

Nicolaas Adrianus RUPKE

CURRICULUM VITAE AND BIBLIOGRAPHY

Washington & Lee University
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Study

Biology and geology at Groningen (mentor: Philip H. Kuenen) and Princeton;
and history of science at Princeton (mentor: Charles C. Gillispie) and Oxford

Degrees

B.Sc. Groningen, 1968
M.A. Princeton, 1970
Ph.D. Princeton 1972 (summa cum laude)

Professional Interests

History of science and medicine; national sciences of Great Britain and Germany;
science & religion; history of evolution theory; scientific biography and
metabiography

Current Position

Washington & Lee University
Rupert H. Johnson Jr. Professor in the College, 2012-present

Previous Positions

Göttingen University
Niedersachsen Research Professor of the History of Science, 2009-2012
Professor of the History of Medicine / Science, 1993-2009

Vanderbilt University
Nelson O. Tyrone Jr. Professor of the History of Medicine, 1997-1998
(concurrent position)

Institute of Advanced Studies, Australian National University
Senior Fellow of the History of Ideas, 1989-1993

National Humanities Center, North Carolina
Walter Hines Page Fellow, 1988-1989

Wellcome Trust, London
Wellcome Research Fellow, 1983-1987

Tübingen University
Alexander von Humboldt Research Fellow, 1981-1983

Oxford University
NERC Post-Doctoral Fellow / IBM Research Fellow / Howard Foundation
Fellow / Wolfson College JRF and Research Fellow, 1973-1981

Smithsonian Institution
Smithsonian Fellow in Physical Sciences, 1972-1973

Honorary Elections

Geological Society of America, Fellow, elected 1978
Geological Society of London, Fellow, elected 1980
Royal Historical Society, Fellow, elected 1986
German Academy of Sciences Leopoldina / Deutsche Akademie der
Naturforscher Leopoldina, Member, 2001-present
Göttingen Academy of Sciences / Akademie der Wissenschaften zu Göttingen,
Member, 2005-present

Current Research Projects

"Johann Friedrich Blumenbach-online"

Funded in 2010 as a *Langzeitvorhaben* of the Union of German Academies, this project is a cooperative venture between the Göttingen Academy of Sciences, Göttingen University, the Göttingen SUB (Niedersächsische Staats- und Universitätsbibliothek), and an international group of Blumenbach scholars. Our aim is to produce an electronic edition of Blumenbach's writings - all editions and including translations - as well as his collections of natural history objects, enhancing accessibility by applying state-of-the-art digital tools. Moreover, we document Blumenbach's contemporary reception and assess his lasting significance, in particular with respect to the anthropology of race. My main role has existed in leading the

initiative, and currently exists in working on “Blumenbach and the origin of life, species and races”.

"The non-Darwinian tradition in Evolutionary Theory"

The story of evolutionary biology has largely been written by Darwin and his followers. While critically examining their narrative of Darwinian triumphalism, I present a revisionist history of evolution theory that highlights the non-Darwinian approach to the origin of life and species, situating the two approaches geographically as well as socio-politically. In preparation of a monograph, several scaffolding papers have been published, most recently about the myth “That Darwinian natural selection is ‘the only game in town’”, in Ronald L. Numbers and Kostas Kampourakis (eds), Newton’s Apple and Other Historical Myths about Science. Cambridge, MA: Harvard University Press, pp. 103-11; 244-46.

"Animal behaviour and human morality, 1800-present"

In a series of biographical studies of animal “psychologists”, I explore the history of the subject of animal behavior in its bearing on human morality, from the beginning of the professionalization of the field around 1800 till the present day. An outline of the project is my "Nature as culture: the example of animal behavior and human morality," in James D. Proctor (ed.), Envisioning Nature, Science and Religion. West Conshohocken, PA: Templeton Press, 2009, 271-292.

Grant Money Raised

In addition to a series of competitive personal research fellowships, institutional research grants to the tune of ca. 6 million Euros have been raised from the

European Commission
 Fritz Thyssen Foundation
 German Research Foundation
 Göttingen Academy of Sciences
 John Templeton Foundation
 Volkswagen Foundation
 Union of German Academies of Sciences

Current Teaching: Lecture Series and Seminars

Great Moments in the History of Science
 The Scientist as National Hero

The Scientist as Political Leader, from Thomas Jefferson to Angela Merkel
 Place and Race: the Scientific Construction of Euro-Exceptionalism
 Science, Race and Racism
 Animal Experimentation and Animal Rights in Historical Perspective
 Biology without Darwin / Darwin and His Critics
 Animal Behaviour & Human Morality, from William Kirby to Frans de Waal
 Science & Religion: the Five Discourses
 Doomsday Science – Then and Now
 Scientific Biography / Metabiography / Alexander von Humboldt

