

Richard Wakeford
Honorary
Division of Population Health, Health Services Research & Primary Care (L5)



Overview

Substantial expertise in epidemiology and risk assessment of ionising radiation.
Appointed Officer of the Order of the British Empire (OBE) "for services to the advancement of the science of radiation protection" in the King's Birthday Honours 2024.

Membership of professional bodies

Fellow of the Royal Statistical Society and Chartered Statistician
Honorary Fellow of the Society for Radiological Protection and Chartered Radiation Protection Professional
Fellow of the Institute of Physics, Chartered Physicist and Chartered Scientist
Member of the Nuclear Institute and Chartered Engineer

Employment History (prior to The University of Manchester)

1976-1977	Demonstrator, Department of Physics, University of Liverpool Continuing postgraduate research on proton-antiproton reactions using bubble-chamber photographs produced at CERN, Geneva. Some undergraduate teaching duties.
1977-1981	Shift Shop Manager/Technical Support Shop Manager/ Operations Shop Manager, British Nuclear Fuels plc, Centrifuge Operations, Capenhurst Works, Chester Responsible for the shift-to-shift and day-to-day running of the commercial gas centrifuge uranium enrichment plant. Conducting statistical analysis of plant performance data to improve the efficiency of the plant.
1981-1987	Senior Technologist, British Nuclear Fuels plc, Technical Services Department, Risley, Warrington Criticality specialist involved in the safety assessment of new and existing plants at Sellafield. Part of a team developing a large statistical simulation computer program for the analysis of neutron multiplication behaviour in a wide variety of systems, in the context of nuclear criticality safety.
1987-1993	Principal Research Scientist, British Nuclear Fuels plc, Health & Safety Directorate, Risley, Warrington Investigating the epidemiology of childhood leukaemia and nuclear installations, the statistical analysis of the spatial distribution of childhood leukaemia cases, the risks to health from exposure to radiation, including occupational exposures.
1993-2003	Principal Research Scientist, British Nuclear Fuels plc, Group Legal Department, Risley, Warrington As above, but with special responsibility for the preparation of technical material for legal cases. Also carrying out consultancy for external clients on epidemiological matters.
2003-2006	Principal Research Scientist, British Nuclear Fuels plc, Group Legal Department, Daresbury Park, Warrington As above, but at Daresbury Park, Warrington, rather than Risley, Warrington.

Qualifications

Doctor of Philosophy, University of Liverpool
Bachelor of Science, University of Liverpool

Employment

Honorary Professor

Honorary

Division of Population Health, Health Services Research & Primary Care (L5)

The University of Manchester

1 Jun 2020 → present

Member of Expert Group on Epidemiological Studies of Radiation and Cancer

United Nations Scientific Committee on the Effects of Atomic Radiation

United States

1 Jan 2020 → present

International Associate Editor

Journal of Radiation Research

Japan

28 Feb 2018 → present

Member of Committee to Develop Guidance Material on Radiation Health Risk for Occupationally Exposed Workers

International Atomic Energy Agency (IAEA)

Vienna, Austria

1 Jan 2018 → present

Member of the Advisory Board to the Centre for Health effects of Radiological and Chemical Agents

Brunel University

Middlesex, United Kingdom

1 Jan 2017 → present

Member of the External Advisory Board of the DoReMi Programme

European Commission

Brussels, Belgium

1 Jan 2010 → 1 Jan 2016

Member of ICRP Task Group 79 on Effective Dose

International Commission on Radiological Protection

Canada

1 Jan 2010 → present

Member of ICRP Task Group 64 on Risks from Plutonium and Uranium

International Commission on Radiological Protection

Canada

1 Jan 2010 → present

Member of the Subgroup on Human Radiosensitivity of the Advisory Group on Ionising Radiation

Health Protection Agency

London, United Kingdom

1 Jan 2009 → 1 Jan 2012

Member Technical Working Party

Compensation Scheme for Radiation-linked Diseases

United Kingdom

1 Jan 2006 → present

Expert Adviser to National Institute for Radiological Sciences, Chiba, Japan, on its research programme

National Institute for Radiological Sciences

Japan

1 Jan 2005 → 1 Jan 2009

Chairman of IAEA/ILO/WHO meeting on developing international guidance for aiding decision-making on the attribution of detrimental health effects to occupational exposure

International Atomic Energy Agency (IAEA)

Vienna, Austria

1 Jan 2003 → 1 Jan 2003

Member of Expert Panel to discuss Fifth Framework Programme

European Commission

Brussels, Belgium

1 Jan 1998 → 1 Jan 1998

Member of European Commission/US Nuclear Regulatory Commission Expert Panel on Somatic Health Effects

European Commission

Brussels, Belgium

1 Jan 1995 → 1 Jan 1996

Member of Technical Committee Meeting on Classification of Cancer by Probability of Radiation Induction

International Atomic Energy Agency (IAEA)

Vienna, Austria

1 Jan 1995 → 1 Jan 1995

Research outputs

What about the workers? An update

Wakeford, R., 3 Feb 2025, In: Journal of Radiological Protection. 45, 1, 011504.

Radiation in the workplace: an opportunity for substantial epidemiological evidence

Wakeford, R., 25 Nov 2024, *The Million Person Study of Low-Dose Radiation Health Effects*. Boice Jr., J. D., Bouville, A., Dauer, L. T., Golden, A. P. & Wakeford, R. (eds.). London: CRC Press, p. 7-10 4 p.

What about the workers?

Wakeford, R., 3 Jun 2024, In: Journal of Radiological Protection. 44, 2, 020202.

The radiation epidemiology of cancer - where do we stand now?

Wakeford, R., 24 Dec 2023, In: Annals of the ICRP. 52, 1-2 Annex, p. 208-239 32 p.

Solid cancer mortality among US radiation workers

Wakeford, R., 1 Dec 2023, In: International Journal of Epidemiology. 52, 6, p. 1992-1994 3 p.

The LNT risk model and radiological protection

Wakeford, R., Balonov, M., Boice, J. D., Niwa, O., Preston, R. J., Shore, R. E. & Harrison, J. D., 6 Oct 2023, In: Journal of Radiological Protection. 43, 4

The risk of cancer following high, and very high, doses of ionising radiation

Wakeford, R. & Hauptmann, M., 17 Jun 2022, In: Journal of Radiological Protection. 42, 2, 020518.

Risk of diseases of the circulatory system after low-level radiation exposure-an assessment of evidence from occupational exposures

Wakeford, R., 16 May 2022, In: Journal of Radiological Protection. 42, 2, 020201.

Evidence of cardiovascular disease risk in the workplace: A review

Wakeford, R., 15 May 2022, *Occupational Radiation Protection Enhancing the Protection of Workers — Gaps, Challenges and Developments : Proceedings of an International Conference Held in Vienna, Austria, 1–5 December 2014*. p. 133-137 5 p.

