

- **Curriculum vitae, Michael Mc Vaugh**

EDUCATION

Ph. D. 1965 Princeton University
M. A. 1962 Princeton University
B. A. 1960 Harvard College (*magna cum laude*)

PROFESSIONAL EMPLOYMENT

William Smith Wells Professor of History (emeritus), University of North Carolina, 2007-; (adjunct), 2019-
William Smith Wells Professor of History, University of North Carolina, 1996-2007;
Professor of History, University of North Carolina, 1976-1996;
Associate Professor of History, University of North Carolina, 1970-1976;
Assistant Professor of History, University of North Carolina, 1964-1970.

associate faculty, Department of Social Medicine, School of Medicine, University of North Carolina, 1980-1987

FELLOWSHIPS, AWARDS, AND HONORS

awarded Sarton Medal by History of Science Society, November 2010
recognized by symposium, “Between Text and Patient: The Medical Enterprise in Medieval and Early Modern Europe,” Chapel Hill, NC, 2-4 March 2007 (papers published under that title by F. E. Glaze and B. K. Nance, eds. Florence, 2011)
selected as Robert McGovern Lecturer, Green College, Oxford, for (October) 2005
elected Fellow of the Medieval Academy of America, 2005
elected member (*membre effectif*), Académie Internationale d’Histoire des Sciences, 2002
Directeur d’études invité, Ecole Pratique des Hautes Etudes, University of Paris, May-June 2001
visiting Fellowship, Magdalen College, Oxford, spring 2000
elected corresponding member, Académie Internationale d’Histoire des Sciences, 1997
named Amalie and Edward Kass Lecturer, Wellcome Institute for the History of Medicine, May 1997
named Fielding H. Garrison Lecturer, American Association for the History of Medicine, May 1996
visiting Fellowship, Clare Hall, Cambridge, fall 1994
awarded William H. Welch Medal by American Association for the History of Medicine, April 1994
John Simon Guggenheim Memorial Foundation Fellowship, 1981-1982
Member, School of Historical Studies, Institute for Advanced Study, Princeton, NJ, 1968-1969

PUBLICATIONS

Books

"Critical Edition of Constantine the African's Latin Translation (*Viaticum peregrinantis*)"; in Gerrit Bos, Fabian Käs, and Michael McVaugh, *Ibn al-Jazzar's Zād al-musāfir wa-qút al-ḥāqīqī: Provisions for the Traveller and Nourishment for the Sedentary*, Books I-II (Leiden and Boston: Brill, 2022), 657-738.

The Regimen sanitatis of "Avenzoar": Stages in the Production of a Medieval Translation, by Michael McVaugh, Gerrit Bos, and Joseph Shatzmiller (Leiden-Boston: Brill, 2019).

Maimonides, On the Regimen of Health: A New Parallel Arabic-English Translation, by Gerrit Bos, with ... Latin Translations by Michael R. McVaugh (Leiden-Boston: Brill, 2019).

Arnaldi de Villanova Opera Medica Omnia, XIII: *Speculum medicine* (Barcelona: University of Barcelona-Fundació Noguera, 2019).

Arnaldi de Villanova Opera Medica Omnia, XIV: *Expositio super aphorismo Hippocratis "In Morbis Minus"*; *Repetitio super aphorismo Hippocratis "Vita brevis"* (Barcelona: University of Barcelona-Fundació Noguera, 2015). With Fernando Salmón.

Al-Rāzī, On the Treatment of Small Children (De curis puerorum): the Latin and Hebrew Translations (Brill: Leiden-Boston, 2015). With Gerrit Bos.

Transmitting a Text through Three Languages: The Future History of Galen's 'Peri Anomalou Dyskrasias'; Transactions, American Philosophical Society, vol. 104 part 5 (Philadelphia, 2015). With Gerrit Bos and Joseph Shatzmiller.

Maimonides, *On hemorrhoids* (Provo, Utah: Brigham Young University Press, 2012). (With Gerrit Bos.)

Arnau de Vilanova, *Tractat sobre l'amor heroic* (Barcelona: Editorial Barcino, 2011). (English introduction and Latin text. With Sebastià Giralt.)

Arnaldi de Villanova Opera Medica Omnia, V.2: *De humido radicali* (Barcelona: University of Barcelona, 2010.) (With Chiara Crisciani and Giovanna Ferrari.)

Maimonides, *On poisons and the Protection against Lethal Drugs* (Provo, Utah: Brigham Young University Press, 2009). (With Gerrit Bos.)

Maimonides, *On asthma*, vol. 2 (Provo, Utah: Brigham Young University Press, 2008). (With Gerrit Bos.)