Selected Service to the Profession

Acting Head, History of Ideas Program, Institute of Advanced Studies, ANU, 1991-1993
 Director, Institute for the History of Medicine, Göttingen Univ., 1994-1997
 Member, Medical Ethics Committee, Göttingen Univ., 1994-1998
 Director, Institute for the History of Science, Göttingen Univ., 1997-2009
 Member, Advisory Board, Alexander von Humboldt Research Centre, Berlin-Brandenburg Academy of Sciences 2002-2005
 President, German Society for the History and Theory of Biology; 2001-2005
 Chair, Johann Friedrich Blumenbach Commission of the Göttingen Academy of Sciences, 2005-2010
 Chair, Albrecht von Haller Commemoration Committee of the Göttingen Academy of Sciences, 2005-2009
 Chair, *Langzeitvorhaben* Blumenbach-online of the Göttingen Academy of Sciences, 2010-2012
 Member of advisory and editorial boards of, and referee for, a variety of scholarly periodicals, encyclopaedias, publications series, academic publishers, foundations, prize and promotions committees, and the like

International Conferences Organized

"Ideas and ideologies", Eugene Kamenka valedictory meeting, 16-18 July 1993
 "Medical geography in historical perspective," 13-15 June 1996
 "New perspectives on Alexander von Humboldt," 29-31 May 1997
 "Evolutionsbiologie von Darwin bis heute," 5-6 Dec. 1997 (with Rainer Brömer and Uwe Hoßfeld)
 "Göttingen and the development of the natural sciences," 23-25 Nov. 2000
 "The religious beliefs and practices of scientists – 20th century," 27-29 May 2002

"Doomsday science – then and now," 7-9 Oct. 2004

"Physische Anthropologie und Biologie des Menschen," 23-26 June 2005 (Annual meeting of the German Society for the History and Theory of Biology)

"New approaches to science & religion," 29 June-1 July 2006

"Eine Welt der Gelehrsamkeit: das Göttingen von Johann Friedrich Blumenbach," 12 Jan. 2007

„300 Jahre Albrecht von Haller: Genialität, Internationalität, Exzellenz“, „Ringvorlesung“ (with Norbert Elsner), Oct. 2008-Febr. 2009.

„Newton’s apple and other historical myths about science“, 8-11 May 2014 (with Ronald L. Numbers and Kostas Kampourakis)

„Johann Friedrich Blumenbach and the Culture of Science in Europe around 1800“, 23-24 April 2015 (with Gerhard Lauer)

Publications

Monographs and Edited Volumes

Distinctive Properties of Turbiditic and Hemipelagic Mud Layers (with Daniel J. Stanley). Smithsonian Contributions to the Earth Sciences, no. 13; Washington, DC, Smithsonian Institution Press, 1974; 40 pp.

The Great Chain of History. Oxford, Clarendon Press, 1983; 334 pp.

2nd, corrected edn., 1985, 322 pp.

(Ed.), Vivisection in Historical Perspective. Wellcome Institute Series in the History of Medicine; London, Croom Helm, 1987; 373 pp.

Paperback, Routledge, 1990; 373 pp.

(Ed.), Science, Politics and the Public Good. Essays in Honour of Margaret Gowing. London, Macmillan, 1988; 260 pp.

(Ed.), Ideas and Ideologies. Essays in Memory of Eugene Kamenka. The Australian Journal of Politics and History, Special Issue, vol. 40, 1994, 218 pp.

Richard Owen: Victorian Naturalist. London and New Haven, Yale Univ. Press, 1994; 462 pp.

Revised paperback edn.: Richard Owen: Biology without Darwin. Chicago and London: University of Chicago Press, 2009, 356 pp.

(Ed.), Evolutionenbiologie von Darwin bis heute (with Rainer Broemer and Uwe Hossfeld). Verhandlungen zur Geschichte und Theorie der Biologie, vol. 4; Berlin, Verlag für Wissenschaft und Bildung, 1999; 425 pp.

(Ed.), Medical Geography in Historical Perspective. Medical History, Supplement No. 20, The Wellcome Trust Centre for the History of Medicine at UCL, London, 2000; 227 pp.

(Ed.), Göttingen and the Development of the Natural Sciences. Göttingen, Wallstein Verlag, 2002; 199 pp.

Alexander von Humboldt: a Metabiography. Frankfurt am Main, Lang Verlag, 2005, 320 pp.

Corrected paperback edn., University of Chicago Press, 2008, 316 pp.

