

## STUART S. BLUME

### CURRICULUM VITAE



#### EDUCATION

Manchester Grammar School and University of Oxford (Merton College)  
(College Exhibitioner and State Scholar)

B A (II) in chemistry, 1964

M A, D Phil in chemistry 1967 (dissertation entitled "Some quantitative aspects of gas chromatography with special reference to inorganic and organo-metallic systems")

#### EMPLOYMENT

- Aug 1966            Research Fellow, Science Policy Research Unit, University of Sussex
- Aug 1968            Consultant, Science Policy Division, Organisation for Economic Co-operation and Development (OECD), Paris
- Sept 1969           Member of the Secretariat, Council for Scientific Policy, Department of Education and Science, London
- Secretary, Working Group on Economic Benefits of Research
- Dec 1971            Research Officer, Department of Public Administration, Civil Service College, London
- Mar 1974            Research Fellow, Science Policy Research Unit, Sussex (preparing a 'state of the art' report on science policy research for the Social Science Research Council) &
- Visiting Researcher, Institut d'Histoire et de Socio-politique des Sciences, Université de Montréal, Canada (preparing a feasibility study on 'the effects of biculturalism on science in Canada' for the Science Council of Canada)
- Feb 1975            Principal, Social Research Coordinating Unit, The Cabinet Office, London. Duties included secretary of the Interdepartmental Committee on Social Research
- Oct 1977            Senior Research Fellow, London School of Economics; combined with Secretary, Committee on Social Inequalities in Health, Department of Health and Social Security London. The Committee's report - the Black Report - was published as **Inequalities in Health** in Summer 1980 and, edited by P Townsend and N Davidson, by Penguin books in 1982.
- Apr 1980            Consultant, Directorate of Science, Technology and Industry, OECD, Paris. A report

on 'the current state of science and technology policy' was prepared for the meeting of OECD Ministers for Science and Technology held in March 1981.

- Oct 1980 Free lance consultant. A report was commissioned by the Swedish Council for the Planning and Co-ordination of Research, in connection with a government White Paper
- Dec 1980 Senior Research Fellow, Department of Social Administration, London School of Economics (funded by the Leverhulme Trust).
- May 1982 Consultant to the Directorate General for Science Policy, Ministry of Education and Science, The Hague. A report on 'the commissioning of social science research by ministries in the Netherlands' was prepared.
- Sept 1982 Visiting Professor of Science Dynamics, University of Amsterdam, The Netherlands
- 1983 - 2001 Professor and Chairman of the Department of Science Dynamics, University of Amsterdam (UvA)
- May-July 1994 Directeur de Recherche Associé, Groupe d'Etude des Methodes de l'Analyse Sociologique, CNRS, Paris
- 2001-Oct 2007 Professor of Science Dynamics, Department of Sociology and Anthropology, UvA
- October 2007- Professor Emeritus, attached to the Amsterdam School for Social Science Research, University of Amsterdam and to the Department of Anthropology
- 2009- 2011 Senior Researcher ('Professor 2') at the Centre for Development and Environment, University of Oslo, Norway
- Sept. 2013 Visiting Professor, Swedish Institute for Disability Research, University of Örebro
- 2013-2014 'Prometeo' Fellow attached to Faculty of Medicine, University of Cuenca, Ecuador (funded by SENESCYT)

#### **OTHER CONSULTING AND ADVISORY ACTIVITIES**

- 1970 Consultant to UNESCO on 'migration of highly qualified manpower from developing countries'
- 1970-1985 Consultant to the Directorate for Science Technology and Industry and to the Directorate for Social Affairs, Manpower and Education, OECD, Paris
- 1975 Consultant to the Social Science Research Council, London on 'initiative taking in research policy'
- 1977 Member of OECD Expert group on the Utilisation of the Social Sciences in Policymaking
- 1977 Consultant to the Social Science Research Council, London, in conjunction with a proposal to establish a 'British Brookings Institution'
- 1978 British Council lecture tour to Finland and Norway
- 1979-82 Member of SSRC Panel on 'Research Careers'

