

RESUME

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ACADEMIC BACKGROUND:

University College, Swansea (University of Wales) 1963-1966. B.Sc. 1966. Geology.
University of South Carolina 1966-1968. M.S. 1968. Geology.
Texas A&M University 1968-1971. PhD. 1971. Geology.

ACADEMIC HONOURS AND AWARDS:

B.Sc. Magna cum Laude
County Major Award (Full Scholarship) 1963-1966. University College, Swansea.
Humble Oil Fellowship 1968-1969. Texas A&M University.
Pennzoil Fellowship. Research Support 1970. Texas A&M University.
Leonard Gage Larsen Scholarship. Research Support 1971. Texas A&M University.
Outstanding Geology Graduate Student Award 1971. Texas A&M University.
Mortar Board Teaching Excellence Award, Spring 1978, University of Houston.

TEACHING AND RESEARCH EXPERIENCE:

Teaching Assistant. 1966-1968. University of South Carolina. Geology.
Research Assistant. Summer 1967. U.S. Atomic Energy Commission. Puerto Rico Nuclear Center, Marine Biology Division.
Research Assistant. 1969-1970. Texas A&M University. Geology
Research Assistant. Summer 1970. Texas A&M University, Oceanography. Geophysics Cruise A-11-70. Western Gulf of Mexico and Caribbean Sea.
Teaching Assistant. 1971. Texas A&M University. Geology.
Instructor. 1971-1972. University of Houston. Geology.
Research Scientist. Summers 1972-73-74. National Science Foundation, International Projects Division. Jurassic Geology of the High Atlas Mountains, Morocco.
Assistant Professor. 1972-1975. University of Houston. Geology.
Research Scientist. Summer 1976. National Science Foundation, International Projects Division. Tertiary Geology of the Egyptian Red Sea Coastal Plain.
Associate Professor. 1975 - Present. University of Houston. Geology.
Research Scientist. Summer 1977. National Oil Corporation of Libya. Cretaceous Geology of the Jefara Plain, N. W. Libya.
Principal Investigator (with M. F. Carman). 1979-1980. Geology and Geophysics of selected parts of Anatolia. NATO - Scientific Affairs Division. **\$8,500.00.**

- Principal Investigator (with S. A. Hall). 1988-1989. A Paleomagnetic Study of the Pontide Mountains in Northwestern Anatolia. National Science Foundation - **\$12,500.**
- Principal Investigator (with A. S. Cate). 1990-1991. Early burial history of Recent molluscan faunas in Texas coastal bays and its implication for preservation of life histories in paleoecology. University of Houston, Coastal Center. **\$2,425.00.**
- Principal Investigator (with S. A. Hall). 1990-1991. Paleomagnetic and rock magnetic characteristics of hydrocarbon saturated rocks from the Permian Basin of west Texas. University of Houston, Energy Laboratory. **\$10,861.00.**
- Principal Investigator (with J. F. Casey). 1990-1991. Geochemical "fingerprinting" of sedimentary rocks: an enhanced intra-basinal correlation technique. University of Houston, Energy Laboratory. **\$5,200.00.**
- Principal Investigator (with A. S. Cate). 1991-1992. Taphonomy and stable isotope geochemistry of molluscan shell material from Texas coastal bays: Implications for paleoenvironmental interpretation. University of Houston, Coastal Center. **\$3000.00.**
- Principal Investigator (with S. A. Hall). 1991-1992. Rock magnetic properties of hydrocarbon saturated reservoir rocks. University of Houston, Energy Laboratory. **\$7,285.00.**
- Principal Investigator (with A. S. Cate) 1992 - 1993. Taphonomy and stable isotope geochemistry of molluscan shell material from Texas coastal bays: Implications for paleoenvironmental interpretation. University of Houston, Coastal Center. **\$2000.00.**
- Principal Investigator 1993 - 1994. The Taphonomy of Marine Benthic Invertebrate Faunas of Christmas Bay: An Analysis of the Parameters Influencing their Early Preservation. University of Houston, Coastal Center. **\$3250.00.**
- Principal Investigator 1994 - 1995. The Taphonomy of Late Pleistocene Bay Faunas from the Texas Gulf Coast: an Evaluation of the Taphonomic Overprint. University of Houston, Coastal Center. **\$1000.00.**

PROFESSIONAL ORGANIZATIONS:

- Fellow of the Geological Society of London. 1965 - Present.
 Member of the Palaeontological Association. 1966 - Present.
 Associate Member of the SEPM. 1967 - Present.
 Member of the Paleontological Society. 1967 - Present.

