

November 2023

CURRICULUM VITAE

Kenneth L. Taylor

Professor Emeritus of the History of Science
C. B. Hudson / Torchmark Presidential Professor Emeritus
(Retired June 2006)

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EDUCATION:

A.B. (*Magna cum laude*), Harvard College, 1962 (History and Science)
A.M., Harvard University, 1965 (History of Science)
Ph.D., Harvard University, 1968 (History of Science)

PROFESSIONAL EXPERIENCE:

University of Oklahoma, Department of the History of Science
Assistant Professor, 1967–72; Associate Professor, 1972–86; Professor, 1986–2006
Department Chair, 1979–92; Acting / Interim Chair, fall 1978, spring 1999
Rockefeller Foundation Postdoctoral Fellowship Program in the Humanities, 1987–
1993, co-director with Professors Mary Jo Nye, Steven J. Livesey
OU Humanities Center Fellow, fall 1995
Centre Alexandre Koyré, Paris: Postdoctoral Fellow (C.N.R.S./N.S.F.), 1973–74
École des Hautes Études en Sciences Sociales, Paris: Directeur d'Études Associé, 2001
New Dictionary of Scientific Biography: Consulting Editor, 2005–2007

ACADEMIC AND PROFESSIONAL HONORS, AWARDS AND OFFICES (selected):

University of Oklahoma:
Glenn C. Couch Scholars' Award for Excellence in Undergraduate Teaching, 1969
Regents' Award, Superior Accomplishment in Professional and University Service,
1994
U.S. National Committee on the History of Geology (under National Research Council):
Secretary, 1985–90; Chair, 1990–93
History of Science Society: Council 1979–81; Dibner Visiting Historian of Science, 1990–91
History of the Earth Sciences Society: Treasurer, 1985–91; President, 1997–98
Geological Society of America: Penrose Conference Co-convenor, 1994; Fellow (1997);
History of Geology Division, Chair, 1998–99; Mary C. Rabbitt History of Geology
Award, 2007
Geological Society of London: Sue Tyler Friedman Medal, 1998
Société Géologique de France: Prix Eugène Wegmann, 2018
International Commission on the History of Geological Sciences (INHIGEO): Vice President

for North America, 2004–2008; President, 2012–2016; Board member as Past-President, 2016–2020; Honorary Senior Member, 2021

Harvard University: Frederick Sheldon Graduate Fellowship (for doctoral dissertation research in France, 1965–66)

TEACHING:

Faculty Member, University of Oklahoma, 1967–2006:

Primary appointment in History of Science, College of Arts and Sciences
Appointments also in the Graduate College, the College of Liberal Studies,
and International and Area Studies

Undergraduate courses: History of Science from Antiquity to the 17th century; History of Science since the 17th century; Origins and Development of Modern Science; Ancient Science; Renaissance and Early Modern Science; Science in the eighteenth century; Science in Social Context; Lives in Science: History of Science through Biography; Interdisciplinary Honors Colloquia (co-instruction with faculty in other departments—Botany, Geology, English)

Graduate courses: Renaissance and Early Modern Science; Eighteenth-Century Science; seminars on various topics in early modern and modern science, earth sciences and natural history; historiography; research methods

Doctoral dissertations supervised / co-supervised: 11 completed

Marilyn B. Ogilvie, 1973: *Robert Chambers and the Successive Revisions of the Vestiges of the Natural History of Creation*

John G. Taylor, Jr., 1975: *Eighteenth-Century Earthquake Theories: A Case-History Investigation into the Character of the Study of the Earth in the Enlightenment*

John H. Eddy, Jr., 1977: *Buffon, Organic Change, and the Races of Man*

Martha Ellen Webb, 1980: *A Reexamination of the Inception, Development, and 'Newtonianism' of David Hartley's Observations on Man*

Ramez B. Maluf, 1985: *Jean Antoine Nollet and Experimental Natural Philosophy in Eighteenth Century France*

Kuang-tai Hsu (co-chair with S. J. Livesey), 1992: *Nicolaus Steno and His Sources: The Legacy of the Medical and Chemical Traditions in His Early Geological Writings*

Kiyoong Kim, 1995: *Jean Senebier and the Genevan Naturalists*

Patrick S. Cross, 1996: *The Organization of Science in Dublin from 1785 to 1835: The Men and Their Institutions*

JoAnn Palmeri (co-chair with Gregg Mitman), 2000: *An Astronomer Beyond the Observatory: Harlow Shapley as Prophet of Science*

Kerry V. Magruder, 2000: *Theories of the Earth from Descartes to Cuvier: Natural Order and Historical Contingency in a Contested Textual Tradition*

Mark A. Eddy (co-chair with Marilyn B. Ogilvie), 2004: *Architects of the Self: Social Scientists and the Construction of the Individual in Postwar America*

Member of other doctoral dissertation committees (completed):

14 in History of Science; 6 in other fields (History, Geology, English, Chemistry)

Masters theses supervised: 5 completed

College of Liberal Studies: Interdisciplinary seminars, co-director in collaboration with various faculty members in Anthropology, Art, Art History, Botany, Chemistry, Classics, English, Geography, Geology & Geophysics, History, Microbiology, Physics and Astronomy, Political Science, Sociology

Oklahoma Scholar-Leadership Enrichment Program: faculty resource person (on-campus co-director), for short-course seminars by visiting scholars: sociobiology, geodynamics

Oklahoma Summer Scholars Program (high school students), historical ‘bridging curriculum,’ 1989–99

PUBLICATIONS:

Book

The Earth Sciences in the Enlightenment: Studies on the Early Development of Geology. Variorum Collected Studies Series. Ashgate Publishing, Aldershot, UK, and Burlington, VT, USA, 2008.