Response to Jargin

Wakeford, R., Mar 2022, In: *Journal of Radiological Protection*. 42, 1, 014502.

Radiation in the workplace - an opportunity for substantial epidemiological evidence

Wakeford, R., 2022, In: *International Journal of Radiation Biology*. 98, 4, p. 533-536 4 p.

Overview of epidemiological studies of nuclear workers: opportunities, expectations, and limitations

Wakeford, R., 23 Jun 2021, In: *Journal of Radiological Protection*.

The Fukushima nuclear accident-a decade on

Wakeford, R., 1 Jun 2021, In: *Journal of Radiological Protection*. 41, 2

A review of the types of childhood cancer associated with a medical X-ray examination of the pregnant mother

Wakeford, R. & Bithell, J. F., 4 May 2021, In: *International Journal of Radiation Biology*. 97, 5, p. 571-592 22 p.

Plutopia. Nuclear Families, Atomic Cities, and the Great Soviet and American Plutonium Disasters, by Kate Brown. Oxford: Oxford University Press; 2013

Wakeford, R., 1 Jan 2021, In: *Health Physics*. 120, 1, p. 98-99 2 p.

Purportedly High Cancer Risk among US Sailors on Nuclear-Powered Ships

Wakeford, R., 24 Jun 2020, In: *Cancer Investigation*. 38, 6, p. 372

John Francis Bithell (1939–2020)

Wakeford, R., 27 May 2020, In: *Journal of Radiological Protection*.

Ruby Anniversary of the Journal

Wakeford, R. & Thorne, M. C., 9 Jan 2020, In: *Journal of Radiological Protection*. 40, p. E1-E3

Chernobyl, Home Box Office (HBO)/Sky Atlantic television mini-series, May-June 2019

Wakeford, R., 8 Jan 2020, (E-pub ahead of print) In: *Journal of Radiological Protection*. 40, 1, p. 355-357

Atmospheric contamination with ruthenium-106 detected in Europe in Autumn 2017

Wakeford, R., 13 Sept 2019, (E-pub ahead of print) In: *Journal of Radiological Protection*. 40, 1, p. 358-360

Does Low-Level Exposure to Ionizing Radiation Increase the Risk of Cardiovascular Disease?

Wakeford, R., 1 Jun 2019, In: *Hypertension (Dallas, Tex. : 1979)*. 73, 6, p. 1170-1171 2 p.

THE DOSE AND DOSE-RATE EFFECTIVENESS FACTOR (DDREF).

Wakeford, R., Azizova, T. V., Dörr, W., Garnier-Laplace, J., Hauptmann, M., Ozasa, K., Rajaraman, P., Sakai, K., Salomaa, S., Sokolnikov, M., Stram, D., Sun, Q., Wojcik, A., Woloschak, G., Bouffler, S. D., Grosche, B., Kai, M., Little, M., Shore, R. & Walsh, L. & 1 others, Ruhm, W., Jan 2019, In: *Health Physics*. 116, 1, p. 96-99

The growing importance of radiation worker studies

Wakeford, R., 28 Aug 2018, In: *British Journal of Cancer*. 119, 5, p. 527-529 3 p.

UN Scientific Committee launches a new evaluation of thyroid cancer data in regions affected by the Chernobyl accident

Wakeford, R., Jun 2018, In: *Journal of Radiological Protection*. 38, 2, p. 876-877

William Jackson ('Jack') Schull (1922–2017)

Wakeford, R., 18 Dec 2017, In: Journal of Radiological Protection. 37, 4, p. 957-959

Proceedings of the seminar on comparative assessment of the environmental impact of radionuclides released during three major nuclear accidents: Kyshtym, Windscale, Chernobyl (October 1990)

Wakeford, R., Dec 2017, In: Journal of Radiological Protection. 37, 4, p. 960

A double diamond anniversary: Kyshtym and Windscale: the nuclear accidents of 1957

Wakeford, R., 11 Sept 2017, In: Journal of Radiological Protection. 37, 3, p. E7-E13

World Association of Medical Editors (WAME) statement on 'Predatory Journals'

Wakeford, R., 11 Sept 2017, In: Journal of Radiological Protection. 37, 3, p. 811

Academies outline principles of good science publishing

Wakeford, R., 2017, In: Journal of Radiological Protection. 37, p. 312-315

Re: Thyroid cancer among young people in Fukushima

Wakeford, R., May 2016, In: Epidemiology. 27, 3, p. e20-e21

Chernobyl and Fukushima - where are we now?

Wakeford, R., 7 Mar 2016, In: Journal of Radiological Protection. 36, 2, p. E1-E5

Introduction to the accident at Fukushima Dai-ichi nuclear power station

Wakeford, R., 2016, *EU Scientific Seminar 2014" Fukushima - Lessons Learned and Issues*. European Commission, European Research Area, (Radiation Protection; no. 183).

Childhood cancer - the role of birthweight and antenatal radiography

Wakeford, R. & Bithell, J. F., 11 Aug 2015, In: International Journal of Epidemiology. 44, 5, p. 1741-1743 2 p., 5.

Association and causation in epidemiology - half a century since the publication of Bradford Hill's interpretational guidance.

Wakeford, R., Jan 2015, In: Journal of the Royal Society of Medicine. 108, 1, p. 4-6 2 p.

Childhood leukaemia and nuclear installations: the long and winding road.

Wakeford, R., 7 Oct 2014, In: British Journal of Cancer. 111, 9, p. 1681-1683

Lorna Arnold.

Wakeford, R., Jun 2014, In: Journal of Radiological Protection. 34, 2, p. 489-491 3 p.

The risk of leukaemia in young children from exposure to tritium and carbon-14 in the discharges of German nuclear power stations and in the fallout from atmospheric nuclear weapons testing.

Wakeford, R., May 2014, In: Radiation and Environmental Biophysics. 53, 2, p. 365-379

Evidence of cardiovascular disease risk in the workplace

Wakeford, R., 2014.

Nuclear worker studies: promise and pitfalls

Wakeford, R., 14 Nov 2013, In: British Journal of Cancer. 110, p. 1-3 3 p.

Open access publication—always a good thing?

Wakeford, R., Jun 2013, In: Journal of Radiological Protection. 33, p. E9-E11 3 p.

The risk of childhood leukaemia following exposure to ionising radiation—a review.

Wakeford, R., Mar 2013, In: Journal of Radiological Protection. 33, 1, p. 1-25 25 p.

Cancer risk modelling and radiological protection.

Wakeford, R., Mar 2012, In: Journal of Radiological Protection. 32, p. N89-N93 5 p.

Radiation effects: Modulating factors and risk assessment — an overview.

Wakeford, R., 2012, In: Annals of the ICRP. 41, 3-4, p. 98-107 10 p.

And now, Fukushima.

