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**BRIAN E. AND SANDRA O'BRIEN PRESIDENTIAL PROFESSOR EMERITUS
DEPARTMENT OF THE HISTORY OF SCIENCE, THE UNIVERSITY OF OKLAHOMA
(Retired December 2017)**

EDUCATION:

B.S., Mathematics (with distinction), Stanford University, Palo Alto, California, 1974
B.A., History, Stanford University, Palo Alto, California, 1974
M.A., History, University of California, Los Angeles 1977
Ph.D., History, University of California, Los Angeles 1982

PROFESSIONAL EXPERIENCE:

Research Assistant, Center for Medieval and Renaissance Studies, University of California, Los Angeles, 1977-1979.
Teaching Assistant, Department of History, University of California, Los Angeles, 1979 – 1981.
Research Assistant, Department of Philosophy, University of California, Los Angeles, 1981 – 1982.
Assistant Professor of the History of Science, University of Oklahoma, 1982 – 1988.
Interim Chair, Department of the History of Science, University of Oklahoma, Spring 1988.
Associate Professor of the History of Science, University of Oklahoma, 1988 – 1995
Directeur de recherche associé, Université de Paris I et Centre National de la Recherche Scientifique, 1993 – 1994
Interim Chair, Department of the History of Science, University of Oklahoma, 1994 – 1995
Chair, Department of the History of Science, University of Oklahoma, 1995 – 1997
Professor, Department of the History of Science, University of Oklahoma, 1995 – 2017
Chair, Department of the History of Science, University of Oklahoma, 1999 – 2013
Brian E. and Sandra O'Brien Presidential Professor, University of Oklahoma, 2010 – 2017

PROFESSIONAL AFFILIATIONS:

History of Science Society
Midwest Junto of the History of Science
Medieval Academy of America
Société internationale pour l'étude de la philosophie médiévale
Medieval Association of the Pacific
Membre du Réseau International, Acta Artistarum, La Haye-Paris.
Les Amis de l'Institut de Recherche et d'Histoire des Textes, Paris [Vice-President, 2005-2011]

DOCTORAL DISSERTATIONS SUPERVISED

Liba Chaia Taub, "Philosophy and Physics in Book One of *The Mathematical Syntaxis: An Examination of the 'Aristotelianism' of Ptolemy*," (Co-director with David B. Kitts) 1987.

Kuang-tai Hsu, "Nicolaus Steno and His Sources: The Legacy of the Medical and Chemical Traditions in his Early Geological Writings," (Co-chair with K. L. Taylor) December 1992.

Melissa Rickman, "Making the *Herball*: John Gerard and the Fashioning of an Elizabethan Herbarist," (Co-chair with Karen Reeds) May 2011.

Henry Zepeda, "The Medieval Latin Transmission of the Menelaus Theorem," May 2013.

MASTER'S THESES SUPERVISED

Aaron K. Poffenberger, "The intersection of humanist and scholastic dialectic in the logic of Domingo de Soto," May 1996.

Suzanne Van Ronk, "Gerbert of Aurillac and *De rationali et ratione uti*: translation and context," May 2003.

J. Gregre Harvey, "Abraham Ibn Ezra's critique of Ptolemy's astrology," May 2009.

Henry T. Zepeda, "Compound ratios in the work of Jordanus de Nemore," May 2008.

Margaret Gaida, "Optics from a theological perspective: the appropriation of Alhacen's *De aspectibus* by Roger Bacon," May 2012.

COURSES TAUGHT AT THE UNIVERSITY OF OKLAHOMA

HSCI 2103: "Science and Civilization"

HSCI 2223: "Lives in Science"

HSCI 3013: "History of Science to the Age of Newton"

HSCI 3023: "The History of Science since the Seventeenth Century"

HSCI 3823: "Science in Medieval Culture"

HSCI 3833: "The Scientific Revolution"

HSCI 4823: "Medieval Science"

HSCI 4993: "Capstone in History of Science, Technology and Medicine"

HSCI 5513: "Advanced Studies in the History of Ancient and Medieval Science"

HSCI 5550: "Topics in the History of Science: University, Science and Society in the Middle Ages"

HSCI 5823: "Advanced Studies of Medieval Science"

HSCI 5833: "Advanced Studies of Early Modern Science"

HSCI 5970: "Seminar: Research, Criticism and Analysis"

HSCI 6970: "Seminar in the History of Science"

AWARDS, GRANTS, AND PRIZES:

California State University Fellowships, 1969-1973.