(Ed.), Physische Anthropologie – Biologie des Menschen (with Michael and Joachim Kaasch). Verhandlungen zur Geschichte und Theorie der Biologie, vol. 13; Berlin, Verlag für Wissenschaft und Bildung, 2007; 318 pp.

(Ed.), Eminent Lives in Twentieth-Century Science and Religion. Frankfurt am Main: Lang Verlag, 2007, 255 pp.

Revised and much expanded edn., Frankfurt am Main: Lang Verlag, 2009, 371 pp.

(Ed.), Albrecht von Haller im Göttingen der Aufklärung (with Norbert Elsner). Göttingen: Wallstein Verlag, 2009, 453 pp.

(Ed.), Wissenswelten – Bildungswelten (with Norbert Elsner). Göttingen: Wallstein Verlag, 2009, 143 pp.

Articles, Book Chapters and Contributions to Encyclopedias

"Aspects of bed thickness in some Eocene turbidite sequences, Spanish Pyrenees", Journal of Geology, vol. 77, 1969, pp. 482-84

"Sedimentary evidence for the allochthonous origin of Stigmaria, Carboniferous, Nova Scotia", Bulletin of the Geological Society of America, vol. 80, 1969, pp. 2109-14.

"Continental drift before 1900", Nature, vol. 227, 1970, pp. 349-50

"Late Quaternary rates of abyssal mud deposition in the Western Mediterranean Sea" (with Daniel J. Stanley and R. Stuckenrath), Marine Geology, vol. 17, 1975, pp. M9-M16

"Deposition of fine-grained sediments in the abyssal environment of the Algéro-Balearic Basin, Western Mediterranean Sea", Sedimentology, vol. 22, 1975, pp. 95-109

"Sedimentology of very thick calcarenite-marlstone beds in a flysch succession, Southwestern Pyrenees", Sedimentology, vol. 23, 1976, pp. 43-65

"Large-scale slumping in a flysch basin, Southwestern Pyrenees", Journal of the Geological Society, London, vol. 132, 1976, pp. 121-30

"*Bathybius Haeckelii* and the psychology of scientific discovery", Studies in the History and Philosophy of Science, vol. 7, 1976, pp. 53-62

"Growth of an ancient deep-sea fan", Journal of Geology, vol. 85, 1978, pp. 725-44

"Deep clastic seas", in Harold G. Reading (ed.), Sedimentary Environments and Facies. Oxford, Blackwell and New York, Elsevier, 1978, pp. 372-415

"The study of fossils in the Romantic philosophy of history and nature", History of Science, vol. 21, 1983, pp. 389-413

"The apocalyptic denominator in English culture in the early nineteenth century", in Martin R. Pollock (ed.), Common Denominators in Art and Science. Aberdeen University Press, 1983, pp. 30-45

"Richard Owen's Hunterian lectures on comparative anatomy and physiology, 1837-55", Medical History, vol. 29, 1985, pp. 237-58

"Development of slaty cleavage in a mudstone unit from the Cantabrian Mountains, northern Spain", (with Richard J. Norris), Journal of Structural Geology, vol. 8, 1986, pp. 871-78

"Introduction", in Nicolaas A. Rupke (ed.), Vivisection in Historical Perspective. Wellcome Institute Series in the History of Medicine; London, Croom Helm, 1987; paperback reprint, Routledge, 1988, pp. 1-13

"Pro-vivisection in England in the early 1880s: arguments and motives", *ibid.*, pp. 188-213

"The road to Albertopolis: Richard Owen (1804-92) and the founding of the British Museum of Natural History", in Nicolaas A. Rupke (ed.), Science, Politics and the Public Good: Essays in Honour of Margaret Gowing. London, Macmillan, 1988, pp. 63-89

"Romanticism in the Netherlands", in Roy Porter and Mikulas Teich (eds), Romanticism in National Context. Cambridge University Press, 1988, pp. 191-216

"Caves, fossils and the history of the earth", in Andrew Cunningham and Nick Jardine (eds), Romanticism and the Sciences. Cambridge University Press, 1990, pp. 241-62

"Richard Owen and the Victorian museum movement", Journal and Proceedings, Royal Society of New South Wales, vol. 125, 1992, pp. 133-36

"Metonymies of empire: visual representations of prehistoric times, 1830-90", in Renato G. Mazzolini (ed.), Non-Verbal Communication in Science Prior to 1900. Florence, Olschki, 1993, pp. 513-28