- 1983 Consultant to UNESCO on 'priority setting in research policy'
- 1984 On behalf of UNESCO, Mission to advise the National Science and Technology Authority, Manila, Philippines
- 1984-5 Member of Science and Innovation Policy Review Group, Policy Research and Analysis Division, National Science Foundation, Washington DC
- 1985 Member of faculty, two week training seminar for science policy makers in Asia, Kathmandu, Nepal
- 1987 Member of committee established by the Science Policy Council of Norway to evaluate the Norwegian Council for Science and the Humanities
- 1987-1995 Member of Programme Advisory Committee, (later Board of Directors) Science Policy Support Group (SPSG), London
- 1988 Member of Dutch delegation to Indo-Dutch workshop on science policy, New Delhi, September 1988
- 1990-1991 Rapporteur, Temporary International Advisory Committee on New Organisational Forms of Postgraduate Research Training (established by the Minister of Education and Science, The Netherlands, in collaboration with the Ministers of Belgium, France and Germany). The Committee's Report **Postgraduate Research Training Today: Emerging Structures for a Changing Europe** was published by the Ministry of Education and Sciences at the end of 1991.
- 1991-92 Member of OECD group of experts to review the higher education system of the Czech and Slovak Federal Republic.
- 1991-2 Member of group of experts appointed by the College van Bestuur, K.University Nijmegen, to evaluate women's studies in the university
- 1992-3 Member of group of experts appointed by the Ministry of Education, Finland, to evaluate the functioning of the Academy of Finland
- 1992-3 Member of expert panel for the Economic and Social sciences, Human Capital and Mobility Programme, European Commission (DG XII)
- 1994-5 Netherlands representative in 5-country consultative Committee on Postgraduate Research Training
- 1994-5 Member of Working Group on Cochlear Implantation established by the European Union of the Deaf and DG V of the European Commission
- 1999 Member of Working Group on 'Quality Control in Scientific Research', appointed by the President of the Royal Netherlands Academy of Sciences and the Chairs of the Dutch Research Council and of the VSNU
- 2000-1 Member of committee on pediatric cochlear implant, Health Council of the Netherlands
- 2000-1 Member of steering committee STT (*Stichting Toekomstbeeld der Techniek*) study technology and 'transmural' health care
- 2002-4 Member of committee on 'Hearing Research' of the Council for Health Research (*Raad voor Gezondheidsonderzoek*) of the Netherlands

- 2006- 9 Member of Working Group on Biosecurity, Royal Netherlands Academy of Sciences
- 2007- 8 Member of working group on qualitative methods, *Haute Autorité de Santé*, France
- 2009 -11 Member of Scientific Advisory Committee, Programme on Disability, *Caisse Nationale de Solidarité pour l'autonomie/MiRe*, *Ministère de la Santé* France
- 2009-15 Expert Advisor on Bioethics to the World Federation of the Deaf (WFD)

## PROFESSIONAL AND OTHER ACTIVITIES

- 1973-77 Member of Council of Management, War on Want, London
- 1977-81 Recorder, Sociology Section (N), British Association for the Advancement of Science
- 1983 Committee Member &  
1987-91 President, European Association for the Study of Science and Technology (EASST)
- 1990-94 President Research Committee on the Sociology of Science (RC 23), International Sociological Association
- 2000 Founder and Chair of *The Innovia Foundation for Medicine, Technology & Society*  
September 2002 Organised launching conference for *Innovia* held at the Rockefeller Foundation's Conference Center, Bellagio, Italy
- 2005-9 External Examiner, MA in Science & Technology Studies, University of Edinburgh
- 2015 Lecturer, summer school on public health, Department of Public Health, UNAM, Mexico (July)
- September 2015 Lecturer, Summer School on global health, Charité/ Institute of Public Health, Berlin
- September 2016, Idem

## PUBLICATIONS

### Monographs

Toward a Political Sociology of Science (New York, Free Press, 1974)

Insight and Industry: The Dynamics of Technological Change in Medicine (Cambridge Mass. MIT Press, 1992)

Grenzen aan Genezen: over Wetenschap, Technologie en de Doofheid van een Kind (Bert Bakker, Amsterdam, March 2006)

The Artificial Ear: Cochlear Implants and the Culture of Deafness (Rutgers University Press, 2011)

Immunization. How Vaccines became Controversial (London: Reaktion Books, 2017). (Translation into Korean published in 2018. Translation into Chinese published in 2022. Romanian translation 2023) 2<sup>nd</sup> paperback edition with a new Epilogue, 2021

## Edited books

Perspectives in the Sociology of Science (New York and Chichester, Wiley, 1977)

(edited with Joske Bunders, Loet Leydesdorff and Richard Whitley) The Social Direction of the Public Sciences. Sociology of the Sciences Yearbook XI (Dordrecht and Boston. Reidel Publishing Co. 1987)

(edited with Virginia Berridge) Poor Health. Social Inequality before and after the Black Report (London, Frank Cass, 2002)

(edited with R. Addlakha, P. Devlieger, O. Nagase and M. Winance) The Disability & Society Reader ((Orient Blackswan, Delhi, India, 2009)

(edited with S. Roalkvam and D. McNeill) Protecting the World's Children. Immunisation Policies and Practices (Oxford and New York, Oxford University Press, 2013)

(edited with Christine Holmberg and Paul Greenough) The Politics of Vaccination. A Global History (Manchester University Press, 2017)

(edited with Baptiste Baylac-Paouly) Immunization and States. The Politics of Making Vaccines. (Routledge, November 2021)

## Contributions to edited volumes

"Sociology of sciences and sociologies of science" in S S Blume (ed) Perspectives in the Sociology of Science (op cit, 1977)

(with Ruth Sinclair) "Aspects of the structure of a scientific discipline" in R D Whitley (ed) Social Processes of Scientific Development (London, Routledge, 1974)

"Technology in medical diagnosis: aspects of its dynamic and impact" in C Altenstetter (ed) Innovation in Health Policy and Service Delivery (Cambridge Mass, Oelgeschlager Gunn and Hain, 1981)

"Framework for Analysis" in C H G Oldham (ed) The Future of Research (Guildford, Society for Research into Higher Education, 1982)