Stanford University, Department of Mathematics Fellowship, 1973-1974.

Phi Beta Kappa, Stanford University, 1974.

St. Nicholas Prize, Center for Medieval and Renaissance Studies, University of California, Los Angeles, 1979.

Bertrand Russell Society Travel Fellowship, 1979.

Patent Fund Travel Fellowship, University of California, Los Angeles, 1979.

“Galileo and *metabasis*: Scientific Methodology According to the *Quaestiones in librum Posteriorum*,” University of Oklahoma, Research Council, Junior Faculty Summer Fellowship, 1983 (\$3500).

“Galileo and *metabasis*: Scientific Methodology According to the *Quaestiones in librum Posteriorum*,” University of Oklahoma, College of Arts and Sciences, Summer Fellowship, 1983 (\$3500) (declined).

“Galileo and *metabasis*: Scientific Methodology According to the *Quaestiones in librum Posteriorum*,” University of Oklahoma, Research Council, Internal Fund Grant, 1983 (\$363).

“Interdisciplinary Sciences in Fourteenth-Century Commentaries on the *Sentences*,” University of Oklahoma, Research Council, Internal Fund Grant, 1984 (\$484).

University of Oklahoma, Associates’ Distinguished Lectureship, 1984-1985.

“The Subalternate Sciences in Fourteenth- and Fifteenth-Century Commentaries on the *Sentences*,” University of Oklahoma, College of Arts and Sciences, Summer Fellowship, 1985 (\$3500).

“The Subalternate Sciences in Fourteenth- and Fifteenth-Century Commentaries on the *Sentences*,” National Endowment for the Humanities, Travel to Collections Program, 1985 (\$500).

“The Subalternate Sciences in Fourteenth- and Fifteenth-Century Commentaries on the *Sentences*,” St. Louis University, Vatican Film Library, Andrew W. Mellon Fellowship Program, 1985 (\$1640).

“The Cultural Context of Western Religion,” Oklahoma Foundation for the Humanities, Public Lecture Grant, 1985 (\$994).

University of Oklahoma, Associates’ Distinguished Lectureship, 1985-1986.

“John of Reading on the Subalternation of the Sciences,” University of Oklahoma, Research Council, Travel Fund Grant, 1986 (\$1564).

“John of Reading on the Subalternation of the Sciences,” University of Oklahoma, Research Council, Junior Faculty Summer Fellowship, 1986 (\$3500).

“John of Reading on the Subalternation of the Sciences,” American Philosophical Society, Travel Fellowship, 1986 (\$1435).

American Council of Learned Societies, Travel Grant, 1987 (\$650).

“Scientific Disciplines in Late-Medieval Commentaries on the *Sentences*,” National Science Foundation, 1987-1988 (\$18000).

“Scientific Disciplines in Late-Medieval Commentaries on the *Sentences*,” Fulbright Commission Grant-in-Aid, 1988-1989. Oxford, UK (£5500).

University of Oklahoma, Associates’ Distinguished Lectureship, 1988-1989.

“Scientific Disciplines in Late-Medieval Commentaries on the *Sentences*,” National Science Foundation, Program for Long- and Medium-Term Research at Foreign Centers of Excellence, 1988-1990 (\$12,381).

“Western Assimilation and Transformation of Classical and Islamic Science,” Project co-Director, Rockefeller Foundation Postdoctoral Fellowship Program in the Humanities, 1991-1993 (\$155,000).

“The Subalternate Sciences in Late Medieval Viennese and Italian Commentaries on the *Sentences*,” Oklahoma Foundation for the Humanities, 1990 (\$500).

