

## **Brooks B. Ellwood**

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### **EDUCATION**

Ph.D. 1977. University of Rhode Island, Graduate School of Oceanography.

Title: Development of the standardized magnetic parameter  $F_X$ .

Advisor: Norman Watkins; deceased

MS 1974. University of Rhode Island, Graduate School of Oceanography.

- 1998-99 Chair, Faculty Senate, UT Arlington
- 1992-99 Undergraduate Advisor, Geology, UT Arlington
- 1995-99 Faculty Senate, UT Arlington
- 1986-94 Graduate Advisor, Math Sciences Ph.D. Program, UT Arlington
- 1988-89 Vice Chair, UT Arlington Faculty Senate
- 1985-89 Faculty Senate, UT Arlington
- 1981-83 Faculty Senate, University of Georgia

#### **AWARDS AND HONORS**

- 2005-- Robey Clark Distinguished Professor in Geology, LSU
- 2010 Awarded the VAST Medal by the Vietnamese Academy of Science and Technology for long-term and significant contributions to research in Vietnam
- 2007 Harrison Family Field Camp Distinguished Professor in Geology, LSU
- 1993 South Central Feder

**Member:** American Geophysical Union  
American Association of Petroleum Geologists  
National Speleological Society - NSS 11543

**Honor Societies:** Sigma XI; Phi Beta Delta

**BLICA ION :**

167. Ellwood, B.B., Wardlaw, B.R., Nestell, M.K., Nestell, G.P., Lan, L.T.P, 2017.  
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China and Vietnam using Graphic Correlation.



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122. . *Palaeogeography, Palaeoclimatology, Palaeoecology* 237, 483–507.
121. Schmitz, B., Ellwood, B.B., Peucker–Ehrenbrink, B., El Hassani, A., Bultynck, P., 2006. Platinum group elements and  $^{187}\text{Os}/^{188}\text{Os}$  in a purported impact ejecta layer near Eifelian–Givetian stage boundary, Middle Devonian. *Earth and Planetary Science Letters* 249, 162–172.
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118. Ellwood, B.B., Benoist, S.L., El Hassani, A., Wheeler, C., Crick, R.E., 2004. Response to Comment on "Impact Ejecta Layer from the Mid-Devonian: Possible Connection to Global Mass Extinctions." *Science* 303, Technical Comment: 471; 471c: 1–2.
117. Thoa, N.T. K., Huyen, D.T., Ellwood, B.B., Lan, L.T.P., Truong, D.N., 2004, Determination of Permian–Triassic boundary in limestone formations from Northeast of Vietnam by paleontological and MSEC methods. *Journal of Sciences of the Earth* 26, 222–232 (in Vietnamese with an English abstract).
116. Ellwood, B.B., Harrold, F.B., Benoist, S.L., Thacker, P., Otte, M., Bonjean, D., Long, G.L., Shahin, A.M., Hermann, R.P., Grandjean, F., 2004, Magnetic Susceptibility Applied as an Age-Depth-Climate Relative Dating Technique Using Sediments from Scladina Cave, a Late Pleistocene Cave Site in Belgium. *J. archaeological Science* 31, 283–293.
115. Harrold, F., Ellwood, B., P. Thacker, P., Benoist, S., 2004. Magnetic susceptibility analysis of sediments at the Middle–Upper Paleolithic transition for two cave sites in northern Spain. ZILHÃO, J.; D'ERRICO, F. (eds.) *The Chronology of the Aurignacian and of the Transitional Technocomplexes. Dating, Stratigraphies, Cultural Implications*, *Trabalhos de Arqueologia* 33. Lisboa, Instituto Português de Arqueologia, 301–310.

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17. Ellwood, B.B., 1978. Flow and emplacement direction determined for selected basaltic bodies using magnetic susceptibility anisotropy measurements, *Earth and Planetary Science Letters*, 41, 254–265.
16. Marino, R.J. and Ellwood, B.B., 1978. Anomalous magnetic fabric in sediments which record an apparent geomagnetic field excursion, *Nature*, 274, 581–582.
15. Ellwood, B.B. and Noltimier, H.C., 1978. Anisotropy of magnetic susceptibility measurements as a coal banding-plane indicator, *Nature*, 274, 353–354.
14. Ledbetter, M.T., Williams, D.F. and Ellwood, B.B., 1978. Late Pliocene climate and SSW Atlantic abyssal circulation, *Nature*, 272, 237–239.
13. Ellwood, B.B., 1978. Measurement of anisotropy of magnetic susceptibility: A comparison of the precision of torque and spinner magnetometer systems for basaltic specimens, *Journal of Physics E: Scientific Instruments*, 11, 71–75.
12. Ellwood, B.B. and Ledbetter, M.T., 1977. Antarctic Bottom Water fluctuation in the Vema Channel: effects of velocity changes on particle alignment and size, *Earth and Planetary*



1988 Pratt, C. and Ellwood, B.B., 1988. Applied Geoaerchology, aired 1989, PBS Channel 2, Dallas-Fort Worth metropolitan area, UT Arlington Television, 20 minutes; invited and shown nationally and internationally; featured in National Park Service pamphlets.