Edited book

Studies on Eighteenth-Century Geology. By Rhoda Rappaport. Edited with an introduction by Kenneth L. Taylor and Martin J. S. Rudwick. Variorum Collected Studies Series. CS 986, Ashgate Publishing, 2011.

Journal articles, book chapters, articles in proceedings & exhibition volumes

"Nicolas Desmarest and Geology in the Eighteenth Century," in *Toward a History of Geology*, ed. by Cecil J. Schneer, M.I.T. Press, 1969, pp. 339–356

"The Geology of Déodat de Dolomieu," XII^e Congrès International d'Histoire des Sciences, *Actes*, VII (Paris: Albert Blanchard, 1971), pp. 49–53

- "Natural Law in Eighteenth-Century Geology: The Case of Louis Bourguet," XIIIth International Congress of the History of Science, *Proceedings*, VIII (Moscow: Editions "Naouka," 1974), pp. 72–80
- "Two Centuries of Chemistry," in *Issues and Ideas in America*, ed. by Benjamin J. Taylor and Thurman J. White, Univ. of Oklahoma Press, 1976, pp. 167–184
- "Geology in 1776: Some Notes on the Character of an Incipient Science," in *Two Hundred Years of Geology in America*, ed. by Cecil J. Schneer, The University Press of New England, 1979, pp. 75–90
- "The Beginnings of a French Geological Identity," *Histoire et Nature*, No. 19–20 (1981–82), pp. 65–82
- "Bibliographie sommaire sur le développement de la géologie de langue française jusqu'en 1832," *Histoire et Nature*, No. 19–20 (1981–82), pp. 141–147 (with François Ellenberger and Gabriel Gohau)
- "Early Geoscience Mapping, 1700–1830," *Proceedings of the Geoscience Information Society*, XV (1985), pp. 15–49
- "Les Lois naturelles dans la géologie du XVIII^{ème} siècle: Recherches préliminaires," *Travaux du Comité Français d'Histoire de la Géologie*, 3^{ème} série, t. II (1988), no. 1, pp. 1–28
- "American Geological Investigations and the French, 1750–1850," *Earth Sciences History*, 9 (1990), pp. 118–125
- "The *Époques de la Nature* and Geology During Buffon's Later Years," in *Buffon 88: Actes du Colloque international pour le bicentenaire de la mort de Buffon*, ed. by Jean Gayon (Paris: Librairie Philosophique J. Vrin, 1992), pp. 371–385
- "The Historical Rehabilitation of Theories of the Earth," *The Compass*, 69 (1992), pp. 334–345 [special issue on the history of geology]
- "New Light on Geological Mapping in Auvergne in the Eighteenth Century: The Pasumot-Desmarest Collaboration," *Revue d'Histoire des Sciences*, 47 (1994), pp. 129–136
- "Nicolas Desmarest and Italian Geology," in *Rocks, Fossils and History*, ed. by Gaetano Giglia, Carlo Maccagni, and Nicoletta Morello (Proceedings of the 13th Symposium of INHIGEO [International Commission on the History of Geological Sciences], Pisa – Padua, 1987), Florence, Italy, Edizioni Festina Lente, 1995, pp. 95–109
- "La Genèse d'un naturaliste: Desmarest, la lecture et la nature," in *De la Géologie à son Histoire*, ouvrage édité en hommage à François Ellenberger, sous la direction de Gabriel Gohau (Paris: Comité des Travaux Historiques et Scientifiques, 1997), pp. 61–74
- "Volcanoes as Accidents: How 'Natural' Were Volcanoes to 18th-Century Naturalists?," In *Volcanoes and History*, ed. by Nicoletta Morello (Proceedings of the XXth INHIGEO Symposium), Genoa, Brigati, 1998, pp. 595–618
- "Earth and Heaven, 1750–1800: Enlightenment Ideas about the Relevance to Geology of