Wakeford, R., Jun 2011, In: Journal of Radiological Protection. 31, p. 167-176 10 p.

The Role of Epidemiology in Cancer Risk Assessment of Ionizing Radiation

Wakeford, R., 27 Apr 2011, *Cancer Risk Evaluation: Methods and Trends*. Obe, G. (ed.). John Wiley & Sons Ltd, p. 83-102 20 p.

The silver anniversary of the Chernobyl accident. Where are we now?

Wakeford, R., Mar 2011, In: Journal of Radiological Protection. 31, p. 1-7 7 p.

Reflections on the Redfern Inquiry.

Wakeford, R., Dec 2010, In: Journal of Radiological Protection. 30, p. 635-638 4 p.

Risk of childhood leukemia after low-level exposure to ionizing radiation.

Wakeford, R., Little, M. & Kendall, G., Jun 2010, In: Expert Reviews in Hematology. 3, 3, p. 251-254 4 p.

Temporal trends in childhood leukaemia incidence following exposure to radioactive fallout from atmospheric nuclear weapons testing.

Wakeford, R., Darby, S. & Murphy, M., May 2010, In: Radiation and Environmental Biophysics. 49, p. 213-227 15 p.

The meaning of low dose and low dose-rate.

Wakeford, R. & Tawn, E., Mar 2010, In: Journal of Radiological Protection. 30, 1, p. 1-3 3 p.

Epidemiology of Childhood Leukaemia and Ionising Radiation

Wakeford, R., 2010, *Radiation Protection No. 163 – Childhood Leukaemia – Mechanisms and Causes. Proceedings of a Scientific Seminar Held in Luxembourg on 3 November 2009*. European Commission, European Research Area, (Radiation Protection; no. 163).

Erratum: Temporal trends in childhood leukaemia incidence following exposure to radioactive fallout from atmospheric nuclear weapons testing (Radiation and Environmental Biophysics (2010) 49 (213-227) DOI: 10.1007/s00411-010-0266-4)

Wakeford, R., Darby, S. C. & Murphy, M. F. G., 2010, In: Radiation and Environmental Biophysics. 49, p. 503

The risk of cancer from natural background ionizing radiation.

Wakeford, R., Kendall, G. & Little, M., Dec 2009, In: Health Physics. 97, 6, p. 637-638 2 p.

Radiation in the workplace—a review of studies of the risks of occupational exposure to ionising radiation.

Wakeford, R., Jun 2009, In: Journal of Radiological Protection. 29, 2, p. A61-A79 19 p.

On pre- or postnatal diagnostic X-rays as a risk factor for childhood leukaemia.

Wakeford, R., Apr 2009, In: Radiation and Environmental Biophysics. 48, p. 237-239 3 p.

The proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionizing radiation.

Wakeford, R., Kendall, G. & Little, M., Apr 2009, In: *Leukemia*. 23, p. 770-776 7 p.

More on the risk of cancer among nuclear workers.

Wakeford, R., Mar 2009, In: *Journal of Radiological Protection*. 29, 1, p. 1-4 4 p.

Epidemiological Evidence for Radiation-induced Circulatory Disease: the Japanese Atomic Bomb Survivors

Wakeford, R. & Little, M., 2009, *Radiation Protection No. 158 : Emerging Evidence for Radiation Induced Circulatory Diseases. Proceedings of a Scientific Seminar Held in Luxembourg on 25 November 2008*. European Commission, European Research Area, (Radiation Protection; no. 158).

Recent results from epidemiology

Wakeford, R., 2009, p. 225-255. 31 p.

Re: 'Population mixing, socio-economic status and incidence of childhood acute lymphoblastic leukaemia in England and Wales—analysis by census ward' and 'Childhood leukaemia and population movements in France, 1990-2003'.

Wakeford, R., Oct 2008, In: *British Journal of Cancer*. 99, p. 1194 1 p.

What to believe and what not to believe.

Wakeford, R., Mar 2008, In: *Journal of Radiological Protection*. 28, 1, p. 5-7 3 p.

Childhood leukaemia following medical diagnostic exposure to ionizing radiation in utero or after birth.

Wakeford, R., 2008, In: *Radiation Protection Dosimetry*. 132, 2, p. 166-174 9 p.

Occupational exposure to tritium and the potential for an epidemiological study of tritium workers in the UK

Wakeford, R., Nov 2007, *Review of risks from tritium :report of the independent Advisory Group on Ionising Radiation*. Bridges, B. (ed.). Chilton, Didcot, UK: Health Protection Agency, Vol. RCE-4. p. 75-81 6 p. (Documents of the Health Protection Agency).

From epidemiological association to causation

Wakeford, R. & McElvenny, D., Oct 2007, In: *Occupational medicine (Oxford, England)*. 57, 7, p. 464-465 2 p.

The Windscale reactor accident—50 years on

Wakeford, R., Sept 2007, In: *Journal of Radiological Protection*. 27, 3, p. 211-215 5 p.

RE: a rebuttal: secret ties to industry and conflicting interests in cancer research

Wakeford, R., 1 Aug 2007, In: *American Journal of Industrial Medicine*. 50, 9, p. 701 1 p.

Erratum - Cancer incidence among people exposed to 60Co-contaminated construction steel in Taiwan

Wakeford, R., Jun 2007, In: *Journal of Radiological Protection*. 27, 2, p. 209

Cancer incidence among people exposed to 60Co-contaminated construction steel in Taiwan

Wakeford, R., Mar 2007, In: *Journal of Radiological Protection*. 27, 1, p. 103-104 2 p.

RE: Secret ties to industry and conflicting interests in cancer research

Wakeford, R., 21 Feb 2007, In: *American Journal of Industrial Medicine*. 50, 3, p. 239-240 2 p.

Half a century since publication of the seminal study by Court-Brown and Doll of leukaemia following medical irradiation

Wakeford, R., 2007, In: *Journal of Radiological Protection*. 27, 4B, p. B1-B2 2 p.

The risks of exposure to internal emitters

Wakeford, R., 2007, In: *Journal of Labelled Compounds and Radiopharmaceuticals*. 50, 5-6, p. 388-391 4 p.

Geoffrey Richard Howe

Wakeford, R., Dec 2006, In: Journal of Radiological Protection. 26, 4, p. 437-438 2 p.

Chernobyl: 20 years on

Wakeford, R., Jun 2006, In: Journal of Radiological Protection. 26, 2, p. 125-126 2 p.

Occupational exposure, epidemiology and compensation.

Wakeford, R., May 2006, In: Occupational Medicine. 56, 3, p. 173-179 7 p.

Silver anniversary issue

Wakeford, R., Mar 2006, In: Journal of Radiological Protection. 26, 1, p. 1-2

The risk to health from exposure to low levels of ionising radiation

Wakeford, R., 1 Dec 2005, In: Annals of the ICRP. 35, 4, p. v-vii 3 p.

