

ROBERT F. O'CONNELL - VITA (March, 2013)

**PRESENT POSITION:** Boyd Professor and Professor of Physics, Dept. of Physics, Louisiana State University, Baton Rouge, Louisiana 70803, USA

**EDUCATION:**

B.Sc. (1st Honors), National University of Ireland, Galway, 1953  
Ph.D., University of Notre Dame, USA, 1962

**PROFESSIONAL EXPERIENCE:**

- 1953-1954: Assistant Lecturer in Physics, University College,  
Galway, National University of Ireland
- 1954-1958: Telecommunications Engineer, Department of Posts  
and Telegraphs, Ireland, involving technical work  
(Dublin, '54-'56) and technical work, administration  
and supervision of staff (Limerick, '56-'58)
- 1958-1962: Graduate student, University of Notre Dame
- 1962-1963: Scholar, School of Theoretical Physics, Dublin  
Institute for Advanced Studies, Dublin, Ireland
- 1963-1964: Systems Analyst, IBM, Dublin
- 1964-1966: Assistant Professor of Physics, Department of  
Physics and Astronomy, Louisiana State  
University (LSU), Baton Rouge, Louisiana
- 1966-1968: National Academy of Sciences-National Research  
Council Senior Research Associate at NASA  
Institute for Space Studies, New York (on leave-of-  
absence from position of Associate Professor, LSU)
- 1966-1969: Associate Professor of Physics, LSU
- 1969-1986: Professor of Physics, LSU
- 1986- Boyd Professor, Dept. of Physics, LSU

## **VISITING SCIENTIST**

Midwestern Universities Research Association (Summer 1959); Oak Ridge National Laboratory (Summer 1965); Institute for Space Studies (1966-1968); Cambridge University (Summer 1970); Montana State University (Summer 1971); Lawrence Livermore Laboratory (Summer 1973 and Consultant 1994); ICTP, Trieste (September, 1975); University of Paris, Orsay (November, 1975) University of Trondheim (December, 1975); Oxford University (January-March, 1976); Queen Mary College (April-June, 1976); Laboratoire Aime Cotton, Orsay (Summer 1983); Universidade Federal de Santa Catarina, Florianopolis, Brazil (December, 1987); Max-Planck Institute for Quantum Optics, Munich (Summers 1981-1983, 1988, 1990); Technical University of Denmark (July 1994); Bilkent University, Ankara (June, 2004); University of Ulm, Germany (Summers 1992, 1998-2006, 2008,2009,2011); Institute for Advanced Studies, Dublin (October, 1975 and Summers 1977, 1985-1992 and 1994-2012).

## **AWARDS AND RECOGNITION**

- Sir J.J. Larmor Prize in physics, University College Galway, National University of Ireland, 1953.
- National Academy of Sciences-National Research Council Fellowship at NASA Institute for Space Studies, New York 1966-68.
- LSU Council on Research Summer Fellowship, 1964 and 1975.
- Distinguished Research Master, Louisiana State University, 1975
- D.Sc., National University of Ireland, 1975
- Senior Visiting Fellowship, from Science Research Council (England), at Oxford University and Queen Mary College, London, January - June, 1976.
- Appointed Boyd Professor by the LSU System, 1986. This is the highest professional rank awarded by the University and embraces all disciplines.
- LSU Faculty Senate Vice-President ('85 - '86) and President ('86 - '87).
- Board Member, Physical Review A, Jan. 1995 - Dec. 2000.
- Board Member, Hadronic Journal and Hadronic Journal Supplement, 1995 - present.
- Advisory Board, Journal of Physics A: Mathematical and General, 2006-present
- Board Member, Journal of Atomic, Molecular, and Optical Physics, 2008-present
- Fellow of the American Physical Society (since 1969)

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- In 1995, the American Physical Society presented free copies of the massive volume "The Physical Review: The First Hundred Years" to a very select number of referees who had rendered exceptional service over the years. I was among this group.
- Chosen, in Feb. 2008, as " - - - one of the inaugural group of 534 Outstanding Referees - - - " out of 42,000 referees (representing <1.5% of the total) by the American Physical Society and received recognition at the recent APS March 2008 meeting in New Orleans.