"Richard Owen's vertebrate archetype", Isis, vol. 84, 1993, pp. 231-51

"A Second Look: C.C. Gillispie's Genesis and Geology", Isis, vol. 85, 1994, pp. 261-70. Reprinted as "Foreword" in C.C. Gillispie, Genesis and Geology. New edn, Cambridge, Mass., Harvard Univ. Press, 1996, pp. v-xxvi

"Richard Owen: Evolution ohne Darwin", in Eve-Marie Engels (ed.), Die Rezeption von Evolutionstheorien im 19. Jahrhundert. Suhrkamp Verlag, 1995, pp. 214-24

"Humboldtian medicine", Medical History, vol. 40, 1996, pp. 293-310

"Eurocentric ideology of continental drift", History of Science, vol. 34, 1996, pp. 251-72

"Introduction" in Alexander von Humboldt, Cosmos, vol. 1. New edn, Baltimore, Johns Hopkins Univ. Press, 1997, pp. vii-xxxv

"Oxford's scientific awakening and the role of geology", in Michael G. Brock and Mark C. Curthoys (eds), The History of the University of Oxford, vol. 6. Oxford, Clarendon Press, 1997, pp. 543-62

"Paradise and the notion of a world centre, from the physico-theologians to the Humboldtians", in Hans-Konrad Schmutz (ed.), Phantastische Lebensräume, Phantome und Phantasmen. Marburg, Basilikenpresse, 1997, pp. 77-88

"'The end of history' in the early picturing of geological time", History of Science, vol. 36, 1998, pp. 61-90

"Reflections on the place of medical history", in Gerhard H. Müller (ed.), Themen zur Geschichte der Biologie. Zum 60. Geburtstag von Professor Dr. Armin Geus. Philosophia Scientiae, Cahier spécial 2, 1998-99, pp. 181-98

"L'Homme est-il le parent du singe?", Les Cahiers de Science et Vie, no. 49, Febr. 1999, pp. 74-83

"Zu einer Taxonomie der Darwin-Literatur nach ideologischen Merkmalen", in Rainer Broemer, Uwe Hossfeld and Nicolaas Rupke (eds), Evolutionsbiologie von Darwin bis heute. Berlin, Verlag für Wissenschaft und Bildung, 1999, pp. 59-68

"A geography of enlightenment: the critical reception of Alexander von Humboldt's Mexico work", in David N. Livingstone and Charles W.J. Withers (eds), Geography and Enlightenment. Chicago Univ. Press, 1999, pp. 319-39

"Translation Studies in the history of science: the example of Vestiges", British Journal for the History of Science, vol. 33, 2000, pp. 209-22

"German nature philosophy", in Gary B. Ferngren (ed.), The History of Science and Religion in the Western Tradition: an Encyclopedia. New York and London, Garland, 2000, pp. 172-75

"Geology and palaeontology", ibid., pp. 401-413. Reprinted in Gary B. Ferngren (ed.), Science and Religion. A Historical Introduction. Baltimore, The Johns Hopkins Univ. Press, pp. 179-94

"Blumenbach, Johann Friedrich"; "Humboldt, Alexander von"; "Oken, Lorenz"; "Owen, Richard", in Encyclopedia of Life Sciences. London, Macmillan, 2000; www.els.net)

"Goethe und Alexander von Humboldt", in Elmar Mittler (ed.), "Goethe ist schon mehrere Tage hier, warum weiss Gott und Goethe". Vortraege zur Ausstellung "Der gute Kopf leuchtet überall hervor" – Goethe, Göttingen und die Wissenschaft. Göttinger Bibliotheksschriften, no. 13, Göttingen, Niedersächsische Staats- und Universitätsbibliothek, 2000, pp. 197-210

"Adolf Mühry (1810-1888): Göttingen's Humboldtian Medical Geographer", in Nicolaas A. Rupke (ed.), Medical Geography in Historical Perspective, Medical History, Supplement, no. 20, The Wellcome Trust Centre for the History of Medicine at UCL, London, 2000, pp. 86-97

"Humboldtian representations in medical cartography" (with Karen Wonders), ibid., pp. 163-75

"Continental drift", in Arne Hessenbruch (ed.), Reader's Guide to the History of Science. London, Fitzroy Dearborn, 2000, pp. 148-49; "Functionalism and Structuralism: biological sciences", ibid., pp. 271-72; "Humboldt, Alexander von", ibid., pp. 356-59

"Die kritische Rezeption des Mexico-Werks von Alexander von Humboldt", in Ottmar Ette, Ute Hermanns, Bernd M. Scherer and Christian Suckow (eds), Alexander von Humboldt. Aufbruch in die Moderne. Berlin, Akademie Verlag, 2001, pp. 265-73