The history of the Soviet atomic industry

Wakeford, R., Dec 2005, In: Journal of Radiological Protection. 25, 4, p. 507-508 2 p.

Third International Symposium: Chronic radiation exposure: biological and health effects

Wakeford, R., Dec 2005, In: Journal of Radiological Protection. 25, p. 505-506

Cancer risk among nuclear workers

Wakeford, R., Sept 2005, In: Journal of Radiological Protection. 25, 3, p. 225-228 4 p.

Professor Sir Richard Doll

Wakeford, R., Sept 2005, In: Journal of Radiological Protection. 25, 3, p. 327-330 4 p.

Alpha-emitters in the workplace

Wakeford, R., 2005, *Proceedings of the 9th International Conference on Health Effects of Incorporated Radionuclides Emphasis on Radium, Thorium, Uranium and their Daughter Products.: HEIR 2004*. Oeh, U., Roth, P. & Paretzke, H. G. (eds.). Neuherberg, Germany: GSF-Forschungszentrum für Umwelt und Gesundheit, GmbH, p. 117-127 11 p.

The risk to health from low doses of ionising radiation

Wakeford, R. & Janet Tawn, E., 2005, In: Nuclear Future. 1, 3, p. 107-114 8 p.

Reflections on CERRIE

Wakeford, R., Dec 2004, In: Journal of Radiological Protection. 24, p. 337-340 4 p.

The cancer epidemiology of radiation.

Wakeford, R., Aug 2004, In: Oncogene. 23, p. 6404-6428 25 p.

Extreme childhood leukaemia cluster at Fallon, Nevada

Wakeford, R., Jun 2004, In: Journal of Radiological Protection. 24, 2, p. 183-184 2 p.

Radiation exposure in Taiwan

Wakeford, R., 2004, In: Journal of American Physicians and Surgeons. 9, 2, p. 33-34 2 p.

Childhood leukaemia and radiation exposure of fathers: The end of the road, perhaps?

Wakeford, R., Dec 2003, In: Journal of Radiological Protection. 23, 4, p. 359-362

Does "He Who Pays the Piper" Really Call the Tune: Wakeford's Response

Wakeford, R., Dec 2003, In: Environmental Health Perspectives. 111, 16, p. A870-A871 2 p.

The Bunker

Wakeford, R., Dec 2003, In: Journal of Radiological Protection. 23, 4, p. 469-471

Epidemiological studies of occupational exposure to radiation

Wakeford, R., 15 Jul 2003, *Occupational radiation protection: protecting workers against exposure to ionizing radiation: proceedings of an international conference, Geneva, 26-30 August 2002*. Vienna: International Atomic Energy Agency, Vol. Proceedings series. p. 349-355 7 p.

Comment of "Use of a-bomb survivor studies as a basis for nuclear worker compensation" (multiple letters) [2]

Wakeford, R., 1 May 2003, In: Environmental Health Perspectives. 111, 5, p. A267-A269 3 p.

Re: "Use of A-bomb survivor studies as a basis for nuclear worker compensation".

Wakeford, R., May 2003, In: Environmental Health Perspectives. 111, 5, p. A268-A269

Risk coefficients for childhood cancer after intrauterine irradiation: a review.

Wakeford, R. & Little, M., May 2003, In: International Journal of Radiation Biology. 79, 5, p. 293-309 17 p.

Childhood leukaemia clusters around Sellafield and Dounreay

Wakeford, R., 2003, In: Nuclear Energy. 42, 4, p. 213-224 12 p.

Leukaemia clusters around Sellafield and Dounreay: Dosimetry and epidemiology

Wakeford, R., 2003, In: ATW - Internationale Zeitschrift fur Kernenergie. 48, 4, p. 244-250 7 p.

The risk to health from exposure to low doses of ionising radiation

Wakeford, R. & Tawn, E. J., 2003, p. 1521-1530. 10 p.

Childhood cancer in Seascale.

Wakeford, R., Dec 2002, In: Journal of Public Health Medicine. 24, p. 343-344 2 p.

Childhood cancer after low-level intrauterine exposure to radiation.

Wakeford, R. & Little, M., Sept 2002, In: Journal of Radiological Protection. 22, 3, p. A123-A127 5 p.

2001 International Symposium on Radiation and Health (2001 ISRH): low dose radiation effects on human health.

Wakeford, R., Jun 2002, In: Journal of Radiological Protection. 22, 2, p. 224-226 3 p.

Cancer in offspring after paternal preconceptional irradiation.

Wakeford, R., Jun 2002, In: Journal of Radiological Protection. 22, 2, p. 191-194 4 p.

Infant Leukaemia in Wales after the Chernobyl Accident

Wakeford, R., 2002, In: Energy and Environment. 13, 2, p. 294-297 4 p.

Depleted uranium.

Wakeford, R., Mar 2001, In: Journal of Radiological Protection. 21, 1, p. 76-77 2 p.

A Review of the Draft Report of the NCI-CDC Working Group to Revise the 1985 Radioepidemiological Tables

Wakeford, R., Feb 2001, In: Journal of Radiological Protection. 21, 2, p. 203-204 2 p.

Study of plutonium workers at the Mayak complex in Russia.

Wakeford, R., Dec 2000, In: Journal of Radiological Protection. 20, 4, p. 464-465 2 p.

The Woman Who Knew Too Much: Alice Stewart and the secrets of radiation

Wakeford, R., Dec 2000, In: Journal of Radiological Protection. 20, 4, p. 475-479

Workshop: Information on Radiation Protection

Wakeford, R., Dec 2000, In: Journal of Radiological Protection. 20, 4, p. 471

Japanese atomic bomb survivors.

Wakeford, R., Sept 2000, In: Journal of Radiological Protection. 20, 3, p. 333-334

Study of childhood cancer and paternal preconceptional irradiation at USA nuclear facilities.

Wakeford, R., Sept 2000, In: Journal of Radiological Protection. 20, 3, p. 331-332

Paternal irradiation and leukemia in offspring.

Wakeford, R. & Tawn, E., Aug 2000, In: Radiation Research. 154, p. 222-223

Review of the Hanford Thyroid Disease Study Draft Final Report

Wakeford, R., Jun 2000, In: Journal of Radiological Protection. 20, 2, p. 253-254

Accidents and their consequences.

Wakeford, R., Dec 1999, In: Journal of Radiological Protection. 19, 4, p. 291-292

Corrigendum: epidemiology and litigation—the Sellafield childhood leukaemia cases

Wakeford, R., Apr 1999, In: Royal Statistical Society. Journal. Series A: Statistics in Society. 162, 1, p. 131 1 p.