"Crisis and critique in social policy" in Helga Nowotny (ed) Social Concerns for the 1980s: Thought and Action in Social Policy (Vienna, European Centre for Social Welfare Training and Research, 1984)

"After the darkest hour...Integrity and engagement in the performance of university research" in A Elzinga and B Wittrock (eds) The University Research System (Stockholm, Almqvist & Wicksell, 1986)

"Social science in Whitehall: Two analytical perspectives" in M Bulmer (ed) Social Science Research and Government (Cambridge and New York, Cambridge University Press, 1987)

"The theoretical significance of co-operative research" in S S Blume, J Bunders, L Leydesdorff and R D Whitley (eds) The Social Direction of the Public Sciences (Sociology of the Sciences Yearbook XI) (Dordrecht and Boston, Reidel, 1987)

(with R Hagendijk and A Prins) "Political culture and the policy orientation in Dutch social science" in P Wagner et al (eds) Social Science and Modern States (Cambridge University Press, 1991)

"Whatever happened to the string and sealing wax?" in R. Bud and S. Cozzens (eds) Instruments and Institutions: Making History Today (SPIE Press, Bellingham, WA, 1992)

"Professional contexts of technological change" in G. Lawrence (ed) Technologies of Modern Medicine (The Science Museum, London, 1994)

"L'implant cochléaire" in Les Lundis du GESTES (vol I) (GESTES, Paris, 1994) 7-18

"Cochlear Implantation: Establishing clinical feasibility, 1957-1982" in N Rosenberg, A C Gelijns and H Dawkins (eds) Sources of Medical Technology: Universities and Industry (Volume 5 of Medical Innovation at the Crossroads, National Academy of Sciences Press, Washington DC 1995) pp 97-124

(with Barbara Regeer) "The audiometer" in R Bud, S Johnston and D Warner (eds) Instruments of Science: A Historical Encyclopedia (Garland Publishers, 1998) pp 39-41

"From bench to bush: Problems of vaccine development and their analysis" in P. Streefland (ed) Problems and Potential in International Health (Het Spinhuis, Amsterdam, 1998) pp 169-182

"Structures of innovation and their historic roots: the case of medicine" in Luca Guzzetti (ed) Science and Power: the historical foundations of research policies in Europe pp 121-136 (Luxembourg, Commission of the European Communities, 2000)

"Medicine, technology, industry" pp 171-186 in J. Pickstone and R. Cooter (eds) Medicine in the Twentieth Century (Harwood Academic Publishers, 2000)

"Reflections on bioethics from a Deaf viewpoint" pp 116-126 in Lorraine Leeson Looking Forward: the Deaf Citizen in the 21st Century (Coleford. Douglas McLean, 2001)

"Technology, medicine and the quality of life" pp 69-86 in Eva Simonsen et al (eds) Utvikling og livskvalitet (Development and quality of life) Oslo. Skådalen Resource Centre, Publication Series No. 14, 2002 (also published in Icelandic as "Tækni, lækningar og lífsgæði")

"Het medische innovatieproces in perspectief" ("The medical innovation process in perspective") pp 34-54 in Jessika van Kammen (ed) Zorgtechnologie: Kansen voor innovatie en gebruik (Home care technology: opportunities for innovation and use) Den Haag. STT/Bewoton 2002

(with Dale Rose) "Citizens as users of technology. An exploratory study of vaccines and vaccination" pp 103-131 in Nelly Oudshoorn and Trevor Pinch (eds) How Users Matter. The Co-construction of Users and Technology (Cambridge and London, MIT Press, 2003)

"The politics of end points" pp 249-72 in Julie Anderson and Carsten Timmerman (eds) Designs and Devices; Medical Technology in Historical Perspective (London, Palgrave, 2006)

"Towards a history of the 'vaccine innovation system', 1950-2000" pp 255-286 in Caroline Hannaway (ed) Biomedicine in the 20<sup>th</sup> Century: Practices, Policies and Politics (Amsterdam, IOS Press, 2008)

"What can the study of science and technology tell us about disability?" pp 348-359 in Nick Watson, Alan Roulstone and Carol Thomas (eds) Routledge Handbook of Disability Studies (London, Routledge, 2011)

"How does technology influence the quality of life of deaf children" (in Dutch) pp 19-30 in G.De Clerck and R. Pinxten (ed) Gebarentaal Zegt Alles (Leuven, Belgium, Acco, 2012)

"Ethikdebatte und gesellschaftlicher prozess: lehren aus der geschichte des cochlear implantats" pp 107-121 in M Eilers, K. Gruber and C Rehmann-Sutter (eds) Verbesserte Körper und das Gute Leben (Frankfurt, Peter Lang, 2012)

(with Sigrid Bosteels) "The making and unmaking of deaf children" pp 81-100 in M. Eilers, K.Gruber and C.Rehmann-Sutter (eds) The Human Enhancement Debate and Disability (London, Palgrave Macmillan 2014)

"The erosion of public sector vaccine production: the case of the Netherlands" pp 148-173 in Holmberg, Blume and Greenough (eds, loc cit).