"Richard Owen", in Ilse Jahn and Michael Schmitt (eds), Darwin & Co.. Eine Geschichte der Biologie in Portraits. München, C.H. Beck, 2001, pp. 245-59

"Humboldtian distribution maps: the spatial ordering of scientific knowledge", in Tore Frängsmyr (ed.), The Structure of Knowledge. Classifications of Science and Learning since the Renaissance. Berkeley, University of California, Office for History of Science and Technology, 2001, pp. 93-116

"Die Popularisierung Alexander von Humboldts in der europäischen Zeitschriftenliteratur bis zur deutschen Reichsgründung", in Gudrun Wolfschmidt (ed.), Popularisierung der Naturwissenschaften. Diepholz, Verlag für Geschichte der Naturwissenschaften und der Technik, 2002, pp. 222-37

"Owen, Richard", in W.J. Mander and Alan P.F. Sell (eds) The Dictionary of Nineteenth-Century British Philosophers, 2 vols. London, Thoemmes Press, 2002, vol. 2, pp. 886-89

"Das Göttinger Nobelpreiswunder aus wissenschaftshistorischer Sicht", in Elmar Mittler and Monique Zimon (eds), 100 Jahre Nobelpreis: Das Göttinger Nobelpreiswunder. Göttingen, Niedersächsische Staats- und Universitätsbibliothek, 2002, pp. 54-67

"The Göttingen location", in Nicolaas Rupke (ed.), Göttingen and the Development of the Natural Sciences. Göttingen, Wallstein Verlag, 2002, pp. 19-32

"Scientific portraiture: Göttingen professors in historical pictures" (with Karen Wonders), in ibid., pp.178-85

"Der Wissenschaftler als Nationalheld. Die deutsche Alexander von Humboldt-Biographik 1848-1871", in Ralph Jessen and Jakob Vogel (eds), Wissenschaft und Nation in der europäischen Geschichte. Frankfurt and New York, Campus, 2002, pp. 168-86

"Owen, Richard", in Mark Pagel (ed.), Encyclopedia of Evolution. New York, Oxford Univ. Press, 2002, pp. 850-51

"La morfologia trascendentale in Gran Bretagna", Storia della scienza, Rome: Istituto della Enciclopedia Italiana, vol. 7, 2003, pp. 672-675; "La paleontologia", ibid., 795-800

"La vista del Chimborazo. Alexander von Humboldt e lo studio globale delle montagne", in Gabriella Belli, Paola Giacomoni and Anna Ottani Cavina (eds), Montagna. Arte, scienza, mito da Dürer a Warhol. Milano: Skira, 2003, pp. 223-32

"Owen, Richard", in Bernie Lightman (ed.), Dictionary of Nineteenth-Century British Scientists. London: Thoemmes Press, 2004, vol. 3, pp.1514-18

"Das Göttinger Nobelpreiswunder, wissenschaftshistorisch betrachtet", in Elmar Mittler and Fritz Paul (eds), Das Göttinger Nobelpreiswunder: 100 Jahre Nobelpreis. Vortragsband. Göttingen, Niedersächsische Staats- und Universitätsbibliothek, 2004, pp. 37-52

"Humboldt, Alexander von", in Dieter Hoffmann et al. (eds), Lexikon der bedeutenden Naturwissenschaftler. Heidelberg: Spektrum Akademischer Verlag, vol. 2, 2004, pp. 244-51

"Una morte vivente: le vivisezione animale nella pittura dell'Ottocento", in Lea Vergine and Giorgio Verzotti (eds), Il Bello e le bestie, Milan: Skira, 2004, pp. 193-97

"Carl Friedrich Gauss und der Erdmagnetismus" in Glitsch, Silke and Rohlfing, Helmut (eds), "Wie der Blitz einschlägt, hat sich das Räthsel gelöst". Carl Friedrich Gauss in Göttingen. Göttingen: Niedersächsische Staats- und Universitätsbibliothek, 2005, pp. 188-201

"Die Editionen der Korrespondenz Alexander von Humboldts mit besonderer Berücksichtigung der Ausgabe der Varnhagen von Ense-Briefe", in Erika Krausse

(ed.), Der Brief als wissenschaftshistorische Quelle. Berlin, Verlag fuer Wissenschaft und Bildung, 2005, pp. 47-59

"Naturwissenschaftsarchitektur in der Historiographie der Naturwissenschaften" in Klaus Beuermann (ed.), Grundsätze über die Anlage neuer Sternwarten unter Beziehung auf die Sternwarte der Universität Göttingen, von Georg Heinrich Borheck. Göttingen: Universitätsverlag, 2005, pp. 27-30