The Rational Surgery of the Middle Ages (Florence: Edizioni del Galluzzo, 2006).

Arnaldi de Villanova Opera Medica Omnia, XVII: *Translatio libri Albuzale de medicinis simplicibus* (Barcelona: University of Barcelona, 2005). (With J. Martínez Gazquez, A. Labarta, D. Jacquot, and Ll. Cifuentes.)

The Tabula Antidotarii of Armengaud Blaise and its Hebrew Translation (Philadelphia: The American Philosophical Society, 2000); Trans. Am. Phil. Soc. 90, part 6, 2000. (With Lola Ferre.)

Arnaldi de Villanova Opera Medica Omnia, V.1: *De intentione medicorum* (Barcelona: University of Barcelona, 2000).

Arnaldi de Villanova Opera Medica Omnia, X.2: *Regimen Almarie* (Barcelona: University of Barcelona, 1998). (With Lluis Cifuentes).

Inventarium sive Chirurgia magna Guigonis de Caulhiaco (Guy de Chauliac), 2 vols. (Leiden: Brill, 1997). (Vol. 2 with Margaret S. Ogden.)

Chapel Hill and Elisha Mitchell the Botanist (Chapel Hill: North Carolina Botanical Garden Foundation, 1996). (With Rogers McVaugh and Mary Ayers.)

Arnaldi de Villanova Opera Medica Omnia, X.1: *Regimen sanitatis ad regem Aragonum* (Barcelona: University of Barcelona, 1996). (With Luis García Ballester, Pedro Gil Sotres, and Juan A. Paniagua.)

Medicine before the Plague: Practitioners and their Patients in the Crown of Aragon, 1285-1345 (Cambridge: Cambridge University Press, 1993; paperback edition, 2002)

Medical Licensing and Learning in Fourteenth-Century Valencia (Philadelphia: The American Philosophical Society, 1989); Trans. Am. Phil. Soc. 79, part 6, 1989. (With Luis García-Ballester and Agustín Rubio-Vela.)

Arnaldi de Villanova Opera Medica Omnia, III: *Tractatus de amore heroico. Epistola de dosi tyriacalium medicinarum* (Barcelona, 1985).

A Latin Technical Phlebotomy and Its Middle English Translation (Philadelphia: The American Philosophical Society, 1984); Trans. Am. Phil. Soc. 74, part 2, 1984. (With Linda E. Voigts.)

Arnaldi de Villanova Opera Medica Omnia, XVI: *Translatio libri Galieni de rigore* (Barcelona: University of Barcelona, 1981).

The Elusive Science: Origins of Experimental Psychical Research (Baltimore and London; The Johns Hopkins University Press, 1980). (With Seymour H. Mauskopf.)

Arnaldi de Villanova Opera Medica Omnia, II: *Aphorismi de gradibus* (Granada-Barcelona: University of Barcelona, 1975; reprinting with indexes, Barcelona: University of Barcelona, 1992).

Editorial projects

Co-editor, *Arnaldi de Villanova Opera Medica Omnia* (1975-2000: with Luis García Ballester and Juan Antonio Paniagua; 2000-: with Jon Arrizabalaga, Pedro Gil-Sotres, and Fernando Salmón). Volumes already published: 2 (1975); 3 (1985); 4 (1988); 5.1 (2000); 5.2 (2010); 6.1 (1990), 6.2 (1993); 7.1 (2005); 10.1 (1996), 10.2 (1998); 11 (1999); 13 (2019); 14 (2015); 15 (1985); 16 (1981); 17 (2004).

Texts and Contexts: Studies in Ancient and Medieval Science in Honor of John E. Murdoch's Seventieth Birthday (Leiden: Brill, 1997). (With Edith Sylla).

Co-editor, *Renaissance Medical Learning: Evolution of a Tradition* (*Osiris* 6 [1990]). (With Nancy G. Siraisi).

Guest editor of centennial number, *Journal of the Elisha Mitchell Scientific Society*, 100 (1984), Number 2.

Articles and contributions to books

Preface to Lorenza Iannacci and Annafelicia Zuffrano, *Il dossier testamentario di Teodorico Borgognoni, frate domenicano, chirurgo, ippiatra e vescovo: autobiografia di un uomo del Duecento* (Florence: SISMEL/Edizioni del Galuzzo, 2022), 3-10.

“A Puzzle for Peter,” in *A Secret Book for Peter Murray Jones*, ed. L. Kassell and A. Thwaite (Kings College Cambridge, Dec. 2021), 191-4.