"The politics of global vaccination policies" in C. McInnes, K Lee, and J Youde (eds) The Oxford Handbook of Global Health Politics Oxford Handbooks Online, Oxford University Press 2019. DOI 10.1093/oxfordhb/9780190456818.013.34

'Introduction' (with Baptiste Baylac-Paouly) pp 1-19 in Blume and Baylac-Paouly (eds) Immunization and States. DOI 10.4324/9781003130345-1

Epilogue: States and vaccines in the age of Covid-19' (with Maurizia Mezza) pp 199-217 in Blume and Baylac-Paouly (eds) Immunization and States. DOI: 10.4324/9781003130345-10

## Reports

Postgraduate Education: Structures and Policies pp260 (Paris, OECD, 1972)

(with Ruth Sinclair) Research Environment and Performance in British University Chemistry (pp53) Science Policy Studies No.6 (London, HMSO, 1973)

"New teaching-research relationships in mass post-secondary education" pp7-65 in Structures of Studies and Place of Research in Mass Post-Secondary Education (Paris, OECD, 1974)

(with Marie-Janine Chartier) "The effects of biculturalism on science in Canada: the results of a feasibility study" (Report to the Science Council of Canada, Montréal, 1974)

Science Policy Research: Its Current State and Future Priorities (pp 135) (Oslo, NAVF Institute for Studies in Research and Higher Education, 1978)

"The role of credentials for entry into certain professions" pp95-144 in Selection and Certification in Education and Employment (Paris, OECD, 1977)

Positive Discrimination in Health (Civil Service College Working Papers No.14, London 1979)

"The current state of science and technology policy" pp14-58 in Science and Technology Policy for the 1980s (Paris, OECD, 1981)

The Commissioning of Social Research by Central Government (pp59) (London, Social Science Research Council, 1982)

The State of the Art in Science Policy Research and its Implications for Policy (pp80) (Stockholm, Swedish Council for Planning and Co-ordination of Research, 1982)

(with others) The Future of University Research (Paris, OECD, 1981)

"University research and technological change: a problem and its study" Proceedings of the 13th Commonwealth Universities Conference (London, Association of Commonwealth Universities, 1983)

(with G Ferné and M Gibbons) Industry and University: New Forms of Cooperation and Communication (Paris, OECD, 1984)

(with J B Spaapen and A A M Prins) De Externe Beoordeling van Wetenschappelijk Onderzoek aan Nederlandse Universiteiten en Hogescholen (pp 193) (Den Haag, Ministerie van Onderwijs en Wetenschappen, 1985)

The Development of Dutch Science Policy in International Perspective, 1965-1985 (Advisory Council on Science Policy, Background studies no. Den Haag, Government Printing Office, 1986)

(with Olga Amsterdamska) Postgraduate Education: Problems and Policies in the 1980s (pp 80) (OECD, Paris, 1987)

Interdisciplinarity in the Social Sciences (pp 49) (London, SPSG Concept papers #10, 1990)

(edited with an introduction) Postgraduate Education (Paris, OECD, 1995)

(with H. Dijstelbloem, J Spaapen and F Wamelink Balans en Flexibiliteit De functie van Onderzoekscholen in het universitaire bestel pp 1-69 in *De Onderzoekschool: Twee evaluatieve rapporten*, Zoetermeer, Ministry of Education and Science, July 2000

(with Geerke Catshoek) Patiëntenperspectief in Onderzoek: Mogelijke strategieën (Utrecht. Stichting PatiëntenPraktijk, October 2001) (68pp) (also published in English as) Articulating the patient perspective: strategic options for research (Report to Patiënten Praktijk, 54pp, 2001)

### **Journal Articles**

"The brain drain" Universities Quarterly (June 1968)

"Aspects of liberal science policy" Chemistry in Britain (January 1969)

"The support of research in British universities: the shifting balance of multiple and unitary sources" Minerva VII 4 (1969)

(with Ruth Sinclair) "Chemists in British universities: a study of the reward system in science" American Sociological Review 38 1 (1973)

"Behavioural aspects of research management: a review" Research Policy 3 1 (1974)

(with Elizabeth Chennells) "Professional civil servants: a study in the sociology of public administration" Public Administration (Summer 1975)

"D'une perspective 'extrinsèque' en sociologie de la science" Sociologie et Société 7 1 (1975)

" 'Realismo' y 'alcances' en la sociologia de las ciencia moderna" Revista Mexicana de Sociologia 37 1 (1975)

"Towards a science policy for the social welfare field" Zeitschrift für Soziologie 4 4 (1975)

"Policy as theory" Acta Sociologica 20 2 (1977)

republished by invitation as

"Les politiques en tant que théories" Recherches Sociologiques 8 (1977)

"Policy studies and social policy in Britain" Journal of Social Policy 8 3 (1979)

"The finance of university research in Western Europe" European Journal of Education 15 4 (1980)

"Research excellence: the importance of external dialogue and internal management" Int J of Institutional Management in Higher Education 6 2 (1982)

"Explanation and social policy: 'the' problem of social inequalities in health" Journal of Social Policy 11 1 (1982)