- Extraterrestrial Operations and Events," *Earth Sciences History*, 17 (1998), pp. 84–91
- "La volcanologie au XVIII^e siècle," *Pour la science* [French version of *Scientific American*], no. 286, August 2001, pp. 8–10
- "Buffon, Desmarest, and the Ordering of Geological Events in *Époques*," in *The Age of the Earth: from 4004 BC to AD 2002*, ed. by C. L. E. Lewis and S. J. Knell, Geological Society of London Special Publication 190, 2001, pp. 39–49.
- "The Beginnings of a Geological Naturalist: Desmarest, the Printed Word, and Nature," *Earth Sciences History*, 20 (2001), pp. 44–61 [English version of "La Genèse d'un naturaliste," 1997]
- "Two Ways of Imagining the Earth at the Close of the 18th Century: Descriptive and Theoretical Traditions in Early Geology," in *Abraham Gottlob Werner and the Foundation of the Geological Sciences: Selected Papers of the International Werner Symposium in Freiberg 19th to 24th September 1999*. Edited by Helmuth Albrecht and Roland Ladwig. Freiberg, Technische Universität Bergakademie Freiberg, 2002. *Freiberger Forschungshefte*, vol. D207, pp. 369–378 [Second edition, 2003: pp. 426–435]
- "Un commentaire anonyme inédit sur les observations et les idées de William Hamilton (1730–1803) relatives aux phénomènes volcaniques de la région de Naples," *Travaux du Comité Français d'Histoire de la Géologie*, 3^{ème} série, t. 15, 2001, pp. 1–35
- "Marivetz, Goussier, and Planet Earth: A Late Enlightenment Geo-Physical Project." *Centaurus*, 48 (2006), pp. 258–283
- "Geological Travellers in Auvergne, 1751–1800," in *Four Centuries of Geological Travel*, edited by Patrick Wyse Jackson (London: Geological Society), Geological Society of London Special Publication 287, 2007, pp. 73–96
- "Desmarest's 'Determination of some epochs of nature through volcanic products' (1775/1779)" [translation with historical analysis and commentary]. *Episodes: Journal of International Geoscience* [International Union of Geological Sciences], in series 'Classic Papers in the History of Geology,' 32 (2009), pp. 114–124
- "A Peculiarly Personal Encyclopedia: What Desmarest's *Géographie-Physique* Tells Us about His Life and Work." *Earth Sciences History*, 32 (2013), pp. 39–54.
- "Un savant aubois méconnu: Nicolas Desmarest (1725–1815)." For exposition at Troyes, France: 1805, *autour de la visite de Napoléon 1^{er} à Troyes*, 2014, pp. 10–12. Maison du Patrimoine du Grand Troyes. (Translation by Jean Gaudant.)
- "Historians of Geology in the Field: A Half-Century of INHIGEO Excursions." In *History of Geoscience: Celebrating 50 Years of INHIGEO*, edited by Wolf Mayer *et al.* Geological Society of London Special Publication 442, 2017, pp. 41–54 (online publication July 2016). With Mike R. Johnston.

“Before Volcanoes Became Ordinary.” In *History of Geoscience: Celebrating 50 Years of INHIGEO*, edited by Wolf Mayer *et al.* Geological Society of London Special Publication 442, 2017, pp. 117–126 (online publication December 2016).

Articles in reference works

- "Louis Cotte," *Dictionary of Scientific Biography*, III (New York: Charles Scribner's Sons, 1971), pp. 435–436
- "Alfred-Louis-Olivier Legrand Des Cloizeaux," *Dictionary of Scientific Biography*, IV (New York: Charles Scribner's Sons, 1971), pp. 65–67
- "Nicolas Desmarest," *Dictionary of Scientific Biography*, IV (New York: Charles Scribner's Sons, 1971), pp. 70–73
- "Dieudonné (Déodat) de Gratet de Dolomieu," *Dictionary of Scientific Biography*, IV (New York: Charles Scribner's Sons, 1971), pp. 149–153
- "Louis-Isidore Duperrey," *Dictionary of Scientific Biography*, IV (New York: Charles Scribner's Sons, 1971), pp. 156–157
- "Jean-Claude de Lamétherie," *Dictionary of Scientific Biography*, VII (New York: Charles Scribner's Sons, 1973), pp. 602–604
- "Louis-Albert Necker de Saussure," *Dictionary of Scientific Biography*, X (New York: Charles Scribner's Sons, 1974), pp. 8–9
- "Gabriel Delafosse," *Dictionary of Scientific Biography*, XV (New York: Charles Scribner's Sons, 1978), pp. 114–115
- "Earth, Theories of the," in *Europe 1450 to 1789: Encyclopedia of the Early Modern World* [second author, jointly with Kerry V. Magruder]. Ed. by Jonathan Dewald. Charles Scribner's Sons, publishers, 2004. Vol. 2, pp. 222–226
- "Geology," in *Europe 1450 to 1789: Encyclopedia of the Early Modern World* [first author, jointly with Kerry V. Magruder]. Ed. by Jonathan Dewald. Charles Scribner's Sons, publishers, 2004. Vol. 3, 39–42

Poster published online:

"Names on the Range: Scientists and Science in the Naming of Sierra Nevada Features," poster presented at 39th INHIGEO Symposium, Asilomar Conference Grounds, Pacific Grove, California, July 2014. Accessible at <http://cas.ou.edu/kenneth-l-taylor>

Translations

- "Desmarest's 'Determination of some epochs of nature through volcanic products' (1775/1779)," *Episodes*, 2009 [see above under Journal articles]
- "Géographie physique," by Nicolas Desmarest, in *Encyclopédie. ou Dictionnaire raisonné des sciences, des arts & des métiers*, by Diderot and d'Alembert, vol. 7 (1757), pp. 613–626. For The Encyclopedia of Diderot & d'Alembert Collaborative Translation Project. Published 2020.

<https://quod.lib.umich.edu/d/did/did2222.0003.593/--physical-geography?rgn=main;view=fulltext;q1=Nicolas+Desmarest>

“Natural History — Mineralogy — Sixth Collection,” including “Basalte d’Auvergne,” by Nicolas Desmarest, in *Encyclopédie. ou Dictionnaire raisonné des sciences, des arts & des métiers*, by Diderot and d’Alembert, *Recueil de Planches*, vol. 6 (1768). [Not paginated.] Translation with notes and commentary. For The Encyclopedia of Diderot & d’Alembert Collaborative Translation Project. Published 2020.