"Eminent scientists and religious belief", in Charles L. Harper Jr (ed.), "Spiritual Information": 100 Perspectives on Science and Religion. Philadelphia/London: Templeton Foundation Press, 2005, pp. 79-83

"Alexander von Humboldt and revolution: a geography of reception of the Varnhagen von Ense correspondence", in David N. Livingstone and Charles W.J. Withers (eds), Geography and Revolution. Chicago Univ. Press, 2005, pp. 336-50

"Alexander von Humboldt-Biografik in der DDR", in Susan Splinter, et al. (eds), *Physica et historia. Festschrift für Andreas Kleinert zum 65. Geburtstag*, Acta Historica Leopoldina, no. 45, 2005, pp. 461-70

"Academies in flux", Goettingische Gelehrte Anzeigen, vol. 257, 2005, pp. 103-14

"Neither creation nor evolution: the third way in mid-nineteenth century thinking about the origin of species", Annals of the History and Theory of Biology, vol. 10, 2005, pp. 143-72

"Christianity and the sciences, 1815-1914", in Brian Stanley and Sheridan Gilley (eds), The Cambridge History of Christianity, vol. 8: World Christianities, c. 1815 - c. 1914. Cambridge University Press, 2006, pp. 164-80

"Der vielfache Humboldt/The many lives of Humboldt," Humboldt/Kosmos, vol. 87, 2006, pp. 34-39

"Harmonischer Koexistenz oder unvermeidlicher Konflikt? Religion und Wissenschaft aus wissenschaftsgeschichtlicher Sicht," Forschung und Lehre, vol. 13, 2006, pp. 624-25

"Introduction: telling lives in science and religion," in Nicolaas A. Rupke (ed.), Eminent Lives in Science and Religion. Frankfurt am Main [etc.]: Lang Verlag, 2007, pp. 13-45

"Richard Owen," in Noretta Koertge (ed.), New Dictionary of Scientific Biography. New York: Charles Scribner's Sons, 2007, vol.5, pp. 365-369.

“The origin of species from Linnaeus to Darwin,” in Marco Beretta, Karl Grandin and Svante Lindqvist (eds), Aurora Torealís: Studies in the History of Science and Ideas in Honor of Tore Frängsmyr. Sagamore Beach, MA: Science History Publications, 2008, pp. 73-87

“Owen, Richard (1804-1892),” in Michael Ruse and Joseph Travis (eds), Evolution. The First Four Billion Years. Cambridge, MA, and London: Belknap Press of Harvard University Press, 2009, pp. 795-98

“Myth 15: That the theory of organic evolution is based on circular reasoning,” in Ronald L. Numbers (ed.), Galileo Goes to Jail and Other Myths About Science and Religion. Cambridge, MA, and London: Harvard University Press, 2009, pp. 131-41

“Biologie ohne Darwin: Die historische Alternative zur Evolutionsorthodoxie,” in Norbert Elsner, Hans-Joachim Fritz, Stephan Robbert Gradstein and Joachim Reitner (eds), Evolution: Zufall und Zwangsläufigkeit der Schöpfung, Göttingen: Wallstein, 2009, pp. 45-70

"Nature as culture: the example of animal behavior and human morality," in James D. Proctor (ed.), Envisioning Nature, Science and Religion. West Conshohocken, PA: Templeton Press, 2009, 271-92

(with Norbert Elsner), "Warum Albrecht von Haller feiern?" in Norbert Elsner and Nicolaas A. Rupke (eds), Albrecht von Haller im Göttingen der Aufklärung. Göttingen: Wallstein Verlag, 2009, pp. 7-19

(with Norbert Elsner) "Wissenswelten – Bildungswelten," introduction to Norbert Elsner and Nicolaas A. Rupke (eds), Wissenswelten – Bildungswelten. Göttingen: Wallstein Verlag, 2009, pp. 7-12

"Diskurse über Schöpfung und Evolution, 1750-heute," in Otto Kraus (ed.), Evolutionstheorie und Kreationismus – ein Gegensatz. Stuttgart: Steiner, 2009, pp. 69-82

“Darwin’s choice: the contingency of the theory of evolution by natural selection,” in Denis Alexander and Ronald L. Numbers, eds, Biology and Ideology from Descartes to Dawkins. Chicago and London: University of Chicago Press, 2010, 139-64

"Alexander von Humboldt (1769-1859)". <http://www.litencyc.com/> (2010)

"Theorien zur Entstehung der Arten bis um 1860," in Philipp Sarasin and Marianne Sommer (eds), Evolution. Ein interdisziplinäres Handbuch. Stuttgart: Metzler, 2010, pp. 79-88

