

## Curriculum Vita and Publication List

**Stephen J. Wallace**  
**Full Professor**

### I. Education:

B.S.	Case Institute of Technology	1961	Engineering
M.S.	University of Washington, Seattle	1969	Physics
Ph.D.	University of Washington, Seattle	1971	Physics

### II. Experience in Higher Education:

Univ. of Washington, Seattle	1968-71	Predoctoral Research Associate
University of Florida	1971-72	Research Associate
Harvard University	1972-74	Research Associate
University of Maryland	1974-78	Assistant Professor
University of Maryland	1978-83	Associate Professor
University of Maryland	1983-	Full Professor
University of Maryland	1994-99	Chair, Department of Physics
Jefferson Laboratory	1999-00	Visiting Professor

### III. Experience Other Than in Higher Education:

Boeing Co., Seattle, WA	1961-68	Engineer
National Bureau of Standards	1981-82	Sabbatical Leave
Theory Div., Los Alamos National Lab	1988	Consultant (Sabbatical Leave)
Inst. of Theor. Physics, U. of Utrecht	1989	Vis. Professor (Sabbatical Leave)
Hebrew U. of Jerusalem, Israel	1989	Scheinbrun Vis. Professor (Sabbatical Leave)
Jefferson Laboratory	1999-00	Sabbatical Leave

### IV. Selected Publications:

- EIKONAL EXPANSION, S. J. Wallace, *Ann. Phys. (N.Y.)* **78** (1973), 190-257.
- IMPULSE APPROXIMATION DIRAC OPTICAL POTENTIAL, J. A. McNeil, J. R. Shepard and S. J. Wallace, *Phys. Rev. Lett.* **50** (1983) 1439-1442.
- RELATIVISTIC EQUATION FOR NUCLEON-NUCLEUS SCATTERING, S. J. Wallace, in *Annual Review of Nuclear and Particle Science*, Vol. 37, ed. J. D. Jackson (Annual Review, Inc., Palo Alto, 1987), pp. 267-292.
- LOW ENERGY THEOREM FOR SCALAR AND VECTOR INTERACTIONS OF A COMPOSITE SPIN-1/2 SYSTEM, S. J. Wallace, F. Gross and J. Tjon, *Phys. Rev. Lett.* **74** (1995) 228.
- RELATIVISTIC BOUND-STATE EQUATIONS IN THREE DIMENSIONS, D. R. Phillips and S. J. Wallace, *Phys. Rev. C* **54**, 507 (1996).
- APPROXIMATE BOOST OF THE RELATIVISTIC TWO-BODY PROBLEM IN THE INSTANTANEOUS FORMALISM, S. J. Wallace, *Phys. Rev. Lett.* **87**, 18040-1 (2001).

V. Professional Activities:

American Physical Society

Referee for Physical Review A, C, D, E; Annals of Physics; Nuclear Physics, Physical Review Letters, Physics Letters, Journal of Physics G, Physica Scripta, National Science Foundation, and U.S. Dept. of Energy

Member, LAMPF Program Advisory Committee (LPAC) 1982-84

Chairman, High Resolution Proton Spectrometer Subcommittee (LPAC) 1983-84

Chairman of Nucleon Physics Subcommittee, 1990 -

Member, Energetic Pion Channel and Spectrometer Subcommittee (LPAC)

Guest Worker, Radiation Physics Division, National Bureau of Standards

Editorial Board, Physical Review C, 1989-91

DOE Review Panel for Los Alamos Meson Physics Facility, 1988

NSF Site Review Panel for Indiana Univ. Cyclotron Facility, 1990 -

Organizing Com., "From Fundamental Fields to Nuclei", Boulder, CO 1990;

"Relativity in the Deuteron and Few Body Systems", Newport News, VA 1993

Member, Executive Committee, American Physical Society, Nuclear Physics Division, 1993-95

Nuclear Science Adv. Com. subcommittee on NSF-sponsored National User Facilities for Nuclear Physics, Dec. 1992–Feb. 1993

Member, NSF Committee of Visitors for Physics Division, 1994

Member, NSF Panel in Nuclear Theory, 1997-98

Member, Bonner Prize Committee of American Physical Society, Division of Nuclear Physics, 1997-98

DNP Fellowship Com. 2002

Divisional Assoc. Editor, Phys. Rev. Lett., 2002-03

NSAC subcommittee on Performance Measures for Nuclear Physics, 2003

Chair, Com. on Constitution and Bylaws, American Physical Soc., 2002

Com. on Broadcast Journalism Award, American Physical Soc., 2001-2013

Vice Chair, Board of Trustees, SURA, 2002-03

VI. Honors and Awards:

Leonard Case Honor Scholarship, 1957

Boeing Company Ph.D. Fellowship, 1968

N.D.E.A.-IV Fellowship, 1970

Appointed Donders Chair, Inst. of Theoretical Physics, Univ. of Utrecht, The Netherlands, 1989

Fellow of American Physical Society, 1990