<https://quod.lib.umich.edu/d/did/did2222.0001.527/--natural-history-mineral-kingdom-6-sixth-collection?rgn=main;view=fulltext;q1=Nicolas+Desmarest>

“Fontaine,” by Nicolas Desmarest, in *Encyclopédie. ou Dictionnaire raisonné des sciences, des arts & des métiers*, by Diderot and d’Alembert, vol. 7 (1757), pp. 81–101. For The Encyclopedia of Diderot & d’Alembert Collaborative Translation Project. Work in progress.

Essay reviews

“Sur les origines minéralogiques de la géologie: Une nouvelle analyse, par Rachel Laudan (1987), des fondements de la science géologique,” *Travaux du Comité Français d'Histoire de la Géologie*, 3^{ème} série, t. II (1988), no. 4, pp. 61–65

“Practical Men and Papyrophobia.” Essay review of *The Practice of British Geology, 1750-1850*, by Hugh Torrens. Aldershot, Hampshire, and Burlington, Vermont, Ashgate, 2002. In *Metascience*, 2003, 12(3): 438-442. (Reissued, 2004, 13(2): 259–263).

“The Establishment of Geohistory.” Essay review of *Worlds Before Adam: The Reconstruction of Geohistory in the Age of Reform*, by Martin J. S. Rudwick. University of Chicago Press, 2008. In *Isis* 2009, 100: 872–880

“Telliamed in its time.” Survey review of *Science, Libertinage et Clandestinité à l’aube des Lumières: Le transformisme de Telliamed*, by Claudine Cohen (Presses Universitaires de France, 2011); and *Telliamed*, issue 59 of *Corpus, revue de philosophie*, ed. Francine Markovits (l’Association pour la revue Corpus 2011). In *Metascience*, 2012, 21(3): 561–567

Éloges, obituary articles

“Eloge: Thomas Malcolm Smith, Jr., 1921–2005,” in *Isis*, 2005, vol. 96, no. 4, pp. 612–614.

“Eloge: Rhoda Rappaport, 1935–2009,” in *Isis*, 2010, vol. 101, pp. 833–837. Co-authored with Alice Stroup.

“David B. Kitts, Metageologist, 1923–2010,” in *Earth Sciences History*, 2011, vol. 30, no. 1, pp 172–175.

- “Alexander Meier Ospovat, Historian of Geology (1923–2010),” in *INHIGEO Newsletter* no. 43 for 2010 (published May 2011), pp. 36–38; also a slightly different version in *Earth Sciences History*, 2011, vol. 30, no. 2, pp. 287–290
- “An INHIGEO Salute to Martin Guntau.” Written for *Geohistorische Blätter*. Published in *INHIGEO Annual Record*, no. 46 (2013) [published 2014], pp. 48–49.
- “Albert V. Carozzi (1925–2014),” *Earth Sciences History*, 2015, vol. 34, no. 1, pp. 155–157. Co-authored with Kennard B. Bork. [Also in *INHIGEO Annual Record*, no. 47 for 2014 (publication in 2015), pp. 44–46.]
- “Remembering Gordon Y. Craig,” in *INHIGEO Annual Record*, no. 47 for 2014 (publication in 2015), pp. 42–43.
- “Remembering Jean Gaudant,” in *INHIGEO Annual Record*, no. 48 for 2015 (publication in 2016), pp. 31–32.
- “Charles Coulston Gillispie (1918–2015): A Tribute,” in *INHIGEO Annual Record*, no. 48 for 2015 (publication in 2016), pp. 32–33.
- “Cecil J. Schneer,” Geological Society of America, *Newsletter*, History & Philosophy of Geology Division, April 2017, p. 12.
- “Cecil J. Schneer (1923–2017),” in *Earth Sciences History*, 2018, vol. 37, no. 1, pp. 213–216. Also in *INHIGEO Annual Record*, no. 50 for 2017 (publication in 2018), pp. 52–56.
- “Ursula B. Marvin (1921–2018), Planetary Geologist and Historian of Geology,” in *Earth Sciences History*, 2018, vol. 37, no. 2, pp. 444–449. Also in *INHIGEO Annual Record*, no. 51 for 2018 (publication in 2019), pp. 48–52.

REVIEWS (other than essay reviews—see above):

- "A Life in Science and Politics." Review of *Raspail: Scientist and Reformer*, by Dora B. Weiner. New York, Columbia University Press, 1968. In *Science*, 1969, 163: 920–921.
- "Theory and Geology." Review of *The Earth in Decay: A History of British Geomorphology, 1578–1878*, by Gordon L. Davies. New York, Elsevier, 1969. In *Science*, 1971, 171: 161–162.
- "History Through Bibliography." Review of *Natural Science Books in English, 1600–1900*, by David M. Knight. New York, Praeger, 1972. In *Science*, 1973, 180: 625–626.
- Review of *Buffon*, by Otis E. Fellows and Stephen F. Milliken. New York, Twayne, 1972. In *French Review*, 1974, 47: 1186–1187.
- Review (in French) of *The Earth in Decay: A History of British Geomorphology, 1578–1878*, by Gordon L. Davies. London, Macdonald, 1969. In *Revue d'histoire des sciences*, 1974, 27: 185–188.