“The Subalternate Science in Late Medieval Bolognese Commentaries on the *Sentences*,” St. Louis University, Vatican Film Library, Andrew W. Mellon Fellowship Program, 1990 (\$586).

“The Subalternate Sciences in Late Medieval Viennese and Italian Commentaries on the *Sentences*,” Southwestern Bell Fellowship in the Humanities, 1990 (\$5,000).

“A Prosopographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” Oklahoma Foundation for the Humanities, (\$500, with matching support from Arts and Sciences and Research Administration).

“Tradition, Transmission, Transformation: Cultural Exchange in the Premodern World,” Oklahoma Foundation for the Humanities (\$3727).

“A Prosopographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” University of Oklahoma Research Council 1993 (\$3586).

Directeur de recherche associé, Université de Paris I et Centre National de la Recherche Scientifique, 1993-1994 (115,616 FF).

“A Prosopographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” The British Academy, Neil Ker Memorial Fellowship, 1994-1995 (£500).

“Historical Computing and the History of Science,” Faculty Enrichment Grant Program, College of Arts and Sciences, 1994-95 (\$1000).

“A Prosopographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” Research Council, University of Oklahoma, 1996 (\$1963).

“Scientific Imagery in the Classroom: A Database of Images from the History of Science Collections,” Technology for Learning Improvement Program, University of Oklahoma (with M. B. Ogilvie) (\$6618).

“A Prosopographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” Andrew W. Mellon Foundation Travel Fellowship, St. Louis University, 1997 (\$350).

Funds to upgrade computer software (\$1500) and to purchase a new notebook computer (\$2589), University of Oklahoma, Research Council and College of Arts and Sciences, 1997-98.

“A Prosopographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” NEH Fellowship for University Teachers, 1998-99 (\$30,000).

“A Biographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” OU Research Council, May 1998 \$2594 (funds to be used for travel to Poland and the Czech Republic, and for microfilm).

Presidential International Travel Fellowship, University of Oklahoma, April 1998 \$1000.

College of Arts and Sciences, Faculty Enrichment Grant, University of Oklahoma, January 2000 \$1000.

“A Biographical Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*: Manuscript Research in Oxford Libraries” University of Oklahoma, Research Council, August 2000 \$943.

“Short-Term Travel Fellowship Program, The History of Science Collections,” Andrew W. Mellon Foundation, 2000-2004 (with M. B. Ogilvie) (\$49,000).

“James of Sicily’s *Commentum et Quaestiones in Libros De Anima et Metheororum*: A Study of Oxford, Bodleian Library Canon. misc. 424” University of Oklahoma, Research Council, July 2001 \$995.

“James of Sicily’s *Commentum et Quaestiones in Libros De Anima et Metheororum*: A Study of Oxford, Bodleian Library Canon. misc. 424” British Academy, Neil Ker Fellowship, July 2001 £600.

“Intellectuals Outside the Walls: Petrus Quentin de Ortenberg, Aristotle’s *Physics* and the Papal Court” College of Arts and Sciences, Faculty Enrichment Grant, University of Oklahoma, November 2001 \$1000; University of Oklahoma, Research Council, June 2002 \$902.

“Participation in the Tenth International Medieval Congress, Leeds, 14-17 July 2003; Manuscript and Archival Research in Oxford and Edinburgh,” College of Arts and Sciences, Faculty Enrichment Grant, University of Oklahoma, November 2002 \$1000; Presidential International Travel Fellowship, April 2003 \$1000.

“Commbase: An Electronic Database of Medieval Commentators on Aristotle and the *Sentences*: Manuscript and Archival Research in Oxford and Edinburgh,” Huntington Library-British Academy Fellowship for Study in Great Britain, July 2003 £1350.

“Short-Term Travel Fellowship Program, The History of Science Collections,” Andrew W. Mellon Foundation, Endowment funding beginning in 2005 (with M. B. Ogilvie) (\$300,000).