"...dieses kleine Fleckchen freier Erde': das frühe Göttingen als Freiraum für neues Denken". Georgia Augusta, vol. 7, 2010, pp. 4-11

"Putting the geography of science in its place," in David N. Livingstone and Charles W.J. Withers (eds), Geographies of Nineteenth-Century Science. Chicago and London: University of Chicago Press, 2011, pp. 439-454

(with Wolfgang Boeker) "The natural world through Blumenbach's eyes. Digitising the legacy of Göttingen's greatest collector", Georgia Augusta, vol. 8, 2011, pp. 84-90

"The Doomsday Discourse in the Earth & Planetary Sciences, 1750-Present", in Andrea Janku, Gerrit Schenk and Franz Mauelshagen (eds), Historical Disasters in Context: Science, Religion, and Politics, London: Routledge, 2012, pp. 115-39

"Humboldt, Alexander von," in eLS 2012. Chichester: Wiley <<http://www.els.net/>> [DOI: 10.1002/9780470015902.a0002431.pub2]

"Five discourses of Bible and science, 1750-200", in Jed Z. Buchwald (ed.), A Master of Science History. Essays in Honor of Charles Coulston Gillispie. Archimedes, vol. 30, 2012, pp.179-95

"Alexander von Humboldt and Monism", in Todd H. Weir (ed.), Monism. Science, Philosophy, Religion, and the History of a Worldview, New York: Palgrave Macmillan, 2012, pp. 71-90.

„Reclaiming science for creationism“, in Stefaan Blancke, Hans Henrik Hjermitsev and Peter C. Kjaergaard (eds), Creationism in Europe, Baltimore: Johns Hopkins University Press, 2014, pp. 242-49.

"The Bible and science, 1750-2000," in John Riches (ed.), The New Cambridge History of the Bible: Vol. 4, From 1750 to the Present. Cambridge: Cambridge Univ. Press, 2015, pp. 707-24

"[The myth] that Darwinian natural selection is 'the only game in town'", in Kostas Kampourakis and Ronald L. Numbers (eds), Newton's Apple and Other Historical Myths about Science. Cambridge, MA: Harvard University Press, 2015, pp. 103-11; 244-46

Various small entries contributed to

Ailsa Allaby and Michael Allaby (eds.), The Concise Oxford Dictionary of Earth Science. Oxford and New York: OUP, 1990

Roy Porter (ed.), Dizionario Biografico della Storia della Medicina e delle Scienze Naturali, vols 1-4, Milan: Ricci, 1985-89

John L. Heilbron (ed.), The Oxford Companion to the History of Modern Science. New York: Oxford University Press, 2003

Chris Murray (ed.), Encyclopedia of the Romantic Era 1760-1850. New York and London: Fitzroy Dearborn, 2004

Dieter Hoffmann et al. (eds.), Lexikon der bedeutenden Naturwissenschaftler. Heidelberg: Spektrum Akademischer Verlag, vol.3, 2014

Work in Press, Submitted and in Preparation

“Down to earth: untangling the secular from the sacred in late-modern geology”, in Peter Harrison and Jon Roberts (eds), Science without God: Religion, Naturalism and the Sciences, Chicago and London: The University of Chicago Press, submitted for publication

“Geology and paleontology”, in Gary B. Ferngren (ed.), Science & Religion: a Historical Introduction, revised edition, Baltimore and London: The Johns Hopkins University Press, submitted for publication

"International science from the French Revolution to the Franco-Prussian War", in Hugh Sloten (ed.), The Cambridge History of Science, vol. 8: Modern Science in National, Transnational, and Global Context, Cambridge: Cambridge University Press, in preparation

“Putting evolutionary theories in their place”, in Charles W.J. Withers and Robert J. Mayhew (eds), Geographies of Knowledge: Science, Scale and Spatiality in the Nineteenth Century, Johns Hopkins University Press, contract signed

“‘Huxley’s Rule’ and the origins of scientific racism”, in Gerhard Lauer and Nicolaas Rupke (eds), Johann Friedrich Blumenbach: Race and Natural History Around 1800, in preparation

Book Reviews Written for

American Historical Review

Archives Internationales d'histoire des sciences

Archives of Natural History

Berichte zur Wissenschaftsgeschichte

British Journal for the History of Science

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Medical History

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Progress in Human Geography

Science

Sedimentology

Terra Nova

Times Higher Education Supplement

Reviews of Rupke's 3 main monographs

The Great Chain of History: William Buckland and the English School of Geology, 1814-1849. Oxford, Clarendon Press, 1983; 334 pp.