- Review of *Lake Superior*, by Louis Agassiz, reprint of original 1850 edition, with new introduction by Albert V. Carozzi. Huntington, NY, Robert E. Krieger, 1974. In *Quarterly Review of Biology*, 1975, 50: 434.
- Review (in French) of *James Hutton, the Founder of Modern Geology*, by Edward Battersby Bailey. New York, Amsterdam, London, Elsevier, 1967. In *Revue d'histoire des sciences*, 1975, 28: 96.
- Review of *Lord Kelvin and the Age of the Earth*, by Joe D. Burchfield. New York, Science History Publications, 1975. In *American Scientist*, 1976, 64: 229.
- Review of *Sedimentary Rocks: Concepts and History*, edited by Albert V. Carozzi. Benchmark Papers in Geology, vol. 15. Stroudsburg, PA, Dowden, Hutchinson and Ross, 1975. In *Isis*, 1977, 68: 125.
- "Early Geology Reexamined." Review of *The Making of Geology: Earth Science in Britain, 1660–1815*, by Roy Porter. New York, Cambridge University Press, 1977. In *Science*, 1978, 199: 166–167.
- Review of *À l'aube de la géologie moderne: Henri Gautier (1660–1737)*, by François Ellenberger. *Histoire et nature*, nos. 7 (1975) and 9–10 (1976–77), Paris, Bibliothèque Centrale du Muséum National d'Histoire Naturelle. In *Isis*, 1979, 70: 619.
- Review of *Four Hitherto Unpublished Geological Lectures Given by Sir Humphry Davy in 1805*, with introduction and notes by Alexander M. Ospovat. *Transactions of the Royal Geological Society of Cornwall*, Penzance, 1978, vol. 21, pt. 1. And *Humphry Davy on Geology: The 1805 Lectures for the General Audience*, edited by Robert Siegfried and Robert H. Dott, Jr. Madison, London, University of Wisconsin Press, 1980. In *Isis*, 1981, 72: 303–304.
- Review of *The Earth Generated and Anatomized: An Early Eighteenth Century Theory of the Earth*, by William Hobbs, edited by Roy Porter. Ithaca, Cornell University Press, 1981, and *Bulletin of the British Museum (Natural History), Historical Series*, no. 81. In *Isis*, 1982, 73: 313–314.
- Review of *Voltaire's Attitude toward Geology*, by Marguerite Carozzi. *Archives des sciences*, vol. 36, pt. 1, Société de Physique et d'Histoire Naturelle de Genève, 1983. In *Isis*, 1983, 74: 614.
- Review of *Geology in the Nineteenth Century: Changing Views of a Changing World*, by Mott T. Greene. Ithaca, London, Cornell University Press, 1982. In *4S Review: Journal of the Society for Social Studies of Science*, 1983, 1 (4): 11–13.
- Review of *The Ferment of Knowledge: Studies in the Historiography of Eighteenth-Century Science*, edited by G. S. Rousseau and Roy Porter. New York, Cambridge University Press, 1980. In *The Eighteenth Century: A Current Bibliography*, 1980, 1984, 6 (new series), pt. III: 230–232.
- Review of *The Great Chain of History: William Buckland and the English School of Geology (1814–1849)*, by Nicolaas A. Rupke. Oxford, London, Glasgow, Oxford University Press, 1983. In *Isis*, 1985, 76: 106–108.

- Review of *Time's Arrow, Time's Cycle: Myth and Metaphor in the Discovery of Geological Time*, by Stephen Jay Gould. Cambridge, MA, London, Harvard University Press, 1987. In *Isis*, 1987, 78: 608–609.
- Review of *Histoire de la géologie*, by Gabriel Gohau. Paris, Editions La Découverte, 1987. In *Isis*, 1988, 79: 329–330.
- Review of *Histoire de la géologie, tome 1: Des anciens à la première moitié du XVIII^e siècle*, by François Ellenberger. Paris, Technique et Documentation, Lavoisier, 1988. In *Earth Sciences History*, 1989, 8: 90.
- Review of *La mutation de l'enseignement scientifique en France (1750–1810) et le rôle des écoles centrales: L'exemple de Nantes*, by Pierre Lamandé. Nantes, Centre d'Histoire des Sciences et des Techniques, 1988–89. In *Isis*, 1991, 82: 570.
- Review of *Histoire des sciences de la terre entre 1790 et 1815 vue à travers les documents inédits de la Société de Physique et d'Histoire Naturelle de Genève. Trois grands protagonistes: Marc-Auguste Pictet, Guillaume-Antoine Deluc et Jean Tollot*, by Albert V. Carozzi. Mémoires de la Société de Physique et d'Histoire Naturelle, 1990. And *Les sciences de la terre aux XVIII^e et XVIII^e siècles: Naissance de la géologie*, by Gabriel Gohau. Paris, Albin Michel, 1990. In *Isis*, 1992, 83: 497–499.
- Review of *Pallas' Theory of the Earth in German (1778): Translation and Reevaluation; Reaction by a Contemporary: H.-B. de Saussure*, by Albert V. Carozzi and Marguerite Carozzi. *Archives des Sciences*, vol. 44, pt. 1, Société de Physique et d'Histoire Naturelle de Genève, 1991. In *Isis*, 1993, 84: 152–153.
- Review of *Scenes from Deep Time: Early Pictorial Representations of the Prehistoric World*, by Martin J.S. Rudwick. Chicago, University of Chicago Press, 1992. In *INHIGEO Newsletter* (International Commission on the History of Geological Sciences), 1993, no. 25, pp. 37–38.
- Review of *The Scientific Library of Horace-Bénédict de Saussure (1797): Annotated Catalog of an 18th-Century Bibliographic and Historic Treasure*, by Albert V. Carozzi and Gerda Bouvier. *Mémoires de la Société de Physique et d'Histoire Naturelle de Genève*, vol. 46, 1994. In *Earth Sciences History*, 1995, 14: 110–111.
- "A Naturalist of Note." Review of *Buffon: A Life in Natural History*, by Jacques Roger. Translated by Sarah Lucille Bonnefoi, edited by L. Pearce Williams. Ithaca and London, Cornell University Press, 1997. In *Science*, 1997, 278: 1409–10.
- Review of *North from the Hook: 150 Years of the Geological Survey of Ireland*, by Gordon L. Herries Davies. Dublin, Geological Survey of Ireland, 1995. In *Isis*, 1997, 88: 548–549.
- Review of *Thinking About the Earth: A History of Ideas in Geology*, by David Oldroyd. London: Athlone, 1996. In *Annals of Science*, 1998, 55: 327–8.
- Review of *The Quantifying Spirit in the Eighteenth Century*, edited by Tore Frängsmyr, J.L. Heilbron, and Robin E. Rider. Berkeley, Los Angeles, Oxford, University of