### **International Training Sessions**



- Johnson, ed., Proceedings of a meeting held May 2-6, 1998, in Norman, Oklahoma, hosted by the Oklahoma Geological Survey, 71-82.
- 2000 Ellwood, B.B., Harrold, F.B. and Benoist, S.L., 2000. The Magneto-Susceptibility Event and Cyclostratigraphy (MSEC) Method used for paleoclimatic estimates and correlations at archaeological sites in Europe: Results for the Middle and Upper Paleolithic, *Geolines*, 11 170-172.
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- 1999 McPherron, S., Chase, P.G., Debénath, A., Dibble, H.L., and Ellwood, B.B., 1999. The Fontéchevade fossils: A reanalysis of their archaeological context based on new excavations, annual meeting Am. Assoc. Physical Anthro., Columbus, Ohio, 4pp.
- 1995 Ellwood, B.B., 1995, Searching for the grave of hanged Texas gunfighter William Preston Longley, *Fronteras*, 4, 3-4.
- 1994 Crick, R.E., Ellwood, B. and El Hassani, A., 1994. Integration of biostratigraphy, magnetic susceptibility, & relative sea-level change: a new look at high resolution correlation, *Subcommission on Devonian Stratigraphy Newsletter*, 11, 59-66.
- Petruso, K.M., Harrold, F.B., Ellwood, B.B., and Korkuti, M., 1994, The Konispol Cave: New Light on the Paleolithic of Southern Albania; presented at the First International Conference on the Paleolithic of Greece and Adjacent Areas, Ioannina, 20pp.
- Ellwood, B.B. and Burkart, B., 1994, A test of hydrocarbon induced magnetic patterns in soils, AAPG Hedberg Research Conference, "Near-surface Expression of Hydrocarbon Migration", Vancouver BC, ed. Schumacher, D. and Abrams, M., invited extended abstract, pp 5.
- Owsley, D.W., Ellwood, B.B., and Mercado-Allinger, P.A., 1994. The search for the grave of William Preston Longley: Giddings Cemetery (41LE132), Lee County, Texas, Technical Report to the Texas Historical Commission, Texas Antiquities Permit No. 1083, pp. 104.
- 1993 Fields, et al., with contributions by Dering, J.P., Derrick, S.M., Ellwood, B.B., Gardner, K.M., Steele, D.G., and Yates, B.C., 1993, Excavations at the Tick, Spike, Johns Creek, and Peerless Bottoms sites, Cooper Lake Project, Delta and Hopkins counties, Texas, Reports of Investigations, No. 91, Technical Report Submitted to the US Army Corps of Engineers, 424p.
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- Tarling, D.H., Hrouda, F., Stephenson, A., Ellwood, B.B., Shive, P.N., Jackson, M.J., and Urrutia-Fucugauchi, J., 1993, Chapter 1: Physical and Theoretical Background, in *The Magnetic Anisotropy of Rocks*, by Tarling and Hrouda, Chapman & Hall, London, 1-29.
- 1992 Klein, T.H., with contributions from Pickens, S., Lautzenheiser, L., and Ellwood, B.B., 1992, Phase II archaeological testing Estill Farmstead, site 41TR126, runway 16/34 west,

- Dallas/Fort Worth International Airport, Tarrant County, Texas; Technical Report Submitted to Dallas/Fort Worth International Airport and Federal Aviation Administration.
- Gadus, et al., with contributions by Yates, B.C., Dering, J.P. and Ellwood, B.B., 1992, Archeological investigations at 41DT11, 41DT21, 41DT50, 41DT54, and 41DT63 at Cooper Lake, Delta County, Texas, Reports of Investigations, No. 86, Technical Report Submitted to the US Army Corps of Engineers, 127p.
- 1989 Carlson, S.B., with contributions by Ellwood, B., Gearhart, R.L., II, Prouty, L., 1989, Archeological testing at the Jefferson Wharf site (41MR73) Marion County, Texas, Archeological Research Laboratory, Texas A&M University, Reports of Investigations, No. 9, pp. 61.
- 1987 Peter, D.E., Ellwood, B.B., Schieber, J., and Yates, B., 1987, Test excavations of the River Bend Site (41TR68), Technical Report Submitted to the US Army Corps of Engineers, pp. 46.
- 1982 Ledbetter, M.T. and Ellwood, B.B., 1982, Variations in particle alignment and size in sediments of the Vema Channel record Antarctic Bottom-Water velocity changes during the last 400,00 years, in Antarctic Geoscience, edited by C. Craddock, University of Wisconsin Press, Madison, 1033-1038.
- 1981 Ciesielski, P.F., Ledbetter, M.T., and Ellwood, B.B., 1981, Growth of the Antarctic ice sheets and the Neogene paleoenvironment of the Maurice Ewing Bank, Antarctic Journal, 16, 114-117.
- 1980 Wenner, D.B. and Ellwood, B.B., 1980, Studies of the formation of subglacially formed volcanoes in Iceland using paleomagnetic methods, in Lunar Planetary Science XI, 1236-1238.
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