Low dose irradiation – a threshold assumption is inappropriate

Wakeford, R., 1999, *Southport '99: proceedings of the 6th SRP international symposium*. Thorne, M. C. (ed.). London: Society for Radiological Protection

Noncancer mortality among the Japanese atomic bomb survivors

Wakeford, R., 1999, In: Journal of Radiological Protection. 19, 4, p. 380

The role of the scientist in radiation protection

Wakeford, R., 1999, *Nuclear Inter Jura 1999 Biennial Congress proceedings: October 24-29, 1999, Washington, DC*. Brussels: International Nuclear Law Association

Effects of ionizing radiation: Atomic bomb survivors and their children (1945-1995)

Wakeford, R., Dec 1998, In: Journal of Radiological Protection. 18, 4, p. 310-311

From the last issue: Of cars and cabbages

Wakeford, R., Dec 1998, In: Journal of Radiological Protection. 18, 4, p. 305-306 2 p.

Dealing with risk: Why the public and the experts disagree on environmental issues

Wakeford, R., Sept 1998, In: Journal of Radiological Protection. 18, 3, p. 233-234

Uncertainties in fatal cancer risk estimates used in radiation protection. NCRP Report No. 126, 1997

Wakeford, R., Jun 1998, In: Journal of Radiological Protection. 18, 2, p. 156-157 1 p.

IAEA/WHO International Conference on Low Doses of Ionizing Radiation: Biological Effects and Regulatory Control, Seville, Spain, 17-21 November 1997 (IAEA-CN-67). International Atomic Energy Agency.

Wakeford, R. & Tawn, E., Mar 1998, In: Journal of Radiological Protection. 18, p. 49

A review of probability of causation and its use in a compensation scheme for nuclear industry workers in the United Kingdom.

Wakeford, R., Antell, B. & Leigh, W., Jan 1998, In: Health Physics. 74, 1, p. 1-9

Epidemiology and litigation - The Sellafield childhood leukaemia cases

Wakeford, R., 1998, In: Journal of the Royal Statistical Society. Series A: Statistics in Society. 161, 3, p. 313-325 13 p.

Malignant diseases near nuclear facilities - epidemiological studies conducted in North America

Wakeford, R., 1998, *Radiation Exposures by Nuclear Facilities: : Evidence of the Impact on Health*. p. 118-128 11 p.

SRP Northwest Regional Meeting, Heysham 2 Power Station, Morecambe, Lancashire, 4 March 1998

Wakeford, R. & Tawn, E., 1998, In: Journal of Radiological Protection. 18, 2, p. 141-142 2 p.

Childhood leukaemia and radiation: the Sellafield judgment

Wakeford, R. & Tawn, E., 1 Jun 1997, In: Advances in Nuclear Science and Technology. 25, p. 1-29 29 p.

Leukaemia near La Hague nuclear plant. Scientific context is needed.

Wakeford, R., May 1997, In: British Medical Journal. 314, 7093, p. 1553-1554 2 p.

Childhood cancer and intrauterine irradiation

Wakeford, R., Doll, R. & Bithell, J. F., 1997, *Health effects of low dose radiation : challenges for the 21st century: proceedings of the conference organized by the British Nuclear Energy Society and held in Stratford-upon-Avon, UK, on 11-14 May 1997*. London: Thomas Telford Ltd, p. 114-119 6 p.

Risque attribuable: definition, bases epidemiologiques

Wakeford, R., 1997, *Le Risque Attribuable*.

The risk of childhood cancer from low doses of ionising radiation received in utero

Wakeford, R., Doll, R. & Bithell, J. F., 1997, *Low doses of ionizing radiation: Biological effects and regulatory control..* International Atomic Energy Agency, Vol. IAEA-TECDOC--976. p. 391-394 4 p.

Nuclear energy facilities and cancers.

Wakeford, R. & Berry, R., May 1996, In: Annals of the Academy of Medicine, Singapore. 25, 3, p. 468-476 9 p.

Response. "Radiation and childhood cancer" page 353-354 Environ Health Perspective 104 (4)

Wakeford, R., Apr 1996, In: Environmental Health Perspectives. 104, 4, p. 354 1 p.

Leukaemia and non-Hodgkin's lymphoma in young persons resident in small areas of West Cumbria in relation to paternal preconceptional irradiation.

Wakeford, R. & Parker, L., Mar 1996, In: British Journal of Cancer. 73, p. 672-679

Childhood leukaemia and low-level radiation – are we underestimating the risk?

Wakeford, R., 1996, *Proceedings of the Ninth International Congress of the International Radiation Protection Association* . International Radiation Protection Association

Methods for investigating localized clustering of disease. The CAS method.

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The risk of childhood leukaemia from the radiation exposure of fathers before conception

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Paternal exposure to radiation.

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Childhood leukaemia and sellafield: The legal cases

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Some observations on the "Gardner Report"

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Editorial

Wakeford, R., 1991, In: *Journal of Radiological Protection*. 11, p. 73-74

The test of hypothesis and leukaemia near nuclear installations

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Childhood Leukaemia and Nuclear Installations

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Leukaemia 'clusters' and nuclear installations with special reference to Dounreay

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Childhood leukaemia incidence around nuclear installations.

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Letter to the Editor: Poisson distribution of childhood cancers

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Seascale and cancer

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Travel in space-time

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Activities**Chairman's Introduction**

Wakeford, R. (Speaker)
29 Nov 2022

Radiation Epidemiology -- Where Do We Stand Now?

Wakeford, R. (Speaker)
9 Nov 2022

What has been learnt from epidemiological studies of radiation workers?

Wakeford, R. (Speaker)
6 Sept 2022

Master of Ceremonies

Wakeford, R. (Speaker)
22 Aug 2022 → 26 Aug 2022

Effects of radiation exposure on offspring and next generations

Wakeford, R. (Speaker)
2 Jun 2022

Risk of cancer following low-level radiation exposure in utero or during childhood.

Wakeford, R. (Speaker)
20 Apr 2022

Reflections on low-level radiation exposure

Wakeford, R. (Speaker)
27 Mar 2022

In utero exposure (with an emphasis on low doses)

Wakeford, R. (Speaker)
16 Nov 2021

Cardiovascular disease following low-level exposure to radiation -- some issues

Wakeford, R. (Speaker)
3 Oct 2021

Master of Ceremonies

Wakeford, R. (Speaker)
23 Aug 2021 → 27 Aug 2021

Epidemiological studies of tritium exposure

Wakeford, R. (Speaker)
16 Jun 2021

Intrauterine irradiation – historical context and epidemiological studies

Wakeford, R. (Speaker)

3 Feb 2021

Overview of epidemiological studies of workers: opportunities, expectations and limitations

Wakeford, R. (Speaker)

20 Jan 2021

Cancer risks after radiation exposure of children – overview of epidemiological studies

Wakeford, R. (Speaker)

1 Dec 2020

What Can We Learn from Epidemiology About the Effects of Dose Rate, Radiation Quality and Internal Exposures?