“Manuscripts and Machines: A Database of Medieval Commentators on Aristotle and Peter Lombard’s *Sentences*,” Fulbright Commission Grant-in-Aid, Paris, 2005-2006 (10,700 €).

“Medieval Commentaries on the *Sentences* and the Monastic Library of Saint-Bertin,” The Bibliographical Society (Cambridge University), July 2012 (£1,500).

“Medieval Commentaries on the *Sentences* and the Monastic Library of Saint-Bertin,” University of Oklahoma, Faculty Investment Program, June-July 2013 (\$3778).

“The Reconstruction of the Monastic Library of Saint-Bertin,” Fulbright Commission Grant-in-Aid, Nord-Pas-de-Calais Regional Program, 2014-2015 (12,400 €).

“University Instruction in the Middle Ages: Saint-Bertin and Louvain in the Fifteenth Century,”
University of Oklahoma, Faculty Investment Program, 2017 (\$5301.38).

“A New Manuscript of Gerbert of Aurillac’s *Epistola ad Constantinum*. Observing the Heavens at the
Benedictine Monastery of Saint-Bertin,” Gerda Henkel Stiftung, 2019 (8,132.17 €).

RESEARCH INTERESTS:

History of Science in the Middle Ages; Formation of Scientific Disciplines; History of Medieval
Universities; Palaeography and the Transmission of Texts.

PUBLICATIONS:

Doctoral dissertation

“*Metabasis*: The Interrelationship of the Sciences in Antiquity and the Middle Ages,” 2 volumes, x +
741 pp., 1982 (Director: Amos Funkenstein, The University of California, Los Angeles and Tel
Aviv University).

Books

*Theology and Science in the Fourteenth Century: Three Questions on the Unity and Subalternation of the Sciences from
John of Reading’s Commentary on the Sentences*, edition and critical commentary. Leiden: E. J. Brill,
1989.

Antonius de Carlenis, OP, *Four Questions on the Subalternation of the Sciences*, edited, with a critical
introduction and translation. [American Philosophical Society’s *Transactions* 84,4] Philadelphia:
American Philosophical Society 1994.

Medieval Science, Technology, and Medicine: An Encyclopaedia, ed. Thomas F. Glick, Steven J. Livesey, Faith
Wallis. London: Routledge 2005, 2nd edition 2016.

Guillelmi de Ockham, Brevis summa libri Physicorum. A Transcription of Saint-Omer, Bibliothèque d’Agglomération,
MS 317, 44ra-61vb. ShareOK <https://shareok.org/handle/11244/299775> (2018).

Science in the Monastery: Texts, Manuscripts and Learning at Saint-Bertin. Turnhout: Brepols, 2020.
Manuscript catalogue of 90 volumes from the Saint-Bertin library, now in Boulogne-sur-Mer,
Bibliothèque Municipale and Saint-Omer, Bibliothèque d’Agglomération du Pays de Saint-Omer,
with an introduction discussing the formation of the library and the use of books at the
Benedictine house of Saint-Bertin.

Journal Articles and Book Chapters

“Mathematics *iuxta communem modum loquendi*: Formation and Use of Definitions in William of
Heytesbury’s *De motu locali*,” *Comitatus* 10(1979) 9-20.

“Nimrod the Astronomer,” *Traditio* 37(1981) 203-266 (with Richard H. Rouse).

“William of Ockham, the Subalternate Sciences, and Aristotle’s Theory of *metabasis*,” *British Journal for
the History of Science* 18(1985) 127-145.

“The Oxford *Calculatores*, Quantification of Qualities, and Aristotle’s Prohibition of *metabasis*,”
Vivarium 24(1986) 50-69.

