Québec, Rimouski, April 1979.
- 1979\* - Two presentations on consecutive days - Salt marshes and mudflats of the world; Marsh foraminifera as indicators of former sea levels. Two presentations made to the Dept. of Geology classes, Queens University, Kingston, Ontario.
- 1978\* - Seasonal variations of salt marsh foraminiferal populations in Nova Scotia, Canada. Invited abstract to Symposium "Ecology of Living Foraminifera", Geol. Soc. Amer. Annual Meetings, Toronto, p. 488-489, Oct. 1978.
- 1978 - Recent morphological changes in an estuary along the eastern shore of Nova Scotia and their relationship with relative sea-level rise. Abstract to Coastline of Canada Conference, Halifax, p. 13, 1-3 May 1978.
- 1978\* - with Medioli, F.S. Relative sea level changes in southeastern Canada. Invited paper to 13th Annual Northeastern Section of Geol. Soc. Amer. Meetings, Boston, 9-11 March 1978.
- 1977 - Thecamoebians: their present distribution and possibilities as stratigraphic marker species in freshwater deposits. Abstract to 1977 Eastern Canada Paleontology and Biostratigraphy Seminar, Waterloo, Ont., p. 16, Oct. 1977.
- 1977 - Application of marsh foraminiferal zonation to the study of Holocene sea level rise and/or subsidence in the Maritimes. Abstract to 1977 Annual Meeting of Geol. Assoc. Canada, p. 47, Vancouver.
- 1977 - Organized and chaired a Workshop held 10 January 1977 concerning sea level rise and/or subsidence in the Maritimes (Canada). Synopsis published in Grant, D.R., 1977, *Geoscience Canada* 4(3): 144-146.
- 1976 - Foraminifera from cores in Mahone Bay, Nova Scotia. Paper presented at a Workshop on coastal bays in Nova Scotia, Bedford Institute of Oceanography, Dartmouth, N.S.
- 1976 - Using salt marsh deposits for determining Holocene sea level changes in the Maritime Provinces (Canada). Abstract to the Atlantic Geoscience Colloquium, Sackville, N.B., Canada.
- 1976 - The relationship between intertidal foraminifera and environmental parameters. Abstract to the Paleontology and Biostratigraphy Seminar, Windsor, Ontario, Canada, p. 4.