- California Press, 1990. For *The Eighteenth Century: A Critical Bibliography*, for 1990.
- Review of *Cultures of Natural History*, edited by N. Jardine, J.A. Secord, and E.C. Spary, Cambridge University Press, 1996. In *Earth Sciences History*, 1999, 18: 111–113.
- Review of *Sciences of the Earth: An Encyclopedia of Events, People, and Phenomena*, edited by Gregory A. Good (Garland Encyclopedias in the History of Science, vol. 3), 2 vols. New York & London, Garland Publishing, 1998. In *Isis*, 2000, 91: 842–843.
- Review of Buffon's *Des Époques de la Nature*, edited with introduction and notes by Gabriel Gohau. Paris, Diderot, 1998. In *INHIGEO Newsletter* (International Commission on the History of Geological Sciences), no. 33 for 2000 (issued 2001), p. 48.
- Review of *Ages in Chaos: James Hutton and the Discovery of Deep Time*, by Stephen Baxter. New York, Forge, 2004. In *The Historian*, vol. 68 (2006), pp. 655–656.
- “Dolomieu and the Geology of His Time.” Review of *Dolomieu et la géologie de son temps*, ed. by Jean Gaudant. Paris, École des mines, 2005. In *INHIGEO Newsletter* (International Commission on the History of Geological Sciences), no. 38 for 2005 (issued 2006), pp. 47–48.
- Review of *Lyell and Darwin, Geologists: Studies in the Earth Sciences in the Age of Reform*, by Martin J.S. Rudwick. Aldershot, UK, and Burlington, VT, Ashgate, 2005 (Variorum Collected Studies Series, no. 818). In *Annals of Science*, vol. 63 (2006), pp. 510–512.
- Review of *Les tremblements de terre aux XVIIe et XVIIIe siècles: La naissance d'un risque*, by Grégory Quenet. Seyssel, Champ Vallon, 2005. In *Isis*, 2009, 100: 164–165.
- “Translation into French of two short works by Johann Jakob Scheuchzer.” Review of *Les Fossiles Témoins du Déluge*, transl. by Geneviève Bouillet, ed. with commentary by Jean Gaudant. Paris, Presses de l'École des Mines, 2008. In *INHIGEO Newsletter* (International Commission on the History of Geological Sciences), no. 41 for 2008 (issued 2009), pp. 57–58.
- “A Natural History of Time.” Review of *A Natural History of Time*, by Pascal Richet. Translated by John Venerella. Chicago, University of Chicago Press, 2007. In *History of Geo- and Space Sciences* [online free-access journal], 2010, 1: 43–44. <http://www.history-of-geo-and-space-sciences.net/>

Occasional publications (since 1990)

- "The History of Science Collections at the University of Oklahoma," International Commission on the History of Geological Sciences *Newsletter*, no. 24 (1992), p.17.
- "Penrose Conference Report -- From the Inside and the Outside: Interdisciplinary Perspectives on the History of Earth Sciences" (with Léo F. Laporte and Naomi