Reprinted by invitation in

M Bulmer et al Social Science and Social Policy (London, Allen & Unwin, 1986)

"Science policy and the university: implications for planning and management" Int J of Institutional Management in Higher Education 8 (1984)

"The significance of technological change in medicine: introduction" (in special issue of Research Policy guest-edited together with S N Finkelstein) Research Policy 14 (1985)

"The development and current dilemmas of postgraduate education" European Journal of Education 21 3 (1986)

(with J B Spaapen) "External assessment and 'conditional financing' of research in Dutch universities" Minerva 26 (1988) 1- 30

"Technology and society" (review essay) Kennis en Methode 15 (1991) 198-206

(with A Hiddinga) "Social contexts of cognitive change in medicine: the origins and transformation of obstetric pelvimetry" Science Technology and Human Values 17 2 (1992) 154

(with D. de Wied) "Onderzoeksscholen in Europees perspectief" Universiteit en Hogeschool 38 (1991-2) 253

"Social process and the assessment of a new imaging technique" International Journal of Technology Assessment in Health Care 9 (1993) 335-45 (*this paper was awarded the 2nd FHP Prize of the International Society for Technology Assessment in Health Care*)

'Deaf in the future' Signpost:Journal of the International Sign Linguistics Association 6 4 (1993) pp29-33

"Making the deaf hear': the cochlear implant as promise and as threat" Medische Anthropologie 6 (1994) 108

"The impact of new medical technologies and the nature of professional control" Klinische Fysica (1994) 4 399-409

"Why assessing technologies for disabled people is problematic: a sociological view" Kennis en Methode 20 (1996) 362-376 (in Dutch) *reprinted* in M. Berg and A. Mol (eds) Medische Technieken Doorgericht (Utrecht, Van der Wees, 2001) pp 197-207

"The rhetoric and counter rhetoric of a 'bionic' technology" Science Technology and Human Values 22 (1997) 31-56

"Early warning in the light of theories of technological change" International Journal of Technology Assessment in Health Care 14 (1998) 613-623

"Histories of cochlear implantation" Social Science & Medicine 49 (1999) 1257-1268

(with S.Kyvic, B.Karseth and JA Remme) "International mobility among Nordic doctoral students" Higher Education 38 (1999) 379-400

"Dwalingen in de geneeskunde in de 20<sup>e</sup> eeuw: lessen voor de 21<sup>e</sup> ?" ("Errors of medicine in the 20th century: lessons for the 21st?") Medisch Contact November 1999

"Land of hope and glory: "Exploring cochlear implantation in the Netherlands" Science Technology and Human Values 25 (2000) 139-166

(with Ingrid Geesink) "Vaccinology: an industrial science?" Science as Culture 9 (2000) 41-72

(with Ingrid Geesink) "A brief history of the polio vaccines" Science 288 (2000) 1593-4

(with Ingrid Geesink) "Zoektocht naar vaccins in Nederland sinds 1945" (The search for vaccines in the Netherlands since 1945) Geschiedenis der Geneeskunde (September 2000)

(with Pascale Lehoux) "Technology assessment and the sociopolitics of health technologies" Journal of

Health Policy Politics and Law 25 6 (2000) 1083-1120

"Testing and empowerment: on the boundary between hearing and deafness" Medische Antropologie 14 (2002) 55-69

"The Black committee on health inequalities (1977-1980): A personal view of its work" Contemporary British History 16 (2002) 107- 119

(with Geerke Catshoek) "De patiënt als medeonderzoeker. Van vraaggestuurde zorg naar vraaggestuurde onderzoek" Medische Antropologie 15 (2003) 1 183-204

(with Anita Hardon) "Shifts in global immunisation goals (1984-2004): unfinished agendas and mixed results" Social Science & Medicine 60 (2005) 345-356

"Lock in, the state and vaccine development: lessons from the history of the polio vaccines" Research Policy 34 (2005) 159-173

"Anti-vaccination movements and their interpretations" Social Science & Medicine 62 (2005) 628-642

(with Mariske Zanders) "Vaccine independence, local competences and globalization: lessons from the history of pertussis vaccines" Social Science & Medicine 63 (2006) 1825-1835

(with Ulrike Lindner) "Vaccine innovation and adoption: polio vaccines in the UK, the Netherlands and (West) Germany, 1955-1965" Medical History 50 (2006) 425-46

"Assessing health technologies in a changing world" International Journal of Technology Assessment in Health Care 25 (2009) 276-280

(with Janneke Tump) "Evidence and policymaking. The introduction of MMR vaccine in the Netherlands" Social Science & Medicine 71 (2010) 1049-55

(with Anja Hiddinga) "Disability studies as an academic field: reflections on its development" Medische Antropologie 22 (2010) 225-236

(with Jan Hendriks) "Measles vaccination before MMR." American Journal of Public Health 103, 8 (2013) 1393-1401

"Medical innovations: their diffusion, adoption and critical interrogation" Sociology Compass 7/9 (2013) 726-737

(with Nuria Rossell and Roy.Gigengack) "Childhood cancer in El Salvador: A preliminary exploration of parental concerns in the abandonment of treatment" European Journal of Oncology Nursing (2015) 19: 4, 370-5