THESES:

Evans, Ian, 1966. The geology of the Mynydd-y-Gareg/Crwbin area of southeast Carmarthenshire: Bachelor's Thesis, University College, Swansea, 53p. 2 maps.

Evans, Ian, 1968. The post-mortem history of skeletal material of the benthic invertebrate fauna in Anasco Bay, Puerto Rico: Master's Thesis, University of South Carolina, 53p., 1 map.

Evans, Ian, 1971. A paleoecological analysis of the Whitestone Member of the Walnut Formation, Lower Cretaceous, Travis and Williamson counties, Texas: Doctoral Dissertation, Texas A&M University, 205p.

ABSTRACTS:

Evans, Ian* and T. T. Davies, 1968. The post-mortem history of the skeletal material of the benthic invertebrate fauna in Anasco Bay, Puerto Rico; Abstracts, Geol. Soc. America, Southeastern Section, Annual Meeting.

Stanton, R. J. and **Ian Evans***, 1970. Sample size - accuracy interrelations in paleoecology; Abstracts, Geol. Soc. America, Annual National Meeting.

Stanton, R. J. and **Ian Evans***, 1971. Substrate - a second order determinant of organism distribution: Mississippi Delta region; Abstracts, Geol. Soc. America, Southeastern Section, Annual Meeting.

Stanton, R. J.*. and **Ian Evans**, 1971. Environmental controls of benthic macro-faunal patterns in the Gulf of Mexico adjacent to the Mississippi Delta: Amer. Assoc. Petroleum Geologists, Annual National Meeting.

Evans, Ian* and C. G. St. C. Kendall, 1973. Jurassic proximal and distal carbonate turbidites of the central High Atlas Mountains, Morocco: Abstracts, Amer. Assoc. Petroleum Geologists, Annual National Meeting.

Kendall, C. G. St. C. and **Ian Evans***, 1973. Coral reef and bioherm morphology; criteria for the interpretation of the evolution of the central High Atlas Mountains, Morocco: Abstracts, Amer. Assoc. Petroleum Geologists, Annual National Meeting.

Evans, Ian*, C. G. St. C. Kendall and J. C. Butler, 1973, Liassic shallow and deep-water rhythmic sedimentation patterns of the central High Atlas Mountains, Morocco: Abstracts, Geol. Soc. America, Annual National Meeting.

Warme, J. E*., M. A. Schupbach, **Ian Evans** and C. G. St. C. Kendall, 1974. Structural framework and depositional history of the High Atlas Mountains, Morocco: Abstracts, Amer. Assoc. Petroleum Geologists, Annual National Meeting.

Evans, Ian*, C. G. St. C. Kendall, and J. E. Warme, 1975. Deep-water carbonates of the central High Atlas Mountains, Morocco: Abstracts, Amer. Assoc. Petroleum Geologists, Annual National Meeting. Invited Paper.

Evans, Ian*, J. E. Warme, C. G. St. C. Kendall, C. Burgess and C. Lee, 1975. Jurassic facies mosaic, middle High Atlas Mountains, Morocco: Resume des

Publications, IX Congress International de Sedimentologie, Theme V, p. 31-32.

Evans, Ian*, 1977, Sedimentation during the early opening phases of the Red Sea: Abstracts, Geol. Soc. America, Annual National Meeting.

Evans, Ian*, S. A. Hall, M. F. Carman, M. Senalp and S. Coskun, 1980. Paleomagnetic study of the Pontide Orogenic Belt, northern Turkey: Abstracts, Geol. Soc. America, Annual National Meeting.