- Oreskes), *GSA Today*, 1994, vol. 4, no. 8, pp. 203–204. Another version of this report published in International Commission on the History of Geological Sciences (INHIGEO) *Newsletter*, no. 27 (1995), pp. 11–12.
- "Duane Henry DuBose Roller (1920–1994): A Tribute" (with Marilyn B. Ogilvie), *History of Science Society Newsletter*, 1994, vol. 23, no. 4, pp. 2–3.
- "Presentation of the History of Geology Division Award to François Ellenberger," *GSA Today*, 1995, vol. 5, no. 3, p. 58. Reprinted in *Newsletter* of the History of Geology Division, Geological Society of America, June 1995, vol. 19, no. 1, pp. 2–3; also in International Commission on the History of Geological Sciences (INHIGEO) *Newsletter*, no. 27 (1995), pp. 36–38.
- "Ruth Jones Eichholz (1915–1995)," *Discorsi*, no. 4 (1996), p. 8.
- Acceptance statement, Sue Tyler Friedman Medal, Geological Society of London, *Geoscientist*, April 1998, Vol. 8, no. 4, Awards insert, pp. 8–9.
- "History of Geology Division," *GSA Today*, 1999, vol. 9, no. 7, p. 17.
- Interview with Ursula B. Marvin, in *INHIGEO Newsletter*, no. 34 (2001), pp. 23–29 [published 2002]
- "28th INHIGEO Symposium, Dublin," in *Newsletter of the History of Geology Division, Geological Society of America*, vol. 27, no. 3 (September 2003), pp. 10–11.
- USA annual reports, in *INHIGEO Newsletter*, no. 37 (2004), pp. 100–102 [published 2005]; no. 38 (2005), pp. 117–121 [published 2006]; no. 39 (2006), pp. 101–104 [published 2007]; no. 40 (2007), pp. 97–101 [published 2008]
- "Thomas M. Smith: A Tribute," in *The Lynx*, no. 2 (November 2005), pp. 3–4.
- Acceptance statement, Mary C. Rabbitt Award, Geological Society of America, October 2007
[<http://www.geosociety.org/awards/07speeches/rabbitt.htm>]
- "In Memoriam: David B. Kitts," in *History of Science Society Newsletter*, Vol. 40, no. 2, p. 18, April 2011 (with Mary Jo Nye)
- "In Memoriam: Alexander M. Ospovat," in *History of Science Society Newsletter*, Vol. 40, no. 2, pp. 18–19, April 2011
- Interview with Kennard B. Bork, in *INHIGEO Newsletter*, no. 44 (2011) [published 2012], pp. 49–54
- "An INHIGEO Salute to Martin Guntau." Written for *Geohistorische Blätter*. Published in *INHIGEO Annual Record*, no. 46 (2013) [published 2014], pp. 48–49.
- Interview with Martin Guntau, in *INHIGEO Annual Record*, no. 46 (2013) [published 2014], pp. 49–51
- President's messages, in *INHIGEO Newsletter / Annual Record*, no. 45 (2012[2013]):7; no. 46 (2013[2014]):8; no. 47 (2014[2015]):8; no. 48 (2015[2016]):7.
- "American anecdotes of history of science—Interview with Kenneth Taylor," by Haiyan Yang. *Science and Culture Review*, Vol. 11, No. 6, December 2014, pp. 104–113 [in Chinese]

- “Anniversaries: Basalt 250 Years Ago.” International Union of Geological Sciences E-Bulletin (no. 140) and website, 2018.
http://iugs.org/uploads/IUGS-E-bulletin-March-140_2.pdf
Also at
https://www.inhigeo.com/anniversaries/INHIGEO_Anniversaries%20Basalt%20-%20250%20years%20ago.pdf
Also in *INHIGEO Annual Record*, no. 51 for 2018 [published 2019], pp. 77–78
“Interview: Ken Taylor, in conversation with Ken Bork.” *INHIGEO Annual Record*, no. 50 (2017) [published 2018], pp. 59–73.
Acceptance statement, Prix Eugène Wegmann, *INHIGEO Annual Record*, no. 51 (2018) [published 2019], pp. 41–42 (English version). Original videotaped statement in French: <https://www.geosoc.fr/les-prix/laureats.html>
or at <https://www.youtube.com/watch?v=ZTDvrShmAnU>
“Anniversaries: April 1719: Mairan places the question of the Earth’s ‘central fire’ on a new footing.” International Union of Geological Sciences E-Bulletin (no. 153) and website, 2019.
http://iugs.org/uploads/E-Bulletin/IUGS-E-bulletin-April_153.pdf
Citation, GSA Mary C. Rabbitt History and Philosophy of Geology Award, presented to Ezio Vaccari, 2020.
<https://www.geosociety.org/GSA/About/awards/GSA/Awards/2020/rabbitt.aspx>
“IUGS INHIGEO Anniversaries: Scientific Examination of the Falun of Touraine, 300 Years Ago.” International Union of Geological Sciences E-Bulletin (no. 169) and website, 2020.
https://98ca4554-1361-4fb1-a4d8-a1bb16d032e6.filesusr.com/ugd/flfc07_ac0ca799f8d34782876365c066c0121d.pdf?index=true
A “Lest We Forget” remembrance of Duane H. D. Roller, to appear in *Sooner Magazine* [2023, as yet untitled]

RESEARCH LECTURES AND PAPER PRESENTATIONS at international, national, or regional meetings: 80+

PROFESSIONAL SERVICE (selected):

- History of Science Society: Schuman Prize Committee, 1976; Governing Council, 1979–1981; Pfizer Award Committee, 1979; Annual meeting session organizer, 1980; Dibner Visiting Historian of Science, 1990–91; Committee on Meetings and Programs, 1995–97; HSS Bibliographer Search Committee, 2001
History of the Earth Sciences Society:
Various committees, 1985–present; Treasurer, 1985–91; President, 1997–98; Past President, 1999–2000; Nominating Committee Chair, 2004
Comité Français d'Histoire de la Géologie: Conseiller étranger, 1988–1990, 2001–02