Wakeford, R. (Speaker)

18 Nov 2020

Medical Imaging– The Future of Epidemiological Research

Wakeford, R. (Speaker)

20 Oct 2020

Cardiovascular disease following low-level exposure to radiation

Wakeford, R. (Speaker)

18 Oct 2020

Radiation Risk Issues and their Potential Impact on Radiological Protection

Wakeford, R. (Speaker)

25 Jun 2020

Controversies and Challenges of the Linear No-Threshold (LNT) Model

Wakeford, R. (Speaker)

15 Oct 2019

The LNT Model and Cancer Risks at Low Doses and Low Dose-rates

Wakeford, R. (Speaker)

18 Sept 2019

Potential Risks of Using LNT for Radiological Protection

Wakeford, R. (Speaker)

25 Aug 2019

Master of Ceremonies

Wakeford, R. (Speaker)

19 Aug 2019 → 23 Aug 2019

Understanding Low-dose and Low-dose-rate Risks

Wakeford, R. (Speaker)

29 May 2019

Radiation Risk Estimation for Protection Purposes

Wakeford, R. (Speaker)

28 May 2019

Risk Estimates from Studies of Low Doses and Low Dose Rates

Wakeford, R. (Speaker)

1 Apr 2019

The epidemiology of tritium

Wakeford, R. (Speaker)
27 Mar 2019

Radiation Effects from Medical Applications – Diagnostics

Wakeford, R. (Speaker)
24 Jan 2019

Doses and Effects After the Fukushima Accident

Wakeford, R. (Speaker)
23 Jan 2019

Stochastic, Long-term Medical Effects and Risks of Ionising Radiation

Wakeford, R. (Speaker)
11 Oct 2018

Master of Ceremonies

Wakeford, R. (Speaker)
20 Aug 2018 → 24 Aug 2018

Epidemiological Evidence of Cancer Risks Following Exposure to Ionising Radiation in Childhood

Wakeford, R. (Speaker)
5 Jun 2018

The 1957 Windscale Nuclear Reactor Accident

Wakeford, R. (Speaker)
25 May 2018

The 2018 COGER Lecture. My journey to, and through, radiation epidemiology

Wakeford, R. (Speaker)
12 Apr 2018

Irradiation in utero and Subsequent Cancer Risk

Wakeford, R. (Speaker)
22 Mar 2018

Ionizing radiation in the workplace

Wakeford, R. (Speaker)
1 Mar 2018

The Compensation Scheme for Nuclear Industry Workers in the United Kingdom

Wakeford, R. (Speaker)
13 Feb 2018

Radon and Other Internal Emitters

Wakeford, R. (Speaker)
1 Nov 2017 → ...

Stochastic, Long-term Medical Effects and Risks of Ionising Radiation

Wakeford, R. (Speaker)
5 Oct 2017

The 60th Anniversary of the 1957 Windscale Nuclear Reactor Accident

Wakeford, R. (Speaker)

19 Sept 2017

The 1957 Windscale Nuclear Reactor Accident

Wakeford, R. (Speaker)

25 May 2017

2017 Dunster Lecture -- What do we know about low-level radiation risks?

Wakeford, R. (Speaker)

16 May 2017

Effective dose as an indicator of risk

Wakeford, R. (Speaker)

10 Nov 2016

Review of Studies of Leukaemia Risk in the Vicinity of Nuclear Installations

Wakeford, R. (Speaker)

10 Nov 2016

Studies of Cancer Risk Associated with Natural Background Radiation in Europe

Wakeford, R. (Speaker)

10 Nov 2016

Occupational studies -- discussion

Wakeford, R. (Speaker)

15 Oct 2016

Emerging Evidence of Non-cancer Health Effects from Radiation Exposure

Wakeford, R. (Speaker)

5 Oct 2016

Insufficient Evidence for Low-level Radiation Increasing the Risk of Circulatory Disease

Wakeford, R. (Speaker)

21 Sept 2016

Some current issues in radiation risk assessment

Wakeford, R. (Speaker)

12 Jul 2016

For Now, LNT is the Prudent Option

Wakeford, R. (Speaker)

20 Jun 2016

Chernobyl, 30 Years On -- Health Effects, Lessons to be Learnt

Wakeford, R. (Speaker)

10 May 2016

Thyroid cancer: incidence, prevention possibilities and early detection options (screening -- lessons learnt from Fukushima accident)

Wakeford, R. (Speaker)

25 Apr 2016

Low-level radiation exposure

Wakeford, R. (Speaker)

19 Oct 2015

Natural Background Radiation – Health Effects

Wakeford, R. (Speaker)

21 May 2015

Radiation Risk Estimates, and Whence They Come

Wakeford, R. (Speaker)

15 Jan 2015

Evidence of cardiovascular disease risk in the workplace

Wakeford, R. (Speaker)

2 Dec 2014

Introduction to the Accident at Fukushima Dai-ichi Nuclear Power Station

Wakeford, R. (Speaker)

18 Nov 2014

Childhood Leukaemia and Nuclear Installations

Wakeford, R. (Speaker)

1 Nov 2014 → ...

Childhood Leukaemia Near Nuclear Installations: Recent Results and Perspectives

Wakeford, R. (Speaker)

6 Oct 2014

Considerations for NAS Pilot Study

Wakeford, R. (Speaker)

3 Apr 2014

An approach to compensation for radiation-linked diseases – an example from the nuclear industry in the UK

Wakeford, R. (Speaker)

13 Feb 2014

An approach to compensation for radiation-linked diseases – an example from the nuclear industry in the UK

Wakeford, R. (Speaker)

11 Feb 2014

Low-level Radiation Epidemiology – Where We Are Now and Where We Might Be Going

Wakeford, R. (Speaker)

5 Dec 2013

The WHO Fukushima Reports

Wakeford, R. (Speaker)

15 Oct 2013

The Accident at the Fukushima Dai-ichi Nuclear Power Station, March 2011

Wakeford, R. (Speaker)

12 Oct 2013

The Approach to Risk Estimation (and its Relationship with Effective Dose)

Wakeford, R. (Speaker)

2 Sept 2013

Childhood Leukaemia and Natural Background Radiation: Context and Dosimetric Aspects

Wakeford, R. (Speaker)

21 Aug 2013

Epidemiology at Low Doses – Antenatal and CT Scan Exposures

Wakeford, R. (Speaker)

1 Aug 2013 → 31 Aug 2014

Natural background radiation

Wakeford, R. (Speaker)

1 Aug 2013 → 31 Aug 2014

Nuclear Industry Worker Studies

Wakeford, R. (Speaker)

1 Aug 2013 → 31 Aug 2014

Health Effects of Low-Level Exposure to Radiation

Wakeford, R. (Speaker)

3 Jun 2013

The BIG Accidents

Wakeford, R. (Speaker)

24 May 2013

Risk Perception in Radiation Protection

Wakeford, R. (Speaker)