“Medieval Paths to Surgical Practice: The Example of Montpellier,” *Le Moyen Âge et les sciences*, ed. D. Jacquart et A. Paravicini Bagliani (Florence: SISMEL/ Edizioni del Galluzzo, 2021), 431-50.

“Twelfth-Century Latin Medicine in Hebrew Garb: Doeg the Edomite as a Cultural Intermediary,” *Medieval Encounters* 26 (2020), 226-284. (With G. Freudenthal and K. Mesler.)

“Teodorico Borgognoni: From Surgeon’s Son to Surgical Author,” in *Teoria e pratica medica nel basso Medioevo. Teodorico Borgognoni vescovo, chirurgo, ippiatra*, ed. Francesca Roversi Monaco (Firenze: SISMEL, 2019), 65-74.

“Hippocrates at Montpellier,” in *Sicut dicit: Editing Ancient and Medieval Commentaries on Authoritative Texts*, ed. Shari Boodts, Pieter De Leemans, and Stefan Schorn (Turnhout: Brepols, 2019), 47-67.

“Averroes comes to Montpellier,” in *De l’homme, de la nature et du monde: Mélanges d’histoires des sciences médiévaux offerts à Danielle Jacquart*, ed. N. Weill-Parot et al. (Geneva: Droz, 2019), 212-36.

“*Tabula tantum*: The History of a Genre that Failed,” in *Écritures médicales: Discours et genres, de la tradition antique à l’époque moderne*, ed. L. Moulinier-Brogi and M. Nicoud (Lyon-Avignon: CIHAM-Editions, 2019), 133-153.

“Galen in the Medieval Universities, 1200-1400,” in *Brill’s Companion to the Reception of Galen*, ed. Petros Bouras-Vaillianatos and Barbara Zipser (Leiden-Boston: Brill, 2019), 381-392.

“A Miscellany? Or the Evolution of a Mind? MS Munich CLM 534,” *Micrologus* 27 (2019), 71-86.

“Reading Averroes,” in *Convivencia and Medieval Spain: Essays in Honor of Thomas F. Glick*, ed. Mark T. Abate (Palgrave, 2019), 409-21.

"Early American Sunspot Drawings from the 'Year without a Summer,' *Space Weather*, 15 (2017), 857-60, doi 10.1002/2017SW001647. (With W. F. Denig.)

"Arnaud de Vilanova in Naples," in *Arnaldo da Villanova e la Sicilia*, ed. Giuseppe Pantano (Palermo: Officina di Studi Medievali, 2017), 77-87.

"Determining a Drug's Properties: Medieval Experimental Protocols," *Bulletin of the History of Medicine* 91 (2017), 183-209.

"In a Montpellier Classroom," in *Professors, Physicians and Practices in the History of Medicine: Essays in Honor of Nancy Siraisi*, ed. Gideon Manning and Cynthia Klestinec (Berlin: Springer, 2017), 29-48.

"Pharmacie pratique et théorie médicale à la fin du XIII^e siècle," *Science et technique au Moyen Âge (XIIe-XVe siècle)*, ed. Joel Chandelier et al. (Saint-Denis: Presses Universitaires de Vincennes, 2017), 305-19.

"When Universities First Encountered Surgery," *Journal of the History of Medicine and Allied Sciences* 72(2017): 6-20. DOI:<https://doi.org/10.1093/jhmas/jrw045>

"From the Old World to the New: The Circulation of the Blood," in *Summa doctrina et certa experientia: Studi su medicina e filosofia per Chiara Crisciani*, ed. Gabriella Zuccolin; Micrologus Library 79 (Florence: SISMEL, 2017), 409-27. (With Nancy Siraisi.)

"Arnaud de Vilanova at the Summit of Oloron (1287): A Major Inflection Point in the Life of a Medieval Physician," *Journal of Medieval History* 42 (2016), 588-602. (With Theo H.M. Falke.)

"On the Individuality of the Medieval Translator," in *Medieval Textual Cultures*, eds. Faith wallis and Robert Wisnovsky (Berlin and Boston: DeGruyter, 2016), 133-43.

"Why Rhazes?," *Micrologus* 24 (2016), 43-71.

"In Memoriam: Charles Gillispie in the Genesis of the History of Science," *Newsletter of the History of Science Society* 45, no. 1, January 2016, 23-27. (With Seymour Mauskopf.) <http://hssonline.org/wp-content/uploads/2012/07/Jan-2016-newsletter.pdf>

"Sobre la vida d'un metge valencià: Martí de la Calçarola," *afers*, 82 (2015), 409-420.

"Medicine," in *Dante in Context*, ed. Z. G. Baranski and L. Pertile (Cambridge: Cambridge University Press, 2015), 189-99.

