

## JOHN T. ANDREWS

Born: 8th November, 1937, Millom, Cumbria, England  
US citizen, 27th Feb. 1976

**Education:** BA University of Nottingham, England 1959  
MSc McGill University, Canada 1961  
PhD University of Nottingham, England 1965  
DSc University of Nottingham, England 1978

**Positions:** Research Scientist, Government of Canada 1961-1968  
Associate Professor, University of Colorado 1968-1972  
Full Professor, University of Colorado 1972-2003  
Chair, Geological Sciences, 1987-1991  
Professor Emeritus—2003--  
Fellow and Research Scientist III, INSTAAR, 2003—

**Fellow:** Geological Society of America--1974  
Geological Association of Canada--1975  
Arctic Institute of North America—1975  
American Geophysical Union----2006  
American Association Advancement of Science---2012

**Honors:** 1973---Kirk Bryan Award, Geological Society of America  
1995---Elected foreign member of the Norwegian Academy of Science  
1997---University Medal, awarded by the Regents, University of Colorado  
1998---DSc *honoris causa*, University of Nottingham  
1998---Distinguished Career Award, American Quaternary Association  
2000---Appointed a Special Professor for a 6-yr term, U. Nottingham.  
2002---Special one and half-day session in my honor at the annual  
Geological Society of America meeting  
2006: Elected Fellow American Geophysical Union  
2007: Distinguished Career Award, Q & G Division, Geol. Soc. America  
2012: Elected Fellow American Association for the Advancement of Science

**Research Interests:** Glacial marine processes at high latitudes; Reconstruction and history of large Quaternary ice sheets; paleoceanography on high latitude shelves and adjacent seas.

**Past Committees:** Past President Quaternary and Geomorphology Division, Geological Society of America; Past President AMQUA; Past Co-Chair Steering Committee of the Paleoclimatology or Arctic lakes and estuaries (NSF): Chair, NSF overview committee on Arctic System Science (1994-95); Chair, National Academy committee to review the Arctic Natural Sciences Program NSF(1997-1998); Chair, National Science Foundation working group to formulate Paleoenvironments of Arctic Systems (PARCS) (1998)

### Selected Papers

Andrews, J. T., Geirsdottir, A., and Jennings, A. E., 1989: Spatial and temporal variations in clay- and silt-size mineralogies of shelf and fiord cores, Baffin Island. *Continental Shelf Research*, 9: 445-463.

- Andrews, J. T., 1990: Fiord to Deep-Sea sediment transfers along the Northeastern Canadian Continental Margin: Models and Data. *Géographie Physique et Quaternaire*, 44: 55-70.
- Andrews, J. T. and Tedesco, K., 1992: Detrital carbonate-rich sediments, northwestern Labrador Sea: Implications for ice-sheet dynamics and iceberg rafting (Heinrich) events in the North Atlantic. *Geology*, 20: 1087-1090.
- Andrews, J. T., 1993: Changes in the Silt- and Clay-Size Mineralogy of Sediments at ODP Site 645B, Baffin Bay. *Canadian Journal of Earth Sciences*, 30: 2448-2452.
- Andrews, J. T. and Syvitski, J. P. M., 1994: Sediment fluxes along high latitude continental margins (NE Canada and E. Greenland). In Hay, W. (ed.), *Material fluxes on the surface of the Earth*. Washington, D.C.: National Academy Press, 99-115.
- Andrews, J. T., 1998: Abrupt changes (Heinrich events) in late Quaternary North Atlantic marine environments: a history and review of data and concepts. *Journal of Quaternary Science*, 13: 3-16.
- Andrews, J. T., Cooper, T. A., Jennings, A. E., Stein, A. B., and Erlenkeuser, H., 1998a: Late Quaternary iceberg-rafted detritus events on the Denmark Strait/Southeast Greenland continental slope (~65° N): Related to North Atlantic Heinrich Events? *Marine Geology*, 149: 211-228.
- Andrews, J. T., Kirby, M. E., Aksu, A., Barber, D. C., and Meese, D., 1998b: Late Quaternary Detrital Carbonate (DC-) events in Baffin Bay (67° - 74° N): Do they correlate with and contribute to Heinrich Events in the North Atlantic? *Quaternary Science Reviews*, 17: 1125-1137.
- Andrews, J. T., Jennings, A. E., Coleman, C. G., and Eberl, D., 2010: Holocene variations in mineral and grain-size composition along the East Greenland glaciated margin (ca 67-70°N): local versus long-distant sediment transport. *Quaternary Science Reviews*, 29: 2619-2632.
- Andrews, J. T. and Eberl, D. D., 2011: Surface (sea floor) and near-surface (box core) sediment mineralogy in Baffin Bay as a key to sediment provenance and ice sheet variations. *Canadian Journal of Earth Science*.

**Synergistic activities:** i) Associate Editor of “The Holocene” ,“Quaternary Science Reviews” and “Journal of Quaternary Research”; ii) graduate instruction in the application of statistics to the Earth Sciences; iii) External advisor to the EU C.A.S.E. (Changes in the Arctic and SubArctic Environment) multi-institutional program.