Review essays

ANNALS OF SCIENCE, vol. 41, 194, pp. 383-93 (David Oldroyd); JOURNAL OF THE HISTORY OF BIOLOGY, vol. 18, 1985, pp. 433-438 (Roy Porter); LONDON REVIEW OF BOOKS, 1-21 Dec. 1983, pp. 22-24 (John Hedley Brooke)

Reviews

ANNALI DELL'ISTITUTO E MUSEO DI STORIA DELLE SCIENZE DI FIRENZE, vol. 9, 1984, pp. 131-35 (Nicoletta Morello); ARCHIVES INTERNATIONALES D'HISTOIRE DES SCIENCE, vol. 34, 1985, pp. 283-84 (Roy Porter); AMERICAN HISTORICAL REVIEW, vol. 90, 1985, pp. 134-35 (Joe D. Burchfield); CHOICE, vol. 22, 1984, p. 298 (P.P. Chandler); EARTH SCIENCES HISTORY, vol. 3, 1984, pp. 86-89; ENGLISH HISTORICAL REVIEW, vol. 101, 1986, p. 526 (Roy Porter); GEOGRAPHICAL JOURNAL, vol. 151, 1985, p. 280

(P.J.T.B.); GEOGRAPHICAL MAGAZINE, vol. 121, 1984, pp. 388-389 (Anthony Hallam); GEOLOGY, Oct. 1984, pp. 640 (Peter Bretsky); GEOSCIENCE CANADA, vol. 12, 1985, pp. 77-79 (W.A.S. Sarjeant); ISIS, vol. 76, 1985, pp. 106-08 (Kenneth L. Taylor); LYCHNOS, 1985, pp. 278-79 (Tore Frängsmyr); MEDICAL HISTORY, vol. 28, 1984, pp. 343-44 (J.A. Secord); MODERN HISTORY, vol. 57, 1985, pp. 554-55 (T.W. Heyck); NATURE, vol. 306, 1983, p. 813 (Roy Porter); NATURWISSENSCHAFTLICHE RUNDSCHAU, vol. 39, 1986, pp. 139-140 (Wolf von Engelhard); NEW SCIENTIST, 23 Febr. 1984, p. 51 (Robert Muir Wood); NIEUWSBRIEF, Koninklijk Nederlands Geologisch en Mijnbouwkundig Genootschap, May 1984, pp. 9-10 (G.J. Boekschoten); PALAEOONTOLOGICAL ASSOCIATION CIRCULAR, no. 115, 1984, p. 25 (Gordon Chancellor); SCIENCE, 27 July 1984, pp. 405-06 (L.E. Page); TIMES HIGHER EDUCATION SUPPLEMENT, 30 Dec. 1983, p. 10 (J.A. Secord); TIMES LITERARY SUPPLEMENT, 3. Febr. 1984, p. 106 (J.B. Morrell); VICTORIAN STUDIES, Spring 1985, pp. 559-60 (Janet Browne)

"Rupke has written an excellent book, offering a novel way to write the history of geology ... by examining a major figure in detail, and using this figure as a key to the understanding of the period in question, both in its intellectual and its social aspects." – ANNALS OF SCIENCE

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"Rupke has made an important contribution to understanding the mutual influences of science and society. His treatment of the controversy with the biblical literalists is especially enlightening." - CHOICE

Richard Owen. London and New Haven, Yale University Press, 1994, 462 pp. / Chicago and London: Chicago University Press, 2009, 356 pp.

Review symposium

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Owen's science ... This is carefully documented, exciting, and convincing history." – *METASCIENCE* (1995)

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[HiN. ALEXANDER VON HUMBOLDT IM NETZ](#), vol. 7(12), 2006; *HUMBOLDT Kosmos*, no. 87, July 2006, pp. 34-9; *HISTORY AND THEORY*, no. 46, Febr. 2007, pp. 95-96; *PROGRESS IN HUMAN GEOGRAPHY*, vol. 31, 2007, esp. p. 69 (Charles W.J. Withers); *REVISTA DE HISTÓRIA E ESTUDOS CULTURAIS*, VOL. 4, 2007, esp. pp. 13-14 (Silvia F. de M. Figueirôa); *HISTORICAL STUDIES IN THE NATURAL SCIENCES*, vol. 40, no. 1, 2010, pp. 136-147 (Denise Phillips)

"Rupke is right to draw attention to the fact that shifting biographical traditions make one person have many lives, and his metabiography helps us to appreciate the historical instability of any scientific life, not just one as complex as Humboldt's. . . . Rupke has given us a Humboldt just right for our own less certain and more self-conscious times – fractured, multiple and unstable." – *NATURE*
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