

B . G . M . J A M I E S O N

C U R R I C U L U M V I T A E

(To 1998 only)

PERSONAL DETAILS

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Barrie Gillean Molyneux Jamieson. Born Bristol, England, 31st. August 1934. Married with two daughters. UK/Australian citizen.

DEGREES

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**B.Sc.** 1955, **Ph.D.** 1959, University of Bristol, England  
**D.Sc.** 1975, University of Queensland.

OTHER QUALIFICATIONS (Past or present)

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Fellow of the Institute of Biologists, U.K.  
Fellow of the Australian Institute of Biologists  
Fellow of the Linnean Society, London  
Fellow of the Willi Hennig Society, New York  
Life member Association of Corpus Christi College, Cambridge  
Honorary Associate, Queensland Museum  
Correspondant du Muséum Nationl d'Histoire Naturelle, Paris

PROFESSIONAL CAREER

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1950 School certificate. 6 distinctions. 2 credits.

1952 Higher school certificate. Zoology, Chemistry and Physics.

1952-1955 Undergraduate, University of Bristol. B.Sc. Honours in Zoology.

1955-1956 Ph.D. student and first Goldsmiths' Scholar, University College of East Africa

1956-1957 Visiting Scholar (Goldsmiths' and Museum grants) British Museum (Natural History), continuing Ph.D. work.

1957-1958 Residential year as Ph.D. student (D.S.I.R. grant) University of Bristol

1958-1961 Education Officer, Government of Tanganyika. Wrote first book: Tropical Plant Types (Pergamon Press--6 pages contributed by J.F. Reynolds).

1961-1965 Senior Tutor and Lecturer in Zoology, University of Sydney

1965-1969 Lecturer in Zoology, University of Queensland

1968 Visiting Professor (salaried), University of Toronto, teaching invertebrate zoology and parasitology. Co-authored book, with R.O. Brinkhurst: *The Aquatic Oligochaeta of the World*. Visitor in British and Hamburg Museums.

1970-1976 Senior Lecturer, University of Queensland.

1973 Visiting Fellow, University of London, Bedford College on Royal Society-Nuffield grant. Also at British Museum. Visitor Turin, Paris and Hamburg Museums.

1976-1989 Reader (Associate Professor) in Zoology, University of Queensland.

1980-1981 Visitor (1 month), Bioluminescence Laboratory, University of Georgia (fares and honorarium paid).  
Visitor, University of Cambridge, resident in Churchill College (5 months) with period in University of Keele. Completed book: *The Ultrastructure of the Oligochaeta* (Academic Press).

1982. Keynote speaker (fully sponsored) International Symposium on Aquatic Oligochaeta, Pallanza, Italy.

1984 Senior Research Scholar/Visiting Fellow, Corpus Christi College, Cambridge.

Invited Visitor on Swedish NRC funding to laboratories of Professor Björn Afzelius, Wenner-Gren Institute, and Professor Åke Franzén, Swedish Museum of Natural History, Stockholm, and on Italian NRC to Professor M. Ferraguti, University of Milan.

1985. Invited to become ultrastructural advisor to the Bioluminescence laboratory, University of Georgia, Athens, U.S.A.

1986 Invited speaker (fully sponsored) to give Yasuzumi Memorial Address, Fifth International Symposium on Spermatology, Fujiyoshida, Japan.

Invited speaker (fully sponsored) Polychaete Ultrastructure Workshop, Osnabrück, West Germany.

1987. Invited to give seminar on Spermatozoa and Phylogeny, University of Sydney.

Invited to write chapter on microscopic anatomy of the Oligochaeta for 15 volume work on Invertebrates for the publisher Alan R. Liss, U.S.A.

1989 - present. Professor of Zoology, University of Queensland.

1990. Visiting Professor Rhodes University, Grahamstown, S. Africa.  
Visiting Fellow Corpus Christi College, Cambridge. Visitor Stazione

Zoologica, Naples; Smithsonian Institution, Washington.

1992 First European Conference on Crustacea, at the University of Paris. Delivered paper on Ultrastructure and phylogeny of crustacean spermatozoa with particular reference to the Brachyura.  
Paper to Willi Hennig Symposium on Zoogeography of earthworms of New Caledonia.