Kleist, R. J*., S. A. Hall and **Ian Evans**, 1980. Paleomagnetic study of the Lower Cretaceous Cupido Limestone, Coahuilla, Mexico: Abstracts, Geol. Soc. America, Annual National Meeting.

Hall, S. A*., **Ian Evans**, Carman, M. F., Senalp, M. and Coskun, S., 1982. Paleomagnetic studies in the Pontide Mountains of northern Turkey; in Symposium on the Geologic Evolution of the Eastern Mediterranean, Edinburgh, Scotland, Abstracts, p. 48.

Evans, Ian* and S. A. Hall, 1985, Paleomagnetic results from the Ordovician Table Head Group of southwestern Newfoundland: Trans. Am. Geophys. Union, v. 66, No. 18, p. 255.

Evans, Ian and S. A. Hall*, 1988. Paleomagnetic rotations in the Pontide orogenic belt of northwestern Turkey: collision or strike-slip origin?: Symposium on Paleomagnetic Constraints on Crustal Motions, Texas A&M University.

Beaubouef, R*., J. F. Casey, S. A. Hall and **Ian Evans**, 1988. Cambro-Ordovician apparent polar wander path for North America: Evidence from Newfoundland: Symposium on Paleomagnetic Constraints on Crustal Motions, Texas A&M University.

Nowicki, M. J*., S. A. Hall and **Ian Evans**, 1990. Paleomagnetic evidence for local and regional post-Eocene rotations in northern Mexico: Trans. Am. Geophys. Union., v. 70, No. 43, p. 1343.

Evans, Ian*, S. A. Hall, M. Saribudak, and A. Aykol, 1990. Preliminary paleomagnetic results from Paleozoic rocks of the Istanbul-Zonguldak region, north-west Turkey: Trans. Am. Geophys. Union, v. 71, No. 43, p. 1605.

Evans, Ian*, S. A. Hall, M. Saribudak, and A. Aykol, 1991. A paleomagnetic analysis of the Paleozoic units of the Istanbul Nappe, northwestern Anatolia, XXth. General Assembly of IUGG, Vienna, GAM 1.11, p. 90.

Cate, A. S*., and **Ian Evans**, 1992. Factors contributing to the differential preservation potential of live and time-averaged shell material from Texas

coastal bays: A preliminary report: Abstracts, Geol. Soc. America, South-Central Section, Annual Meeting.

Cate, A. S* and **Ian Evans**, 1992. The taphonomic significance of biomechanical fragmentation of live molluscan shell material by Pogonias cromis (Black Drum) in Texas Coastal Bays: Abstracts, Geol. Soc. America, Annual National Meeting.

Hall, S. A* and **Ian Evans**, 1993. Paleomagnetic and rock magnetic properties of hydrocarbon reservoir rocks from the Permian Basin, Eastern New Mexico: Symposium on Paleomagnetic Applications in Hydrocarbon Exploration and Production, Geological Society of London.

Cate, A. S. and **Ian Evans***, 1995. Taphofacies patterns of molluscan faunas in the taphonomically active zone (TAZ) of Corpus Christi and Nueces Bays, Texas: Abstracts, American Association of Petroleum Geologists, Annual National Meeting.

Norlund, P*, Copeland, P., Hall, S. A., **Ian Evans**, Claypool, P. and Ojha, T. P. 1995. $^{40}\text{Ar}/^{39}\text{Ar}$ and Magnetostratigraphic analysis of Himalayan foreland strata, the Siwalik Group, Dhansar Khola, southern Nepal: constraining uplift within the Himalaya: Geol. Soc. America, Annual National Meeting.

*Indicates speaker.

PAPERS:

Evans, Ian, and T. T. Davies, 1969. The distribution pattern of shelled benthic mollusca in Anasco Bay, Puerto Rico. Annual Report of the Puerto Rico Nuclear Center.

Stanton, R. J. and **Ian Evans**, 1971. Environmental controls of benthic macro-faunal patterns in the Gulf of Mexico adjacent to the Mississippi Delta; Gulf Coast Association of Geological Societies Transactions, v. XXI, p. 371-378.