(with Lourdes Huiracocha et al) "'Su guagua no escucha nada'. Ecuadorian families confronting the deafness of a child" Disability & Society (2015) 30:4, 556-568

(with Jan Hendriks) "Why might regional vaccinology networks fail? The case of the Dutch-Nordic Consortium" Globalization and Health (2016) 12:38

"In search of experiential knowledge" Innovation: The European Journal of Social Science Research (DOI 10.1080/13511610.2016.1210505)

(with Lourdes Huiracocha et al) 'Parents and grandparents of deaf children in Ecuador. Concerns and expectations'. Disability & Society (2017) DOI: 10.1080/09687599.2017.1358603

(with M. Heval Ozgen) 'The continuing search for an addiction vaccine'. Vaccine 37, 36 (2019) pp 5485-5490

(with Anne Hagen Berg) "Reasonable grounds? The delayed introduction of MMR vaccine in Denmark and the Netherlands, 1977-87" Medical History (2020) 64 Issue: 3 pp 355-373

(with Maurizia Mezza) "Turning suffering into side-effects. Responses to HPV vaccination in Colombia" Social Science and Medicine (2021)282 pp xxx

(with Baptiste Baylac-Paouly and Jan Hendriks) "Polio Vaccine Struggles: FAIR and the Failed Reintroduction of Inactivated Polio Vaccine, 1975–1985" Social History of Medicine. October 2021 doi:10.1093/shm/hkab072

'Goodbye Global Health?' Bulletin of the Institute of Ethnography SASA (Belgrade) DOI: <https://doi.org/10.2298/GEI2103531B>

### **Selected book reviews**

D.M. Fox and C. Lawrence Photographing Medicine: Images and Power in Britain and America Since 1840 (Greenwood Press 1988) British Journal of the History of Science

D.E.Chubin and E.J.Hackett Peerless Science: Peer Review and US Science Policy (State University of New York Press 1990) Science (December 1990)

S.B.Foote Managing the Medical Arms Race (California University Press, 1992) Times Higher Education Supplement (London)(November 1992)

P.E. Stephan and S.G. Levin Striking the Mother Lode in Science: the Importance of Age, Place and Time (Oxford University Press 1992) Science (January 1993)

S. Cole Making Science Nature (August 1993)

J. Pickstone (ed) Medical Innovation in Historical Perspective (Macmillan 1992) in Research Policy (1994)

E M Tansey and D A Christie (eds) Looking at the unborn: historical aspects of obstetric ultrasound. (London: The Wellcome Trust). Medical History 46 (2002) 452

Kirk Jeffrey Machines in our Hearts. The cardiac pacemaker, the implantable defibrillator and American Health Care (Baltimore and London, Johns Hopkins, 2001) in Medical History 47 (2003) 390-1

James Colgrove State of Immunity: the Politics of Vaccination in 20<sup>th</sup> century America (University of California Press, 2006) in Medical History

Elena Conis Vaccine Nation. America's Changing Relationship with Immunization (Chicago University Press, 2015) in Isis 109 (September 2018) 670-1

Paul Richards. Ebola: How A People's Science Helped End an Epidemic.. (London: Zed Books, 2016).  
Debora Diniz. Zika: From the Brazilian Backlands to Global Threat. Translated by Diane Grosklaus Whitty.. (London: Zed Books, 2016) in Isis 110, Number 3, (2019) 658-60

Michael Bennett: War against smallpox. Edward Jenner and the global spread of vaccination. (Cambridge: Cambridge University Press, 2020) in Metascience (2021) <https://doi.org/10.1007/s11016-021-00631-6>

Maya J. Goldenberg. Vaccine Hesitancy. Public Trust, Expertise and the War on Science (Pittsburgh University Press 2021) in Social History of Medicine <https://doi.org/10.1093/shm/hkab070>

### **Popular-scientific articles and journalism**

'Get ready for the global fight over vaccines' [New York Times](#), April 30, 2020

(with Maurizia Mezza) 'What when there's a vaccine/' [Social Europe](#), 5th May 2020

(with Radhika Ramasubban) 'A COVID-19 Vaccine for India Is Only a Part of the Answer'. [The Wire](#) 3 July 2020

(with Maurizia Mezza) 'Another Bogus Vaccine Attack from RFK Jr.' [The Daily Beast](#) 23 July 2020

(with Maurizia Mezza) 'How the sun was privatized' [Eurozine](#) 24 February 2021 page 1

(with Maurizia Mezza) 'Covid-19 vaccines and the fear of side-effects' [Culturico](#) April 11, 2021

'Could you have been Vaccine Hesitant in 2006?' [PsychologyToday](#) June 10 2021

'The Dangers of Vaccine Over-confidence.' [Psychology Today](#) July 16 2021

'Meeting and Greeting in the Age of Covid-19' [Psychology Today](#), August 27 2021

'Is Covid Spoiling Encounters?' [Psychology Today](#), October 25 2021

'What is Herd Immunity?' [Psychology Today](#), December 16 2021

'Preparing for the "Next Generation" of COVID-19 Vaccines.' [Psychology Today](#), January 31, 2022