12 Apr 2013

Epidemiology and Radiological Protection – How Current Understanding and Standards were Developed

Wakeford, R. (Speaker)

1 Mar 2013 → 1 Mar 2015

Epidemiology and Radiological Protection – recent developments

Wakeford, R. (Speaker)

1 Mar 2013 → 1 Mar 2015

The risk of cancer from low-level exposure to radiation – some recent results and future prospects

Wakeford, R. (Speaker)

10 Dec 2012

The risk of cancer following exposure in utero to ionising radiation

Wakeford, R. (Speaker)

6 Dec 2012

2012 Lane Lecture – Risks from Exposure to Ionising Radiation – the Contribution of Occupational Studies

Wakeford, R. (Speaker)

22 Nov 2012

The Fukushima Dai-ichi Nuclear Power Station Accident

Wakeford, R. (Speaker)

26 Oct 2012

The Risk of Cancer Following Low-level Exposure to Ionising Radiation – Estimates and their Accuracy

Wakeford, R. (Speaker)

16 Oct 2012

The Fukushima Dai-ichi Nuclear Power Station Accident – Causes and Consequences

Wakeford, R. (Speaker)

9 Oct 2012

Risk Models for Radiation-induced Leukaemia

Wakeford, R. (Speaker)

14 Sept 2012

A record-based case-control study of natural background radiation and the incidence of childhood leukaemia and other cancers in Great Britain during 1980-2006

Wakeford, R. (Speaker)

12 Sept 2012

Epidemiological Studies on Natural Sources of Radiation and Cancer Risk

Wakeford, R. (Speaker)

12 Sept 2012

The Risk of Cancer Following Low-level Exposure to Ionising Radiation – What Can Epidemiology Tell Us?

Wakeford, R. (Speaker)

4 Sept 2012

Reconstructing the Radiation Doses Received from the Fukushima Dai-ichi Nuclear Power Station Accident

Wakeford, R. (Speaker)

3 Jul 2012

Risks to Health from the Fukushima Dai-ichi Nuclear Power Station Accident

Wakeford, R. (Speaker)

26 Jun 2012

Recommendations for Research on Childhood Leukaemia by COMARE

Wakeford, R. (Speaker)

14 Jun 2012

Ionising Radiation and Childhood Leukaemia

Wakeford, R. (Speaker)

13 Jun 2012

Stakeholder and Public Perceptions

Wakeford, R. (Speaker)

17 May 2012

Radioactivity, Radiation and Health, with an Emphasis on the Impact of the Chernobyl and Fukushima Accidents

Wakeford, R. (Speaker)

16 May 2012

Ionising radiation and childhood cancer – an overview

Wakeford, R. (Speaker)

26 Apr 2012

Fukushima – Where Are We Now, One Year On?

Wakeford, R. (Speaker)

6 Mar 2012

The risk of childhood leukaemia and other childhood cancers following low-level exposure to ionising radiation

Wakeford, R. (Speaker)

2 Mar 2012

The Present Position in the UK and the Rest of Europe

Wakeford, R. (Speaker)

15 Feb 2012

An Overview of the Role of Radiation Worker Epidemiology in Radiological Protection

Wakeford, R. (Speaker)

13 Feb 2012

Overview on Risks following Radiation Exposure in utero and in Childhood

Wakeford, R. (Speaker)

15 Dec 2011

Chernobyl & Fukushima – Communication Lessons Learnt and to be Learnt

Wakeford, R. (Speaker)

6 Dec 2011

Childhood leukaemia and ionising radiation

Wakeford, R. (Speaker)

2 Nov 2011

Cancer Risks from Environmental Exposures to Radiation

Wakeford, R. (Speaker)

1 Nov 2011 → ...

Radiation Effects – Modulating Factors and Risk Assessment – An Overview

Wakeford, R. (Speaker)

25 Oct 2011

Chornobyl health effects: what do we know after 25 years?

Wakeford, R. (Speaker)

15 Oct 2011

Cancer risk modelling and radiological protection

Wakeford, R. (Speaker)

11 Sept 2011

The risk of cancer from low-level exposure to radiation -- the epidemiological evidence

Wakeford, R. (Speaker)

1 Sept 2011

Chernobyl effects: what do we know after 25 years? A review of the epidemiological evidence

Wakeford, R. (Speaker)

29 Aug 2011

Overview of Studies Outside the USA

Wakeford, R. (Speaker)

2 Feb 2011

Radiation Exposures and Epidemiology of Radiation Risk

Wakeford, R. (Speaker)

19 Nov 2010

2010 Ian McCallum Memorial Lecture –What Can Occupational Exposure to Ionising Radiation Tell Us About Risk?

Wakeford, R. (Speaker)

7 Jun 2010

The Risk of Exposure to Low-level Radiation

Wakeford, R. (Speaker)

1 Jun 2010

The 1957 Windscale Nuclear Reactor Accident

Wakeford, R. (Speaker)

26 Apr 2010

Chernobyl & Epidemiology

Wakeford, R. (Speaker)

14 Apr 2010

Nuclear Power – a Phoenix Rising

Wakeford, R. (Speaker)

11 Mar 2010

The Windscale Nuclear Reactor Accident – 50 Years of Investigations

Wakeford, R. (Speaker)

16 Feb 2010

Radiation epidemiology

Wakeford, R. (Speaker)

1 Jan 2010 → ...

Prenatal Exposure to Ionizing Radiation: What We Know Today

Wakeford, R. (Speaker)

17 Dec 2009

In utero exposure to radiation

Wakeford, R. (Speaker)

15 Dec 2009

Occupational exposure to ionising radiation, emphasis on IARC 15-country and UK NRRW-3 studies

Wakeford, R. (Speaker)

24 Nov 2009

Ionising Radiation Epidemiology of Childhood Leukaemia

Wakeford, R. (Speaker)

3 Nov 2009

Exposure to internal emitters – are we underestimating the risk?

Wakeford, R. (Speaker)

16 Oct 2009

Epidemiological studies of childhood leukaemia after radiation exposure (excluding nuclear power plant studies)

Wakeford, R. (Speaker)

2 Oct 2009

Recent results from epidemiology

Wakeford, R. (Speaker)

24 Sept 2009

Natural Background Ionising Radiation and Childhood Leukaemia

Wakeford, R. (Speaker)

3 Jul 2009

Risks from Exposure to Ionizing Radiation

Wakeford, R. (Speaker)

24 Jun 2009

Childhood Leukaemia Following Exposure to Ionising Radiation

Wakeford, R. (Speaker)

8 Jun 2009

Radiation Scares and the Role of Journals

Wakeford, R. (Speaker)

4 Jun 2009

Epidemiology – a Current View

Wakeford, R. (Speaker)

21 Apr 2009

Chairman's Introduction: Sources of Tritium

Wakeford, R. (Speaker)

8 Jan 2009

Nuclear workers – the 15-country study

Wakeford, R. (Speaker)

10 Dec 2008

Epidemiological Evidence for Radiation-induced Circulatory Diseases – Non-occupational Exposure

Wakeford, R. (Speaker)

25 Nov 2008

Low-dose Ionising Radiation and Cancer – Myth or Concern?