"Medicine in the Medieval Urban Mediterranean World," in *Ciutats Mediterrànies: Civilització i Desenvolupament*, ed. A. Riera, J. Guitart, and S. Giner (Barcelona: Institut d'Estudis Catalans, 2015), 222-27.

"Dos segles d'estudis sobre el pensament mèdic d'Arnaud de Vilanova," *Actes de la III Trobada Internacional d'Estudis sobre Arnaud de Vilanova* (Barcelona, 2014), 23-25.

"The Writing of the *Speculum medicine* and its place in Arnau de Vilanova's last years," *Actes de la III Trobada Internacional d'Estudis sobre Arnau de Vilanova* (Barcelona, 2014), 293-304.

"Medical Values and Behavior: A View from 1380s Montpellier," in *Medical Ethics: Premodern Negotiations between Medicine and Philosophy*, ed. Mariacarla Gadebusch Bondio (Stuttgart: Franz Steiner, 2014), 73-89.

"Arnau de Vilanova's Marseille Investments," *Revista Catalana de Teologia* 38/2 (2013), 1187-97. (With Martin Aurell.)

"Latin into Hebrew--Twice Over! Presenting Latin Scholastic Medicine to a Jewish Audience," in *Latin-into-Hebrew: Texts and Studies*, ed. Resianne Fontaine and Gad Freudenthal, vol. 1 (Leiden-Boston: Brill, 2013), 31-43, 455-68. (With Susan Einbinder.)

"The Future of a Disease: the Impact of Galen's *De Crisi* on Medieval Medical Thought," in *Die mantischen Künste und die Epistemologie prognostischer Wissenschaften im Mittelalter*, ed. A. Fidora (Cologne-Weimar-Vienna: Böhlau, 2013, 131-150.

"El món mèdic de Castelló d'Empúries a principis del segle XIV," *Mot so razo* 10-11 (2011-2012), 1-16.

"Losing Ground: The Disappearance of Attraction from the Kidneys," in *Blood, Sweat and Tears. The Changing Concepts of Physiology from Antiquity into Early Modern Europe*, ed. Manfred Horstmannshof, Helen King, and Claus Zittel (Leiden-Boston: Brill, 2012), 103-35.

"Academic Medicine and the Vernacularization of Medieval Surgery: The Case of Bernat de Berriac," in *El saber i les llengües vernacles a l'època de Llull i Eximenis*, ed. Anna Alberni, Lola Badia, Lluís Cifuentes, and Alexander Fidora (Barcelona: Abadia de Montserrat, 2012), 257-81.

"Fistulas, the Knee, and the 'Three-Dimensional' Body," in *Medicine and Space: Body, Surroundings, and Borders in Antiquity and the Middle Ages*, ed. Patricia A. Baker, Han Nijdam, and Karine van't Land (Leiden-Boston: Brill, 2012), 24-36, plates.

"[Memoir:] John Emery Murdoch," *Speculum* 86 (2011), 855-57. (With Edith D. Sylla and Edward Grant.)

"Ars Longa," *Micrologus* 19 (2011), 325-48.

"The medieval appropriation of Maimonides." Barcelona, Institució Milà i Fontanals, IMF-CSIC Working Papers, no. 1. (2011). Available at <http://www.imf.csic.es/>.....

"Medicine and Arts in Thirteenth-Century Paris," in *Crossing Boundaries at Medieval Universities*, ed. Spencer E. Young (Leiden-Boston: Brill, 2011), 189-211.

articles Bernard de Gordon, Galen and Galenism in the Middle Ages, Gilbertus Anglicus, Guy de Chauliac, Hippocrates, and Teodorico Borgognoni, in *Oxford Dictionary of the Middle Ages*, ed. Robert E. Bjork, Oxford University Press 2010; at <http://www.oxford-middleagesdictionary.com/>

"Who Was Gilbert the Englishman?," in *The Study of Medieval Manuscripts of England: Festschrift in Honor of Richard W. Pfaff*, ed. George Hardin Brown and Linda Ehram Voigts, MRTS 384 (Tempe, ACMRS, 2010), 295-324.

"Don Juan Antonio," *Dynamis* 30 (2010), 315-316.

"Towards a Stylistic Grouping of the Translations of Gerard of Cremona," *Mediaeval Studies* 71 (2009), 99-112.

"Historical Awareness in Medieval Surgical Treati[s]es," in *Geschichte der Medizingeschichtsschreibung*, ed. Thomas Rütten, 2 vols. (Remscheid, 2009), vol. 1, 171-99,

"The 'Experience-Based Medicine' of the Thirteenth Century," *Early Science and Medicine* 14 (2009), 105-30.