U.S. National Committee on the History of Geology (National Research Council)
1974–79, 1984–1993; Committee Secretary, 1985–90; Committee Chair, 1990–93
Geological Society of America: Elected Fellow, 1997; History of Geology Division Chair
1998–99; Division Executive Committee, 1997–2000; Awards Panel, History of
Geology Award, 1996–98, and Panel Chair 1999–2000; Awards Committee,
2008–2010 (Committee Chair, 2010); Penrose Conference co-convenor, 1994;
Award Citationist, History & Philosophy of Geology Division, 1999, 2015
International Commission on the History of Geological Sciences: Vice-President for
North America, 2004–08; President, 2012–2016; Organizing Committee Chair,
39th INHIGEO Symposium, Asilomar, California, 2014; Past-President, 2016–
2020
American Association of University Professors: Chapter First Vice-President, 1971–72;
President, Univ. of Oklahoma Chapter, 1972–73; Secretary, Oklahoma State
Conference, 1976–78; Committee T Chair [College and University Government],
1977–79, 1980–81; President Elect, Oklahoma State Conference, 1978–79;
President, Oklahoma State Conference, 1979–80; Executive Committee,
Oklahoma State Conference, 1976–81
Co-director, University of Oklahoma Centennial Conference on the History of Science:
"Representing and Understanding the Natural World—Science in Western
Culture," Norman, 1990 (with M.J. Nye)
Symposium co-organizer, "Development and Cultural Influence of Geological Sciences
in an Age of Technological and Industrial Expansion" (specific themes: mining
history, and non-written sources in study of history of geology), 20th International
Congress of History of Science, Liège, Belgium, 1997 (with S.F. de M. Figueirôa
and H. Torrents). Edited several symposium papers for publication in *Annals of
Science* (1999 & 2000)
Symposium organizer and chair, "Geology and Travel: Historical Perspectives," Annual
Meeting of Geological Society of America, South-Central Section, Norman,
March 1998
Symposium co-organizer and co-chair, "Crossing Disciplinary Boundaries in the
Geosciences: Historical Perspectives," Annual Meeting of the Geological Society
of America, Denver, October 1999 (with Michele Aldrich)
Conference co-organizer and co-chair, "La Géologie des Lumières," international
colloquium held under the auspices of the École des Hautes Études en Sciences
Sociales and the Maison des Sciences de l'Homme, Paris, 29–30 May 2001 (with
Claudine Cohen)
National Endowment for the Humanities panelist, Collaborative Research, European
Studies, 1996
National Science Foundation panelist, Graduate Research Fellowships, 2002–2004
Panel member, NSF Graduate Research Fellowships Program, 2002, 2003, 2004
Lecturer, History of Science Workshop, National Tsing Hua University, Taiwan, 2004

Publication submission referee for various journals (e.g., *Isis*, *Historical Studies in the Physical and Biological Sciences*, *Earth Sciences History*, *Archives Internationales d'Histoire des Sciences*, *Centaurus*, *History and Philosophy of the Life Sciences*, *Earth-Science Reviews*, *Bulletin de la Société Géologique de France*, *Chinese Annals of History of Science and Technology*, *Volcanica*), and university or other academic presses (e.g., Cornell University Press, Oxford University Press, Rutgers University Press, University of Chicago Press, Kluwer Academic Publishers, American Geophysical Union, Geological Society of London, Geological Society of America, American Association of Petroleum Geologists, Edition Open Sources)

Proposal referee for various agencies, foundations and organizations (e.g., National Science Foundation, National Endowment for the Humanities, Rockefeller Foundation, Dibner Institute, MacArthur Foundation, Wellcome Trust)

UNIVERSITY SERVICE (selected)

Campus-wide

University Senate, Arts and Sciences representative, 1970–73; 1986–87

Senate committee on academic standards, 1970–72;

Senate ad hoc committee on the University fringe benefit program, 1972–73;

Senate committee on faculty welfare, 1972–73

University Fringe Benefits Committee, 1972–73

University Task Force on Faculty Personnel Policy, 1974–77:

Chair, Subcommittee on Promotion and Tenure;

Editor, Task Force Report (recommendations for revised policies on appointment, professional evaluation, promotion, tenure, and conditions/standards of employment)

Academic Program Council, 1974–76:

Chair, Subcommittee on Teacher Evaluation;

Primary author, report on evaluation of teaching;

Subcommittee on State Regents' articulation policy

Campus Tenure Committee, 1979–80

University Library Committee, 1984–86: Committee Chair, 1985–86

College of Arts and Sciences

Dean's advisory Committee on Tenure and Promotion, 1979–84; 1992–93; 1996–97; 1999–2000 (committee chair); 2005–06

Search committee, Dean of the College, 1985–86: Committee Chair

Plans and Priorities Committee, 1986–87; 1989–90

General Education Committee, 1988–91: Committee Chair, 1988–89

Dean's Budget Committee, 1993

Course and Curriculum Committee, 1995–97

Planning and Budget Committee, 1997–2000

Executive Committee, 2003–2005

Department of the History of Science (department created in 1971)

Acting Department Chair, Fall 1978

Department Chair, 1979–1992

Interim Department Chair, Spring 1999

Committee A (Dept. Exec. Comm.): 1971–72; 1974–76; 1979–92 (as Dept. Chair);
1992–94; 1995–96; 1997–98; 1999 (as Interim Chair); 1999–2000; 2001–2003;
2003–2004

Graduate Admissions Coordinator, 1992–97; 1999–2000; 2001–2005

Graduate College and Office of Research Administration

Graduate Council, 1972–73; 2001

College of Liberal Studies

College Executive Committee, 1972–77