Stanton, R. J. and **Ian Evans**, 1972. Recognition and interpretation of modern molluscan biofacies - Mississippi Delta area: *in* Contributions on the Geological and Geophysical Oceanography of the Gulf of Mexico, Eds. R. Rezak and V. J. Henry, v. 3, Chapt. 7, p. 203-222.

Stanton, R. J. and **Ian Evans**, 1972. Community structure and sampling in paleoecology; Journal of Paleontology, v. 46, p. 845-858.

Evans, Ian, C. G. St. C. Kendall and J. E. Warme, 1974. Jurassic sedimentation in the High Atlas Mountains, Morocco; Geology, v. 2, p. 295-296.

- Evans, Ian**, C. G. St. C. Kendall and J. C. Butler, 1977. Genesis of Liassic shallow and deep-water rhythms in the central High Atlas Mountains, Morocco; *Journal of Sedimentary Petrology*, v. 47, p. 120-128.
- Evans, Ian**, and C. G. St. C. Kendall, 1977. Deep-water carbonates of the central High Atlas Mountains, Morocco; *in* *Deep-Water Carbonate Environments*, Eds. H. E. Cook and Paul Enos, SEPM Special Publication No. 25, p. 249-261.
- Evans, Ian**, S. A. Hall, M. F. Carman, M. Senalp and S. Coskun, 1982. A paleomagnetic study of the Bilecik Limestone (Jurassic), northwestern Anatolia; *Earth and Planetary Science Letters*, v. 61, p. 199-208.
- Evans, Ian**, 1982. Northwest Turkey; *in* *Jurassic Carbonates of the Mediterranean region: Geologic Analysis and Models*, Eds. J. Shelton and W. Meyers, v. IV, Chapt. 15, p. 557-582, ERICO, Tectomap N. V., London.
- Kleist, R. J., S. A. Hall, and **Ian Evans**, 1984. A paleomagnetic study of the Lower Cretaceous Cupido Limestone, N. E. Mexico: Evidence for local rotation within the Sierra Madre Oriental; *Geological Society of America Bulletin*, v. 95, p. 55-60.
- Hall, S. A. and **Ian Evans**, 1988. A paleomagnetic analysis of the Ordovician Table Head Group, western Newfoundland; *Canadian Journal of Earth Sciences*, 25: 1407-1419.
- Beaubouef, R., J. F. Casey, S. A. Hall, and **Ian Evans**, 1990. A paleomagnetic investigation of the Lower Ordovician St. George Group, Port au Port Peninsula, Newfoundland: implications for the Iapetus Ocean and evidence for Late Paleozoic remagnetization; *Tectonophysics*, v. 182, p. 337 - 356.
- Evans, Ian** and S. A. Hall, 1990. Paleomagnetic constraints on the tectonic evolution of the Sakarya Continent, northwestern Anatolia; *Tectonophysics*, v. 182, p. 357 - 372.
- Evans, Ian**, S. A. Hall, M. Saribudak, and A. Aykol, 1991. Preliminary paleomagnetic results from Palaeozoic rocks of the Istanbul - Zonguldak region, NW Turkey; *Bulletin of the Technical University of Istanbul*, v. 44, p. 165 - 190.
- Evans, Ian** and S. A. Hall, 1991. Paleomagnetic constraints on the tectonic evolution of the Sakarya Continent, northwestern Anatolia - reply; *Tectonophysics*, v. 200, p. 320 - 323.
- Cate, A. S., and **Ian Evans**, 1992. Life histories and population structure of Pennsylvanian brachiopods from north-central Texas as determined from size-frequency analysis; *Journal of Paleontology*, v. 66, p. 868 - 880.