"Is There a Salernitan Surgical Tradition?" in *La Collectio Salernitana di Salvatore de Renzi*, ed. Danielle Jacquart and Agostino Paravicini Baglioni (Florence: Edizioni del Galuzzo, 2008), 61-77.

"Foxglove, Digitalis, and the Limits of Empiricism," in *Natura, scienze e società medievali. Studi in onore di Agostino Paravicini Baglioni*, ed. Claudio Leonardi and Francesco Santi (Florence: Edizioni del Galluzzo, 2008), 177-93.

"Petrarch's Scabies," in *Petrarca e la medicina*, ed. Monica Berté, Vincenzo Pera and Tiziana Pesenti; Atti del Convegno di Capo d'Orlando, 27-28 giugno 2003 (Messina: Centro Interdipartimentale di Studi Umanistici, 2006), 53-76.

"Arnau de Vilanova and Paris: One Embassy or Two?," *Archives d'Histoire Doctrinale et Littéraire du Moyen Age*, 73 (2006), 29-42.

Articles "Rhine Research Center" and "Rice Diet," *Encyclopedia of North Carolina*, ed. William S. Powell (Chapel Hill: University of North Carolina Press, 2006), pp. 971-2, 972.

"Richard Wiseman and the Medical Practitioners of Restoration London," *Journal of the History of Medicine and Allied Sciences* 2006; doi: 10.1093/jhmas/jrl046; 62 (2007), 125-40.

"Niccolò da Reggio's Translations of Galen and Their Reception in France," *Early Science and Medicine*, 11 (2006), 275-301.

"Arnau de Vilanova and the Pathology of Cognition," in *Corpo e anima, sensi interni e intelletto dai secoli XIII-XIV ai post-cartesiani e spinoziani*, ed. G. Federici Vescovini, V. Sorge, and C. Vinti (Turnhout: Brepols, 2005), 119-38.

"Chemical Medicine in the Medical Writings of Arnau de Vilanova," *Arxiu de Textos Catalans Antics* 23/24 (2004-2005), 239-64. [Also published as *Actes de la II Trobada Internacional d'Estudis sobre Arnau de Vilanova*, 239-64.]

"La medicina i els metges a la baixa edat mitjana," in Joan Vernet and Ramon Parés, eds., *La Ciència en la Història dels Països Catalans, I: Dels Àrabs al Renaixement* (Barcelona: Institut d'Estudis Catalans, 2004), pp. 363-70.

"Pierre Duhem," in *Rewriting the Middle Ages in the Twentieth Century*, ed. Jaume Aurell and Francisco Crosas (Turnhout: Brepols, 2005), pp. 57-67.

"Surgery in the Fourteenth-Century Faculty of Medicine of Montpellier," in *L'Université de Médecine de Montpellier et son rayonnement (XIIIe-XVe siècles)*, ed. Daniel Le Blévec; Actes du colloque international de Montpellier, 17-19 mai 2001 (Brepols, 2005), 39-49.

article, "Winchester, Henry of," in *Oxford Dictionary of National Biography*, vol. 59 (Oxford: OUP, 2004), p. 689. <http://www.oxforddnb.com/view/article/45756>

articles, "La medicina i els metges a l'edat mitjana," and "Arnaud de Vilanova," in Joan Vernet and Ramon Parés, eds., *La ciència i la història dels països catalans, I* (València: Institut d'Estudis Catalans, 2004), 363-70, 443-53.

"Le coût de la pratique et l'accès aux soins au XIVe siècle: l'exemple de la ville catalane de Manresa," *Mèdièvales* 46 (printemps 2004), 45-54.

articles "Garcia i Ballester, Lluís," and "Paniagua Arellano, Juan Antonio," in *Diccionari d'Historiografia Catalana*, ed. Antoni Simon i Tarrés (Barcelona: Encyclopædia Catalana, 2003), pp. 509-10, 892.

articles "Disease," "Hygiene, Personal," and "Physicians," in *Dictionary of the Middle Ages*. Supplement I, ed. William Chester Jordan (New York: Thomson/Gale, 2004), pp. 164-6, 283-6, 474-6.

"Incantationes in Late Medieval Surgery," in Giancarlo Marchetti, Orsola Rignani and Valeria Sorge, eds., *Ratio et Supersticio: Essays in Honor of Graziella Federici Vescovini* (Louvain-la-Neuve: Brepols, 2003), 321-45.

"Alchemy in the Chirurgia of Teodorico Borgognoni," in Chiara Crisciani and Agostino Paravicini Bagliani, eds., *Alchimia e medicina nel Medioevo* (Firenze: Sismel, 2003), 55-75.