'What exactly are side effects?' [Psychology Today](#) March 28, 2022

(with Vesna Trifunović) 'Ukrainian refugees and vaccination challenges.' [Social Europe](#) April 18, 2022

(with Vesna Trifunović) 'Covid-19 and the 'deserving' vulnerable.' [Social Europe](#) May 3, 2022

'How wjll we know when the pandemic is over?' [Psychology Today](#) June 16, 2022

'How Do Science Skepticism and Reliance on Tech Coexist?' [Psychology Today](#) February 9, 2023

(with Maurizia Mezza) 'Pandemic preparedness: new vaccines are not enough'. [Social Europe](#) 23 February 2023

'New hope for people with no sense of smell' [Psychology Today](#) 25 June 2023

'Thinking outside the box in public health' [Psychology Today](#), 20 September 2023

### **Selected invited lectures and interviews, unpublished papers**

"Changing priorities for government R&D: problems of analysis and prescription" (Paper presented to a conference of the DGRST, Paris, "Peut-on rediriger la science?", 1975)

"Initiative taking in research policy: some sociological indications" (Proceedings of the First conference of the 4S, Ithaca NY, 1976)

"Elite institutions in post-secondary education systems: France, United Kingdom, United States" (Paris, OECD, document SME/ET/78.32)

"Structures and values as barriers to innovation-oriented research in Britain" (paper presented at a

conference on 'Cross national perspectives in industrial research: obstacles and innovation in the applied sciences', Maison des Sciences de l'Homme/CNRS, Paris, 1979)

"New forms of co-operation between industry and the universities: national survey of Finland" (Paris, OECD, document DSTI/SPR/82.19/22)

(with P van Hoesel) "Government commissioning of social policy research: Dutch experience in comparative perspective" (Leiden, LISBON, 1982)

"Structural and cultural determinants of research performance: a review" (Invited paper presented at a conference 'La Recerca Biològica a Catalunya', Barcelona, March 1982)

"Determining priorities for science and technology: a review of the Unesco method and its application" (Paris, UNESCO, document )

"The professionalisation of research training" (Invited paper presented at conference of the Italian Sociological Association 'La Professionalita Scientifica', Rome, 1985)

"Elite and mass higher education: changing systems for changing circumstances" (Invited paper presented at a workshop on 'Professions and Democratic Society', Brasilia, September 1986)

"Research and training: recent experience and current debates" Introductory document prepared for workshop I, Vienna-Bratislava Conference Economies in Transition: Science Technology and Innovation Policies March 1991 (OECD document CCEET/DSTI/VBC(91)3)

(with B. Robbe) "Extending a helping hand: problems of technology and handicap" (Report to the Stichting Technische Wetenschap, 1991)

"Cochlear implantation: the dynamics of a controversial technology" (paper presented at conference on Technological Change, University of Oxford, September 1993)

"Cochlear implantation and the politics of deafness: Britain and the Netherlands compared" (paper presented to the Deaf Studies Research Unit, University of Durham, December 1993)

"Recovering the historical sociology of science: a personal reflexion on the current relevance of the work of Joseph Ben-David" (invited paper presented at the Bar-Hillel Colloquium for the History, Philosophy and Sociology of Science conference on the work of Joseph Ben-David, Jerusalem, February 1994)

"Cochlear implants - New Hope or Disappointment, and for Whom?" Invited Plenary lecture, XII World Congress of the World Federation of the Deaf, Vienna, July 1995

(with Ingrid Geesink) "Vaccine development - a sociological approach to technological change in medicine" (Invited paper presented at a conference on *Social Science and Immunization* Rajendrapur, Bangladesh, August 1995)

(with others) "Extended review of the internationalization of research training in the European Union" (Report to DG XII of the European Commission 1995) (pp32)

"Selling hope: the cultural dimension of medical innovation" Paper presented at a Wellcome /CRIC workshop on 'The emergence of markets for new technologies of health and medicine' Manchester, January 2000

"How does technology affect the quality of life of deaf children?" Invited lecture at the European Days of Deaf Education, Örebro, Sweden, May 2003

"HTA – a critical reappraisal" Invited lecture at the Innovative Health Technologies (IHT)-HTAi joint meeting, Rome, June 2005

“On the scope and validity of technology assessments” Invited lecture at “Expert workshop on the evaluation of genetic services” Edinburgh, March 2006

(with Carla Donoso, Natalia Niño and Karina Romo) “Global technology and global protest: cochlear implants and the deaf community in Latin America” (presented at Latin American Studies conference, Leeds. March 2009)

“Disability studies in the Netherlands” (invited paper presented at a conference on “New paradigms in disability research” (Quito, Ecuador, June 2009)

“Globalization, vaccines and public health” (Invited lecture, University of Linköping, Sweden, March 2011)

“Development and introduction of new vaccines in the Netherlands 1957-2005” (Invited presentation, Conference on *Vaccination, Society & Politics*, Institute for History of Medicine, Berlin School of Public Health, April 2011)

“The politics of patient participation” (Invited presentation, conference on *Volunteers in Clinical Trials*, University College London, June 2011)

