

William Joseph Whelan

Personal Information

Born: Salford, near Manchester, U.K., November 14, 1924
Married (1951) Margaret M. Whelan (nee Birnie) (deceased 1993)
Married (2009) Alina P Whelan (previously Akin)

Education

University of Birmingham 1942-48
B.Sc. 1944
Ph.D. 1948
D.Sc. 1955

All in organic chemistry

Professional Employment

1947-48 Assistant Lecturer in Chemistry, University of Birmingham
1948-55 Assistant through Senior Lecturer, University College of North Wales, Bangor
1956-64 Senior Member, The Lister Institute of Preventive Medicine, University of London
1964-67 Professor and Head of the Department of Biochemistry, Royal Free Hospital School of Medicine, University of London
1967-91 Professor and Chairman (until 1991), Department of Biochemistry And Molecular Biology, University of Miami School of Medicine
1991 - Professor and Chairman Emeritus, Department of Biochemistry and Molecular Biology, University of Miami School of Medicine

Research Interests

The structures of storage polysaccharides, the mechanisms of their synthesis and degradation, and the elucidation of the roles of primer proteins in the biogenesis of polysaccharides, especially glycogen and starch. The glycemic response to digestible carbohydrate and non-carbohydrate -containing foods.

Offices Held in National and International Organizations

1959-67 Meetings and International Secretary of the British Biochemical Society
1965-67 First Secretary General of the Federation of European Biochemical Societies (FEBS)
1970-72 First Secretary General of the Pan-American Association of Biochemical Societies
1973-83 General Secretary of the International Union of Biochemistry
1976-81 First Chairman of the Committee on Genetic Experimentation of the International Council of Scientific Unions (ICSU)
1983-89 Chairman, The ICSU Press

1990-93	Member of ICSU's Committee on Biotechnology and Unesco's Biotechnology Advisory Committee
1993-98	Director, Enterprise Florida Technology Development Board
1994-98	President, Portland Press Inc.
1997-00	President, International Union of Biochemistry and Molecular Biology
1999-2003	President, Frontiers of Knowledge Foundation, Inc.
2000-	Editor-in-Chief, IUBMB Life
2002-2006	Juror, Rey Jaime Prize in Research , Spain
2008-	Chair, IUBMB Committee of Honorary Advisors

Editorial Boards

Founding Editorial Board member of:

European Journal of Biochemistry
 FEBS Letters
 Biotechnology and Applied Biochemistry
 Biochemistry and Molecular Biology International
 IUBMB Life

First Editor-in-Chief of:

Trends in Biochemical Sciences (1975-78)
 BioEssays (1983-88)
 The FASEB Journal (1986-96)

Symposia Organization

1968- Founder and Director, The Miami Winter Symposia

Honors and Awards

1967 Alsberg Award (American Association of Cereal Chemists)
 1969 Ciba Medal (British Biochemical Society)
 1974 Diplome d'Honneur (FEBS)
 1975 Award of Merit (Japanese Society of Starch Science)
 1979 Saare Medal (German Association of Cereal Research)
 1985 Wood-Whelan Fellowships of the International Union of Biochemistry And Molecular Biology
 1985 Honorary Member, Royal College of Physicians of London
 1989 Fellow of the American Association for the Advancement of Science
 1992 Fellow of the Royal Society of London
 1993 Honorary Member, British Biochemical Society
 1997 Honorary D.Sc. La Trobe University
 2000 FEBS Millennium Medal
 2001 Honorary Member, Spanish Society for Biochemistry and Molecular Biology
 2006 Distinguished Faculty Scholar Award, University of Miami

Publications 344 + 24 edited books

