

# CURRICULUM VITAE

**Reed A. Guy**

## PRESENT POSITION:

Professor of Physics, Seattle University

## EDUCATIONAL BACKGROUND:

B.S., Physics, 1966, University of Alabama

Ph.D., Theoretical Nuclear Physics, 1970, University of Virginia; Dissertation: Radiative Pion Absorption in Nuclei ; Dissertation Director: Judah M. Eisenberg

## PROFESSIONAL EXPERIENCE:

1970-1974: Assistant Professor of Physics and Astronomy, University of Wisconsin-Oshkosh, Oshkosh, Wisconsin

1975-1977: Assistant Professor of Physics, Seattle University, Seattle, Washington

1977-1990: Associate Professor of Physics, Seattle University

1990-Present: Professor of Physics, Seattle University

1978-1990; 1995-1998; 2004-2008: Chairperson, Physics Department, Seattle University

## AREAS OF SCHOLARLY INTEREST:

Philosophy of science; foundations of quantum mechanics; cosmology.

## HONORS, AWARDS:

The Distinguished Undergraduate Scholar of 1966 at the University of Alabama, Phi Beta Kappa, Sigma Pi Sigma, Sigma Xi, Seattle University Summer Faculty Fellowship (1986, 1990)

## PROFESSIONAL SOCIETIES:

American Physical Society, American Association of Physics Teachers

## PUBLICATIONS and SCHOLARLY WRITING:

1. "Double-Nucleon Emission Following the Absorption of Bound Pions," (with J.M. Eisenberg), Nuclear Physics A112 (1968) 689.
2. "Rescattering Corrections in Radiative Pion Absorption," (with J.M. Eisenberg), Nuclear Physics B11 (1969) 601.
3. "The Validity of Soft pion Theorems for Radiative pion Absorption in Nuclei," (with J.M. Eisenberg and L.P. Fulcher), Physics Letters 29B (1969) 338.
4. "Radiative Pion Absorption in Medium and Heavy Nuclei," (with J.M. Eisenberg), Physics Letters 33B (1970) 137.
5. "Nuclear Photoemission Following Radiative Pion Absorption," (with J.M. Eisenberg), Canadian Journal of Physics 49 (1971) 1897.

6. "Higher-Order Corrections to the Optical Potential for Kaonic Atoms," (with J.M. Eisenberg), *Canadian Journal of Physics* 50 (1972) 57.
7. "Radiative pion Absorption in complex Nuclei," *Nuovo Cimento* 11A (1972) 1006.
8. "The  $(P, \pi^+)$  Reaction on Light Nuclei," (with J.M. Eisenberg), *Bulletin of the American Physical Society* 72 (1972) 918.
9. "Pion Production by 600 MeV Protons on Light Nuclei," (with J.M. Eisenberg), *Physics Letters* 43B (1973) 20.
10. "Note on Bell's Theorem and the Foundations of Quantum Physics," (with R.J. Deltete). *American Journal of Physics* 56 (1988) 565.
11. "Einstein and EPR," (with R.J. Deltete), *Philosophy of Science* 58 (1991) 377.
12. "Einstein's Opposition to the Quantum Theory," (with R.J. Deltete), *American Journal of Physics* 58 (1990) 673.
13. "Fine, Einstein, and Ensembles," (with R.J. Deltete), *Foundations of Physics* 20 (1990) 943.
14. "Bohr, Einstein, and Separability," (1990, with R.J. Deltete), unpublished manuscript.
15. "Elementary Reflections on the Interpretation of the Foundations of Quantum Mechanics," translation (1989, with R. Deltete) of the German original of a paper by E. Einstein, unpublished.
16. "Introductory Remarks on the Fundamental Concepts," translation (1989, with R. Deltete) of the German original of a paper by E. Einstein, unpublished.
17. "Much Ado About Nothing: A Critique of Quantum Cosmogogenesis," with R. Deltete, *Perspectives on Science* 3:3 (1995).
18. "Emerging from Imaginary Time," with R. Deltete, *Synthese* 108 (1996) 185.
19. "The Hartle-Hawking Cosmology, Unconditional Probabilities, and the Uncaused Emergence of the Universe from Nothing," *Analysis* 57 (1997) 304.
20. "On Getting Something from Nothing" (with R. Deltete) In E. Gunzig and S. Diner, eds., *Le Vide: Univers du Tout et de Rien* (Revue de l'Université de Bruxelles, 1998).
21. "Quantum Nonlocality", a manuscript based on 1999-2000 sabbatical work, unpublished.
22. "Einstein, Gödel, and Incompleteness", in preparation.

#### UNIVERSITY SERVICE:

1. Chairperson, Academic Council, 1984/85, 1985/86, 1987/88, 1988/89, 1989/90.
2. Chairperson, Academic Planning Committee, 1984/85, 1985/86, 1987/88, 1988/89, 1989/90.
3. President, Faculty Senate, 1981/82, 1982/83.
4. Vice-president, Faculty senate, 1978/79, 1979/80, 1980/81
5. Secretary, Faculty Senate, 1983/84
6. At-Large Representative, Faculty Senate, 1975/76, 1976/77, 1977/78
7. Seattle University Radiation Safety Officer, 1985-1999.
8. Seattle University Rank and Tenure committee, 1990-1993.
9. Seattle University Faculty Handbook Revision Committee, 1992-1997.
10. College of Science and Engineering Faculty Development committee, 1991-1996.
11. College of Science and Engineering Personnel Committee, 1995-2008.