1993 International Senckenberg Symposium on Crustacea Decapoda. Poster on Phylogeny of Brachyuran spermatozoa. Collaborating with Dr. Danièle Guinot and Dr. Jean-Lou Justine.

Elected to Bonus Qualité Research group, National Museum of Natural History, Paris, for contributions to crab phylogeny.

1994. Organizing panel and speaker, 7<sup>th</sup> International Symposium of Spermatology, Cairns, Australia.

1995 Invited Professor (salaried), National Museum of Natural History, Paris.

1996 Invited plenary speaker, 2nd International Crustacean Conference, Liège

Made Correspondant du Muséum, for life, National Museum of Natural History, Paris.

1998 Invited speaker (fully sponsored), 8th International Symposium on Spermatology, Montreal

Visitor National Museum of Natural History, Paris

#### BOARDS OF INTERNATIONAL JOURNALS

Journal of Submicroscopic Cytology

Journal of Reproduction and Development

Acta Zoologica, for Swedish-Norwegian Academy of Sciences

Zoosystema, Paris.

Advisory Council Zoologica Scripta, for Swedish-Norwegian Academy of Sciences

Past member, Advisory Committee for CSIRO Australian Journal of Zoology

#### INVITED CONFERENCES AND SEMINARS (RECENT)

1990

The International Crustacean Conference, Brisbane

Ultrastructure and phylogeny of crustacean spermatozoa (Plenary lecture)

Rhodes University, Grahamstown, S. Africa

The ultrastructure and phylogeny of Brachyuran spermatozoa

Vith International Symposium of Spermatology, Siena, Italy  
Chairman, section on Sperm Ultrastructure as a Tool in Taxonomy.  
Invited oral paper: The ultrastructure and phylogeny of Brachyuran spermatozoa

Department of Biochemistry, University of Georgia at Athens  
Invited seminar: The ultrastructure and phylogeny of fish spermatozoa

Zoology Department, University of Texas at Austin  
Invited seminar: The ultrastructure and phylogeny of fish spermatozoa

1991

Australian Marine Sciences Association Conference, Brisbane  
Influences of phylogenetic position and fertilization biology on spermatozoal ultrastructure in exocoetoid fish (Poster)

1992

Conference of the Willi Hennig Society, Paris  
Constitution and biogeographic affinities of the earthworm fauna (Megascolecidae: Oligochaeta) of New Caledonia

First European Crustacean Conference, Paris, France  
The phylogeny of brachyuran spermatozoa (Decapoda, Crustacea)

Department of Biology, Central Michigan University, U.S.A.  
The evolution of crustacean spermatozoa

1993

International Senckenberg Symposium: Crustacea, Decapoda, Frankfurt, Germany  
Spermatozoal ultrastructure and phylogeny of the Podotremata (Crustacea, Brachyura)

Herpetology Conference, Adelaide  
Poster session (with J. Healy): Spermatozoal evidence for the basal position of the tuatara (*Sphenodon*) in amniote phylogeny

1994

VIIth International Symposium on Spermatology, Cairns, Australia  
Organizing Committee.  
Convener and Chairman - Session 4: Evolution and Systematics  
Convener, Editor and Chairman- Session 5: Advances in Spermatozoal Taxonomy & Phylogeny  
Phylogeny of the Brachyura with particular reference to the Podotremata (Crustacea, Decapoda)

1995

National Museum of Natural History, Paris.  
Phylogeny of the Brachyura

1998

VIIIth International Symposium on Spermatology, Montreal  
Spermatozoal evolution of the Tetrapoda.

## GRANTS AWARDS AND DONATIONS

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Many grants have been received but the most important has been large Australian Research Council funding from 1970 to 2000, interrupted for only one year.

Recipient of major library of Prof. G.E. Pickford, Emeritus Professor, Harvard University.

Australian Department of Foreign Affairs grant for travel to Italy and Cambridge for work on the human blood fluke, *Schistosoma*, 1985.

Swedish National Research Council Grant for travel to and work in Wenner-Gren Institute and Swedish Museum of Natural History, with Professors Afzelius and Franzén, 1985.

University of Milan Grant for work in there with Professor M. Ferraguti, 1985.

Many fully sponsored visits to international conferences.

Awarded the Clarke Medal of the Royal Society of New South Wales, 1990, for contributions to Natural Science.