"Guillem de Béziers and His *Informatio scolaribus suis*," *History of Universities*, 18/2 (2003), 1-33. (With José Martínez Gázquez and Luis García Ballester.)

contributed articles "Joan A. Paniagua" and "Lluís Garcia Ballester" to *Diccionari d'Historiografia catalana*, ed. Antoni Simon i Tarres (Barcelona: Encyclopædia Catalana, 2003).

"Ibn Zuhr (Avenzoar)'s Description of a Verrucous Malignancy of the Colon (with an English Translation from the Arabic and notes on its Hebrew and Latin Versions)," *Canadian Bulletin of Medical History*, 19 (2002), 431-40. (With Henry A. Azar and Joseph Shatzmiller.)

"Christian Science;" "Arnaud de Vilanova"; in E. Michael Gurli, ed., *Medieval Iberia: An Encyclopedia* (New York: Routledge, 2003), pp. 742-3, 837-8.

“‘Coriandri bulliti in aceto et exsiccati.’ An Arnaldian touchstone?,” *Arxiu de Textos Catalans Antics*, 21 (2002), 659-63.

“Smells and the Medieval Surgeon,” *Micrologus* 10 (2002), 113-132.

“The Lost Latin Galen,” in Vivian Nutton, ed., *The Unknown Galen* (Institute of Classical Studies, University of London, 2002), pp. 153-64.

“Luis García Ballester: Personal Recollections,” *Dynamis* 22 (2002), 473-476.

“The 25th-anniversary volume of the AVOMO: *De intentione medicorum*,” in *Col.loquis d’Història de la Ciència i de la Tècnica* 3 (Barcelona, 2001), pp. 23-24, 25-26.

“Moments of Inflection: The Careers of Arnau de Vilanova,” in Peter Biller and Joseph Ziegler, eds., *Religion and Medicine in the Middle Ages* (York Medieval Press, 2001), pp. 47-68.

“Cataracts and Hernias: Aspects of Surgical Practice in the Fourteenth Century,” *Medical History* 45 (2001), 319-340.

“Surface Meanings: The Identification of Apostemes in Medieval Surgery,” in Wouter Bracke and Herwig Deumens, eds., *Medical Latin from the Late Middle Ages to the Eighteenth Century* (Brussels: Koninklijke Academie voor Geneeskunde, 2000), pp. 13-29.

“Surgical Education in the Middle Ages,” *Dynamis* 20 (2000), 283-304.

manuscript descriptions for *Les Chroniques de Hainaut*, ed. Christiane Van den Bergen-Pantens (Turnhout: Brepols, 2000), pp. 221-222.

“Treatment of Hernia in the Later Middle Ages: Surgical Correction and Social Construction,” in Roger French, Jon Arrizabalaga, Andrew Cunningham, and Luis García-Ballester, eds., *Medicine from the Black Death to the French Disease* (Aldershot: Ashgate, 1998), pp. 131-155.

“Commenting on Aphorisms 1.1: Deontological Training in the Medieval Medical Schools,” *Articella Studies*, number 3 (Cambridge Wellcome Unit for the History of Medicine, 1998), 11-12.

“The Names and Powers of the Baths of Pozzuoli and Baia” (English translation), in Luis García Ballester, ed., Petrus de Ebolo, *Nomina et Virtutes Balneariorum Putheoli et Baiarum* (Valencia: University of Valencia, 1997), pp. 165-185.

“Armengaud Blaise as a Translator of Galen,” in Edith Sylla and Michael McVaugh, eds., *Texts and Contexts: Studies in Ancient and Medieval Science in Honor of John E. Murdoch’s Seventieth Birthday* (Leiden: Brill, 1997), 115-133.

“Bedside Manners in the Middle Ages,” *Bulletin of the History of Medicine* 71 (1997), 201-223.

“Medicine in the Latin Middle Ages,” in Irvine Loudon, ed., *Western Medicine: An Illustrated History* (Oxford: Oxford University Press, 1997), pp. 54-65.

"`I Always Wish I Could Go Back': Sigerist the Medievalist," in Elizabeth Fee and Theodore M. Brown, eds., *Making Medical History: The Life and Times of Henry E. Sigerist* (Baltimore and London: Johns Hopkins University Press, 1997), pp. 162-178.

"Therapeutic Method in the Later Middle Ages: Arnau de Vilanova on Medical Contingency," *Caduceus* 11 (1995), 73-86. (With Luis Garcia-Ballester.)