Wakeford, R. (Speaker)

7 Oct 2008

Current Occupational and Environmental Issues in Ionising Radiation Epidemiology

Wakeford, R. (Speaker)

7 Jul 2008

Radiation in the workplace

Wakeford, R. (Speaker)

5 Jun 2008

The Windscale Nuclear Reactor Accident – 50 Years of Investigations

Wakeford, R. (Speaker)

14 May 2008

Childhood Leukaemia Following Antenatal or Postnatal Exposure to X-rays for Diagnostic Purposes

Wakeford, R. (Speaker)

6 May 2008

Risks from Occupational Exposure to Ionising Radiation, with Specific Reference to UK Workers

Wakeford, R. (Speaker)

31 Mar 2008

The epidemiology of tritium -- the present position and future possibilities

Wakeford, R. (Speaker)

8 Jan 2008

The Windscale Nuclear Reactor Accident – 50 Years of Investigations

Wakeford, R. (Speaker)

5 Dec 2007

The Compensation Scheme for Nuclear Industry Workers in the United Kingdom

Wakeford, R. (Speaker)

19 Sept 2007

Risks from low-level radiation -- the epidemiological evidence

Wakeford, R. (Speaker)

29 Jul 2007

Radioepidemiology and Radiobiology

Wakeford, R. (Speaker)

16 May 2007

The Workforce of British Nuclear Fuels plc (BNFL)

Wakeford, R. (Speaker)

24 Apr 2007

Childhood Leukaemia "Clusters" and Paternal Preconceptional Irradiation (PPI)

Wakeford, R. (Speaker)

1 Feb 2007 → 30 Jun 2016

Irradiation in utero and Cancer Induction

Wakeford, R. (Speaker)

1 Feb 2007 → 30 Jun 2016

Irradiation in utero and Cancer Induction

Wakeford, R. (Speaker)

1 Feb 2007 → 30 Jun 2016

The Epidemiology of Internal Emitters, Particularly Alpha-emitters in the Workplace

Wakeford, R. (Speaker)

1 Feb 2007 → 30 Jun 2016

Irradiation in utero and cancer induction

Wakeford, R. (Speaker)

21 Apr 2006

Effects of low-level radiation -- in utero and occupational studies

Wakeford, R. (Speaker)

5 Apr 2006

Cancer risk after exposure in utero

Wakeford, R. (Speaker)

1 Nov 2005

Radiation and childhood leukaemia

Wakeford, R. (Speaker)

23 Sept 2005

Scientific evidence of the risk to health from radiation

Wakeford, R. (Speaker)

1 Jan 2005 → ...

Childhood leukaemia and nuclear power

Wakeford, R. (Speaker)

13 Dec 2004

Alpha-emitters in the workplace

Wakeford, R. (Speaker)

30 Nov 2004

The Epidemiology of Leukaemia and other Cancers in Childhood after Exposure to Ionising Radiation

Wakeford, R. (Speaker)

21 Sept 2004

The risk to health from exposure to low doses of ionising radiation

Wakeford, R. (Speaker) & Tawn, E. (Speaker)

24 Sept 2003

Leukaemia clusters around Sellafield and Dounreay (dosimetry and epidemiology)

Wakeford, R. (Speaker)

4 Dec 2002

Epidemiological studies of occupational exposure to ionising radiation

Wakeford, R. (Speaker)

27 Aug 2002

Radiation hazards (and radiation accidents)

Wakeford, R. (Speaker)

1 Feb 2002 → ...

Epidemiological studies of nuclear industry workers in European countries

Wakeford, R. (Speaker)

14 Nov 2001

Malignant diseases near nuclear facilities -- epidemiological studies conducted in North America

Wakeford, R. (Speaker)

10 Jul 1996

Leukaemia "clusters" and nuclear installations with special reference to Dounreay

Wakeford, R. (Speaker)

21 Jun 1989

Prizes

Emeritus Member of the Editorial Board of the Journal of Radiological Protection

Wakeford, R. (Recipient), 2022

Founder's Prize

Wakeford, R. (Recipient), 1994

Honorary Fellow of the Society for Radiological Protection

Wakeford, R. (Recipient), 2012

Press/Media

Battle of the Elements winner revealed, Chernobyl revisited, and the quest for metallic hydrogen

Wakeford, R.

11/07/19

1 Media contribution

BBC NEWS ONLINE: Chernobyl: The end of a three-decade experiment

Wakeford, R.

14/02/19

1 Media contribution

Chernobyl's legacy and why assessing radiation risk is so difficult

Wakeford, R.

9/07/19

1 Media contribution

Commentator on Ceremony in Hiroshima to Mark 70th Anniversary of Atomic-bombing

Wakeford, R.

5/08/15

1 Media contribution

Comment on Radiation Exposure after Fukushima Nuclear Accident

Wakeford, R.

28/03/11

1 Media contribution

Fukushima - disaster or distraction?

Wakeford, R.

18/03/11

1 Media contribution

Health Effects of the Atomic-bombings of Japan

Wakeford, R.

6/08/15

1 Media contribution

Health Effects of the Chernobyl Accident

Wakeford, R.

28/04/16

1 Media contribution

I NEWS: Nuclear power is safe and gets cheaper the more we embrace it – we need to get past its PR problem

Livens, F. & Wakeford, R.

13/04/22

1 Media contribution

Lessons for Japan from the Chernobyl catastrophe

Wakeford, R.

16/03/11

1 Media contribution

Low dose radiation 'harms heart'

Wakeford, R.

22/10/09

1 Media contribution

Natural Background Radiation: Health Effects

Wakeford, R.

21/05/15

1 Media contribution

Q&A: Health effects of radiation exposure

Wakeford, R.

21/07/11

1 Media contribution

Statement by Professor Richard Wakeford on the Consequences for Health of the Fukushima Dai-ichi Nuclear Power Station Accident

Wakeford, R.

22/02/12

1 Media contribution

Thyroid Cancer After Fukushima Accident

Wakeford, R.

18/03/16

1 Media contribution

What do we know about low-level radiation risks?

Wakeford, R.

16/05/17

1 Media contribution

Windscale fallout underestimated

Wakeford, R.

6/10/07

1 Media contribution

Windscale fallout 'worse than thought'

Wakeford, R.

7/10/07

1 Media contribution

Windscale Piles: Cockcroft's Follies avoided nuclear disaster

Wakeford, R.

4/11/14

1 Media contribution

Windscale radiation 'doubly dangerous'

Wakeford, R.

7/10/07

1 Media contribution