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CURRICULUM VITAE FOR A PROSPECTIVE NOMINEE

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Education Institution	Field of Study	Year Conferred
University of Surrey, UK	Radiation Physics	Ph. D. [REDACTED]
St. Bartholomew's Hospital, London	Radiation Physics	M. Sc. [REDACTED] EXL
Oxford University, UK	Physics and Philosophy	B. A. [REDACTED]

Professional Experience (Two most recent past positions):

Position Title	Organization	Dates
Professor of Radiation Oncology & Public Health	College of Physicians & Surgeons of Columbia University, New York	1994 [REDACTED]
Associate Professor of Radiation Oncology	"	1992—1993 [REDACTED]
Assistant Professor	"	1986—1992 [REDACTED]

Society Affiliations Radiation Research, Health Physics, ASTRO

Honors 1991 Radiation Research Society Annual Research Award
1992 NCRP Robert D. Moseley Award for Radiation Protection in Medicine

Publications (Attach list of representative publications)

Areas of interest related to NCRP activities (Select no more than three from enclosed list).

- Risk Analysis/Assessment
- Radiobiology
- Radiation Oncology

Date Nov. 1, 1994

Signature D Brenner
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Portions EX 6 B(11)

BOOK

"Radon, Risk and Remedy", D. J. Brenner (W. H. Freeman, New York, 1989).

PEER-REVIEWED PAPERS

- 1.* Brenner, D. J. and Smith, F. A. *Dose and LET distributions due to neutrons and photons emitted from stopped negative pions*. Phys. Med. Biol., 22, 451-465 (1977).
- 2.* Brenner, D. J. and Reading, D. H. *A method for measuring neutron spectra in a stopping pion field*, Nucl. Instr. Meth., 153, 137-144 (1978).
3. Jackson, D. F. and Brenner, D. J. *Nuclear interactions for medical purposes*, Prog. Part. Nucl. Phys., 5, 143-204 (1981).
- 4.* Brenner, D. J. *Monte Carlo self-shielding corrections for use with neutron spectrum unfolding codes*, Nucl. Sci. Eng., 78, 175-177 (1981).
5. Zaider, M., Dicello, J. F., Brenner, D. J., Takai, M., Raju, M. R. and Howard, J. *Microdosimetry of range-modulated beams of heavy ions I. Determination of the yield of projectile fragments from microdosimetric spectra for neon beams*. Radiat. Res., 87, 511-520 (1981).
- 6.* Brenner, D. J., Dicello, J. F. and Zaider, M. *An interpretation of some biological results obtained in range-modulated negative pion beams*, Int. J. Radiat. Oncol. Biol. Phys., 8, 121-126 (1982).
- 7.* Brenner, D. J. *Calculation of ionization distributions in a tissue-equivalent cloud chamber gas mixture*. Radiat. Res., 89, 194-202 (1982).
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9. Zaider, M., Brenner, D. J. and Wilson, W. E. *The application of track calculations to radiobiology. I. Monte Carlo simulation of proton tracks*. Radiat. Res., 95, 231-247 (1983).
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- 11.* Brenner, D. J. and Zaider, M. *Soft x-rays as a tool to investigate radiation-sensitive sites in mammalian cells*. Proc. SPIE, 47, 172-179 (1983).
12. Goodhead, D. T. and Brenner, D. J. *Estimation of a single physical property of low LET radiations which correlates with their biological effect*. Phys. Med. Biol., 28, 485-492 (1983).
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- 14.* Brenner, D. J. and Zaider, M. *The application of track calculations to radiobiology.-II. Calculations of microdosimetric quantities*. Radiat. Res., 98, 14-25 (1984).
15. Zaider, M. and Brenner, D. J. *The application of track calculations to radiobiology.-III. Analysis of the molecular beam experiment results*. Radiat. Res., 100, 213-221 (1984).
16. Zaider, M. and Brenner, D. J. *On the stochastic treatment of fast chemical reactions*. Radiat. Res., 100, 245-256 (1984).
- 17.* Brenner, D. J. and Prael, R. E. *The $C(n,n')3\alpha$ cross-Section up to 60 MeV*. Nucl. Sci. Eng., 88, 97-101 (1984).
- 18.* Brenner, D. J. *Neutron kerma values above 15 MeV calculated with a nuclear model applicable to light nuclei*. Phys. Med. Biol., 29, 437-441 (1984).

- 19.* Brenner, D. J. and Zaider, M. *A computationally convenient parameterisation of experimental angular distributions of low energy electrons elastically scattered off water vapour.* Phys. Med. Biol., 29, 443-447 (1984).
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- 33.* Brenner, D. J. *On the probability of interaction between elementary radiation-induced chromosomal injuries.* Rad. Environ. Biophys. 27, 189-199 (1988)
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