"Two Texts, One Problem: The Authorship of the Antidotarium and De venenis attributed to Arnau de Vilanova," *Arxiu de Textos Catalans Antics* 14 (1995), 75-94. [Also published as *Actes de la I Trobada Internacional d'Estudis sobre Arnau de Vilanova*, 2:75-94.]

"Introduction [to HSS Distinguished Lecture delivered by B. J. T. Dobbs]," *Isis* 85 (1994), 631-632.

"`Petrus Cellerarius discipulus Arnaldi de Villanova,'" in *Comprendre et maîtriser la nature au moyen âge: Mélanges d'histoire des sciences offerts à Guy Beaujouan* (Geneva: Droz, 1994), pp. 337-350.

"La regulación de las profesiones sanitarias en el siglo XIV: La peculiaridad de Valencia;" in *Historia y Medicina en España: Homenaje al profesor Luis S. Granjel*, ed. J. Riera Palmero (Junta de Castilla y Leon: Valladolid, 1994), pp. 35-55. (With Luis García Ballester and Agustín Rubio Vela.)

"Medical Knowledge at the Time of Frederick II," *Micrologus* 2 (1994), 3-17. Translated as "Conoscenze mediche" in Pierre Toubert and Agostino Paravicini Baglioni, eds., *Federico II e le scienze* (Palermo: Sellerio, 1994), 109-21.

"Royal surgeons and the value of medical learning: the Crown of Aragon, 1300-1350," in Luis García-Ballester et al., eds, *Practical medicine from Salerno to the Black Death* (Cambridge: Cambridge University Press, 1993), 211-236.

"Strategie terapeutiche: la chirurgia," in *Storia del pensiero medico occidentale. 1: Antichità e medioevo*, ed. Mirko D. Grmek (Rome: Laterza, 1993), 371-98.

French translation in *Histoire de la pensée médicale en occident. 1. Antiquité et Moyen Age* (Paris: Editions du Seuil, 1995), 239-255.

German translation in *Die Geschichte des medizinischen Denkens: Antike und Mittelalter* (Beck: Munich, 1996), 293-311.

English translation in *Western Medical Thought from Antiquity to the Middle Ages* (Cambridge, MA: Harvard University Press, 1998), 273-90.

"The Aphorisms of Armengaud Blaise," in C. de Backer, ed., *Cultuurhistorische Caleidoscoop* (Festschrift for W. L. Braekman; Gent, 1992), pp. 415-9.

"Arnau de Vilanova's *Regimen Almarie* (*Regimen castra sequentium*) and Medieval Military Medicine," *Viator* 23 (1992), 201-13.

"William McDougall," in *Dictionary of North Carolina Biography*, ed. William S. Powell, IV (Chapel Hill and London, 1991), 140-41 (with Seymour H. Mauskopf).

"Bernat de Berriacho (fl. 1304-43) and the Ordinacio of Bishop Ponç de Gualba," *Arxiu de Textos Catalans Antics*, 9 (1990), 240-254.

"The Nature and Limits of Medical Certitude at Early Fourteenth-Century Montpellier," *Osiris* 6 (1990), 62-84.

"Elisha Mitchell's Books and the University of North Carolina Library (Part 2)," *The Bookmark*, 56 (1990), 31-70.

"The Medical Faculty at Early Fourteenth-Century Lérida," *History of Universities* 8 (1989), 1-25. (With Luis García Ballester.)

"Nota sobre el control de la actividad médica y quirúrgica de los barberos (barbers, barbitonsores) en los furs de Valencia de 1329," in *Homenatge al Doctor Sebastià Garcia Martínez* (Valencia, 1988), I, 73-88. (With Luis García Ballester.)

"Elisha Mitchell's Books and the University of North Carolina Library [part I]," *The Bookmark*, 55 (1987), 27-54.

"Francis X. Dercum and Animal Locomotion," *Caduceus*, 3 (1987), 1-35, frontispiece.

"Medicine, History of," *Dictionary of the Middle Ages*, VIII (New York, 1987), 247-254.

"The Two Faces of a Medical Career: Jordanus de Turre of Montpellier," in Edward Grant and John Murdoch, eds., *Mathematics and its Applications to Science and Natural Philosophy in the Middle Ages* (Cambridge, 1987), pp. 301-324.

"The Births of the Children of Jaime II," *Medievalia* (Barcelona), 6 (1986), 7-16.

"Las ediciones renacentistas de Arnau de Vilanova: su valor para la edición crítica de sus obras medicas," *Asclepio* 27 (1985), 39-66. (With Luis García Ballester, Eustaquio Sánchez Salor, and Ana Trías.)

"Elisha Mitchell's Library as an Index to His Scientific Interests," *Journal of the Elisha Mitchell Scientific Society*, 100 (1984), 50-56.