“Patient activism and the politics of health care” (Invited public lecture, Lancaster, September 2011)

“Challenges to medical authority” (invited public lecture, '17 – Instituto de Estudios Criticos, Mexico DF, February 2014)

“What can vaccines teach us about globalization” (Invited lecture, University of Sussex, Brighton, May 2014)

“Decisions and indecisions. Social capital and the parenting of deaf children” (Keynote lecture, Nordic Network on Disability Research, Bergen, Norway, May 2015)

“The decline of public sector vaccine production” (Global Health Histories Seminars, World Health Organization, Geneva, June 18, 2015)

‘Waiting for a vaccine’ Open webinar, in Global and International Studies, University of Salamanca, May 24, 2020

Interviewed in ‘Why ‘vaccine nationalism’ could slow coronavirus fight, *Financial Times*, May 24 2020  
<https://www.ft.com/content/6d542894-6483-446c-87b0-96c65e89bb2c>

Interview with Jennifer Rigby in ‘Speed of coronavirus vaccine race ‘crazy’ and unsafe, scientists warn’ *Daily Telegraph* (London) 6 September 2020 <https://www.telegraph.co.uk/global-health/science-and-disease/speed-coronavirus-vaccine-race-crazy-unsafe-scientists-warn/>

‘Eigen vaccin eerst’ Interview in *DeTijd* (Belgium) May 2020  
<https://www.tijd.be/politiek-economie/internationaal/algemeen/eigen-vaccin-eerst/10228113.html>

‘Toxic reaction? Coronavirus and medical nationalism.’ France 24. Debate.24 May 2020  
<https://www.france24.com/en/20200518-toxic-reaction-coronavirus-and-medical-nationalism>

Interview with Oksana Boyco, ‘Worlds Apart’ programme of RT ‘Vaccine against fear’ (September 2020)  
<https://www.youtube.com/watch?v=BIR1177oH1Q>

‘Global collaboration against the pandemic’ Webinar. The Daiwa Foundation 28 October 2020.  
<https://dajf.org.uk/ja/event/global-collaboration-against-the-pandemic>

'Wantrouwen tegen vaccinaties is van alle tijden' Interview in NU. January 2021  
<https://www.nu.nl/advertorial/advertorial-nationale-wetenschapsagenda/6100644/wantrouwen-tegen-vaccinaties-is-van-alle-tijden.html>

'Waarom wantrouwen zoveel mensen de vaccins?' Interview with Pieterel Gruppen, Trouw, 4 March 2021  
<https://www.trouw.nl/buitenland/waarom-wantrouwen-zoveel-mensen-de-vaccins-b652a917/?referrer=https%3A%2F%2Fwww.google.com%2F>

'COVID-19 Vaccination Politics: (In)equalities and the Role of Europe' (University of Leipzig)  
<https://ifescovid19blog.com/lunch-lecture-covid-19-vaccination-and-inequalities/>

Podast, with Dave Hodgson, 17 June 2021 Talkradio Europe  
<https://www.talkradioeurope.com/stuart-blume-immunization-how-vaccines-became-controversial-with-tres-dave-hodgson/>

Interviewed for Austrian radio (June 2021). <https://cloud.orf.at/index.php/s/QPSqwAbGW6wnwGi>  
Text 'Wer macht den Stich?' <https://science.orf.at/stories/3206903/>

Interview with Jayne Savva (August 2021) The Honest Truth: How the fight against pandemics began in a cowshed 200 years ago. Sunday Post (Scotland)  
<https://www.sundaypost.com/fp/the-honest-truth-vaccines/>

'Ben jij al gevaccineerd?' Waarom deze vraag privé is (maar wel belangrijk) Interviewed in RTL Nieuws 6 August 2021 <https://www.rtlnieuws.nl/nieuws/nederland/artikel/5246756/ben-jij-al-gevaccineerd-waarom-deze-vraag-privé>

Across the Margin: the Podcast. Interview. 26 October 2021  
<https://shows.acast.com/across-the-margin-the-podcast/episodes/episode119-howvaccinesbecamecontroversialwithstuartblume>

### **PhD dissertations supervised**

(more than 20 including...)

Annetine Gelijns "Innovation in Clinical Practice" (1991)

Bernike Pasveer "Shadows of knowledge" (1992)

Jack Spaapen "Research for Society. Toward a method for the assessment of research in a policy context" (1995)

Jessika van Kammen "Conceiving contraceptives" (2000)

Anne Beaulieu "The space inside the skull: digital representations, brain mapping and cognitive neuroscience in the decade of the brain" (2000)

Maria Fernanda Olarte Sierra "Achieving the desirable nation: Abortion and prenatal tests in Colombia" (2009)

Jan Hendriks "Societal Vaccinology. The Netherlands public sector vaccine development, production and technology transfer in the context of global health" (March 2017)

Prachatip Kata "The world of blind people in Thailand" (2018)

Lourdes Huiracocha 'Disability & Development. Caring for children with disabilities in Ecuador' (February 2020)

Currently  
Kali Carrigan, Maurizia Mezza, Raj Long