- Nowicki, M. J., S. A. Hall, and **Ian Evans**, 1993. Paleomagnetic evidence for local and regional post-Eocene rotations in northern Mexico; *Geophysics Journal International*, v. 114, p. 63 - 75.
- Cate, A. S., and **Ian Evans**, 1994. Biomechanical fragmentation of live molluscan shell material by *Pogonias cromis* (Black Drum) in Texas coastal bays; Source of bias in the fossil record?; *Palaios*, v. 9, p. 254 - 274.
- Hall, S. A. and **Ian Evans**, 1995. Paleomagnetic and rock magnetic properties of hydrocarbon reservoir rocks from the Permian Basin, Eastern New Mexico, USA; *in* *Paleomagnetic Applications in Hydrocarbon Exploration and Production*, *Eds.* P. Turner and A. Turner, Geological Society of London Special Publication No. 98, p. 79 - 95.
- Glenn-Sullivan, E. C. and Evans, I. 2001. The effects of time-averaging and taphonomy on the identification of reefal sub-environments using larger foraminifera: Apo Reef, Mindoro, Philippines; *Palaios*, v. 16, p. 399 – 408.

SERVICE COMPONENT:

Departmental Service

Graduate Advisor 1977 - 1987.
Member, Personnel Committee 1975 - 1978; 1990 - 1991.
Member, Materiel Committee 1977 - 1979. 1982 - 1987. 1996 - 1997.
Chairman, Materiel Committee 1982 - 1986; 1995 - 1996.
Map Room Organization 1982 - 1985. 1990 - 1996
Co-Coordinator (With J. F. Casey) Short Course, The Principles of Tectonics, 1988.
Undergraduate Advisor 1993 - 1997.

College Service

Member, College Self-Study Committee 1975.
Member, Curriculum Committee 1976 - 1977.
Member, Graduate Studies Committee 1977 - 1987.
Chairman, Graduate Studies Committee 1977 - 1979.
Chairman, Ad Hoc Grievance Committee - Summer 1978.
Spring Semester, 1981.
Spring Semester, 1982.
Member, College Policy Committee 1990 - 1994.
Chairman, College Policy Committee 1992 - 1994.
Member, Ad Hoc Grievance Committee - Spring Semester, 1990.
- Fall Semester, 1990.
- Spring 1994.
Member, NS&M Curriculum Committee 1994 – 2004
Chairman, NSM Curriculum Committee 2004 - Present
Chairman, College Scholarship Committee 2000 – Present
College Academic Honesty Officer 2000 - Present

University Service

Member, Graduate and Professional Studies Council 1984 - 1988.
Chairman, Graduate and Professional Studies Council 1985 - 1986.
Member, Academic Council 1985 - 1986.
Member, University Calendar Committee 1985 - 1987.
Member, Research Planning Committee 1987 - 1988.
Member, Vice-Chancellor for Academic Affairs Search Committee 1985.
Member, Faculty Senate 1992 - Present
Member, Faculty Senate Budget Committee 1992-1995
Chairman, Faculty Affairs Committee 1996.
Member, Faculty Senate Executive Committee 1996.
Member, University Center Policy Board 1995 - 1996.

Member, Tenure Issues Task Force 1996
Member, Moores Scholars Program Review and Evaluation Committee 1996.
Member, Committee to Recruit Highly Qualified Students, 1997
Member, Faculty Senate Budget Committee 1997
UH Representative to the Texas Higher Education Coordinating Board
Transfer Advisory Committee 2002 – 2005
Chairman, University Taskforce on Academic Honesty Policy 2003 -2004
Member, University Scholarship Committee, 2000 - Present

RESEARCH SUPPORT:

PROPOSALS

a) Funded

- 1979-1980. Geology and Geophysics of selected parts of Anatolia. NATO - Scientific Affairs Division. Co-PI M. F. Carman. **\$8,500.00.**
- 1988-1989. A Paleomagnetic Study of the Pontide Mountains in Northwestern Anatolia. National Science Foundation. Co-PI S. A. Hall - **\$12,500.**
- 1990-1991. Early burial history of Recent molluscan faunas in Texas coastal bays and its implication for preservation of life histories in paleoecology. University of Houston, Coastal Center. Co-PI A. S. Cate. **\$2,425.00.**
- 1990-1991. Paleomagnetic and rock magnetic characteristics of hydrocarbon saturated rocks from the Permian Basin of west Texas. University of Houston Energy Laboratory. Co-PI S. A. Hall. **\$10,861.00.**
- 1990-1991. Geochemical "fingerprinting" of sedimentary rocks: an enhanced intra-basinal correlation technique. University of Houston Energy Laboratory. Co-PI J. F. Casey. **\$5,200.00.**
- 1991-1992. Taphonomy and stable isotope geochemistry of molluscan shell material from Texas coastal bays: Implications for paleoenvironmental interpretation. University of Houston, Coastal Center. Co-PI A. S. Cate. **\$3,000.00.**
- 1991 - 1992. Rock magnetic properties of hydrocarbon saturated reservoir rocks. University of Houston, Energy Laboratory. CoPI S. A. Hall. **\$7,285.00.**
- 1992 - 1993. Taphonomy and stable isotope geochemistry of molluscan shell material from Texas coastal bays: Implications for paleoenvironmental interpretation. University of Houston, Coastal Center, Co-PI A. S. Cate. **\$2,000.00.**

b) Not Funded

1980. A magnetostratigraphic study of Jurassic outcrops in the Pontide Orogenic Belt, Turkey. National Science Foundation. Co-PI's S. A. Hall and M. F. Carman. **\$135,433.00.**

- 1981. A paleomagnetic study of the Jurassic rocks of the Pontide Orogenic Belt, Turkey. National Science Foundation. Co-PI's S. A. Hall and M. F. Carman. **\$83,279.00.**
- 1982. Paleomagnetic studies of the Pontide Orogenic Belt and their application to the role of lithospheric microplates in the closure of the NeoTethys. NATO, Scientific Affairs Division. Co-PI S. A. Hall. **\$4,956.00.**
- 1982. A magnetostratigraphic study of the middle and upper Jurassic of Bulgaria. National Science Foundation. Co-PI's S.A.Hall, J. Channell and M. F. Carman. **\$21,712.00.**
- 1986. A paleomagnetic study of the Pontide Mountains of northwestern Anatolia. National Science Foundation. Co-PI S. A. Hall. **\$16,079.00.**
- 1987. A paleomagnetic study of the Pontide Mountains in northwestern Anatolia. American Chemical Society, Petroleum Research Fund. Co-PI S. A. Hall. **\$29,676.00.**
- 1989. The influence of in situ hydrocarbons on the magnetic properties of reservoir rocks: Implications for the nature and timing of diagenetic events related to the migration of oil. Advanced Research Program (ARP). Co-PI S. A. Hall. **\$98,691.00.**
- 1989. The influence of in situ hydrocarbons on the magnetic properties of reservoir rocks: Implications for nature and timing of oil migration. Energy Research Applications Program (ERAP). Co-PI S. A. Hall. **\$93,429.00.**
- 1990. Influence of in situ hydrocarbons on the magnetic properties of reservoir rocks. American Chemical Society, Petroleum Research Fund. Co-PI S. A. Hall. **\$39,163.00.**
- 1991. A paleomagnetic and structural study of interactions of crustal blocks with concave continental margins: Analysis of the Istanbul-Balkan Fragment, NW Anatolia, Turkey. National Science Foundation. Co-PI's S. A. Hall and T. Kusky. **\$118,677.00.**

b) Funded Non-Competative Research

- 1971 - 1974. Jurassic geology of the High Atlas Mountains of Morocco. National Science Foundation (Blocked currency funds) through the University of South Carolina. **\$25,000.00.**
- 1976. Tertiary geology of the Egyptian Red Sea coastal Plain. National Science Foundation (Blocked Currency Funds) through the University of South Carolina. **\$8,000.00.**
- 1977. Cretaceous geology of the Jerfara Plain, NW Libya. National Oil Company of Libya. **\$8,500.00.**
- 1983 - 1991. Support for establishment of Paleomagnetic Research Laboratory. Various oil companies including Shell, Texaco and Amoco. (with S. A. Hall). **\$30,000.00.**