"Further documents for the biography of Arnau de Vilanova," *Dynamis*, 2 (1982), 363-372.

"Extra-Sensory Perception and the Research Tradition of Parapsychology" (with Seymour H. Mauskopf). In K. Ramakrishna Rao, ed.: J. B. Rhine: *On the Frontiers of Science* (Jefferson, NC, 1982), pp. 76-82.

"The Authorship of the Galenic Compendium *de interioribus*, 'Quoniam diversitas....'" *Dynamis*, 1 (1981), 225-229.

"Joseph Banks Rhine (1895-1980)," *American Psychologist*, 36 (1981), 310-311.

"Parapsychology and the American Psychologists: A Study of Scientific Ambivalence" (with Seymour H. Mauskopf). In *The Philosophy of Parapsychology* (N.Y.: Parapsychology Foundation, Inc., 1977), pp. 216-236.

"Galen On Tremor, Palpitation, Spasm, and Rigor" (with David Sider); *Transactions and Studies of the College of Physicians of Philadelphia*, Series V, Vol. I, No. 3 (September 1979), 183-210.

"The Controversy over Statistics in Parapsychology 1934-1938" (with Seymour H. Mauskopf). In Seymour H. Mauskopf, ed.: *The Reception of Unconventional Science* (Boulder: Westview/AAAS, 1979), pp. 105-123.

"Girolamo Ruscelli," *Dictionary of Scientific Biography*, XV, 491-492.

"Two Montpellier Recipe Collections," *Manuscripta*, 20 (1976), 175-80.

"J. B. Rhine's Extra-Sensory Perception and Its Background in Psychical Research," *Isis*, 67 (1976), 161-189. (With Seymour H. Mauskopf).

"Parapsychology," *Dictionary of American History*, V, 212-213. (With Seymour H. Mauskopf).

"Nota sobre las relaciones entre dos maestros de Montpellier: Arnau de Vilanova y Bernardo Gordon," *Asclepio*, 25 (1973), 331-36.

"The 'Venerable Collection' in the History of Chemistry at the University of North Carolina," *Ambix*, 22 (1975), 154-155; also published in Library Notes (University of North Carolina Library), no. 311, November 1, 1974, pp. 2-3.

"Rufinus," *Dictionary of Scientific Biography*, XI, 601.

"An early discussion of medicinal degrees at Montpellier by Henry of Winchester," *Bulletin of the History of Medicine*, 49 (1975), 57-71.

Contributed medical section (pp. 700-808) and other material to Edward Grant, ed., *A Source Book in Medieval Science* (Cambridge, Mass.: Harvard University Press, 1974).

"Historical Perspective and Parapsychology," *Journal of Parapsychology*, 38 (1974), 312-23. (With Seymour H. Mauskopf).

"The 'Humidum Radicale' in Thirteenth-Century Medicine," *Traditio*, 30 (1974), 259-83.

"Theriac at Montpellier 1285-1325," *Sudhoffs Archiv*, 56 (1972), 113-44.

"Frederick II of Hohenstaufen," *Dictionary of Scientific Biography*, V, 146-48.

"Fulbert of Chartres' notes on Arabic astronomy," *Manuscripta*, 15 (1971), 172-77. (With Frederick Behrends.)

"The Experiments of Arnald of Villanova," *Journal of Medieval and Renaissance Studies*, 1 (1971), 107-18.

"A Galenic model for quantitative physiological reasoning; a further note," *Bulletin of the History of Medicine*, 45 (1971), 179-80. (With Seymour H. Mauskopf).

"Constantine the African," *Dictionary of Scientific Biography*, III, 393-95.

"Arnald of Villanova," *Dictionary of Scientific Biography*, I, 289-91.

"The position of Alware Street in mediaeval Winchester," *Proceedings of the Hampshire Field Club*, 24 (1969), 82-85.

"Quantified medical theory and practice at fourteenth-century Montpellier," *Bulletin of the History of Medicine*, 43 (1969), 397-413.

"Arnald of Villanova and Bradwardine's law," *Isis*, 58 (1967), 56-64. Reprinted in Michael H. Shank, ed., *The Scientific Enterprise in Antiquity and the Middle Ages* (Chicago: University of Chicago Press, 2001), 363-71.

"'Apud antiquos' and Mediaeval Pharmacology," *Medizinhistorisches Journal*, 1 (1966), 16-23.

"Effect of rapid and transitory changes in blood and urine pH on NH₄ excretion," *American Journal of Physiology*, 204 (1963), 1077-1085. (With Lawrence P. Sullivan).