- “Proportions in Late-Medieval Universities: An Examination of Two Treatises,” *Revue d'histoire des textes* 16 (1986) 283-310.
- “Science and Theology in the Fourteenth Century: the Subaltern Sciences in Oxford Commentaries on the *Sentences*,” *Synthese* 83(1990) 273-292.
- “John of Reading on the Subalternation of the Sciences,” *Knowledge and Science in Medieval Philosophy. The Proceedings of the Eighth International Congress of Medieval Philosophy (SIEPM), Helsinki, 24-29 August 1987*, ed. R. Työrinoja, A. I. Lehtinen, D. Føllesdal. Helsinki: Société Philosophique de Finlande, 1990.
- “Robert Graystones O.S.B. on the Subalternation of Sciences,” *Recherches de théologie ancienne et médiévale* 61(1994) 236-272.
- “Unique Manuscripts and Medieval Productivity: How Shall We Count?” in *Computing Techniques and the History of Universities*, ed. Peter Denley. *Halbgraue Reihe zur historischen Fachinformatik*, A30. St. Katharinen 1996. pp. 65-85.
- “*De viris illustribus et mediocribus*: A Biographical Database of Medieval Franciscan Commentators on Aristotle and Peter Lombard’s *Sentences*,” *Franciscan Studies* 56(1998) 203-237.
- “Scientific Writing in the Latin Middle Ages,” in *Scientific Books, Libraries and Collectors*, ed. Andrew Hunter. 4th edition. Aldershot: Ashgate 2000. pp. 72-98.
- “*Lombardus electronicus*: A Biographical Database of Mediaeval Commentators on Peter Lombard’s *Sentences*,” in *Medieval Commentaries on the Sentences of Peter Lombard. Current Research. vol. 1*, ed. Gillian R. Evans. Leiden: E. J. Brill, 2002. pp. 1-23.
- “Medieval Latin Aristotle Commentators: Addenda and Biographical Precisions,” *Bulletin de philosophie médiévale* 43(2001) 95-132.

Entries for: Abbo Floriacensis, Adamus Easton, Aegidius Carlerii, Aegidius Fabri de Bruxella, Alanus de Rupe Brito, Alanus Linnensis, Albericus de Monte Cassino, Albertus de Brudzewo, Albertus Engelschalk, Albertus Krantz, Albertus Magnus, Alcuinus, Alfonsus de Ulispona, Alphonsus a Sancta Maria, Ambrosius de Cori, Andreas de Biliis, Andreas Ruczel de Costen, Antonius Cittadinus a Faventia, Antonius de Carlenis, Antonius de Sancto Nazario, Antonius Trombeta, Augustinus Triumphus de Ancona, Baptista de Finario, Bartholomaeus Arnoldi de Usingen, Bartholomaeus de Bregantiis, Bartholomaeus de Brugis, Bartholomaeus de Jaslo, Bartholomaeus de Sancto Concordio, Bartholomaeus Pisanus, Bernardus de Alvernia, Bernardus de Trilia, Bernardus Oliverii, Bertholdus Jodocus de Glucholazow, Bertholdus Puchhauser de Ratisbona, Bertrandus de la Tour, Christianus Tiendorfer de Huerben, Conradus de Hallis, Conradus de Megenberg, Conradus de Monte Puellarum, Conradus Summenhart, Conradus Wimpina, Dominicus de Dominicis, Donatus Acciaiolus, Elias Hebraeus Cretensis, Erhardus Knab, Fernandus de Cordoba, Franciscus Philephus, Franciscus Sampson Nanis, Gabriel Biel, Gabriel Zerbus, Galfredus de Aspala, Gaufridus Clavallensis, Georgius Nigri, Gerardus Odonis, Guericus de Sancto Quintino, Guillelmus Anglicus, Guillelmus Becchi, Guillelmus Butlerus, Guillelmus de Aragonia, Guillelmus de Falgar, Guillelmus de Hothum, Guillelmus Gregorius, Guillelmus Textor, Guillelmus Anglicus, Guillelmus Penbygull, Hadrianus VI, Helmoldus de Soltwedel, Henricus Bock, Henricus de Embecke de Nanexen, Henricus de Zoemeren, Henricus Platerburger, Henricus Riettmuller de Liechstal, Henricus Ryen, Hermannus Etzen, Heymericus de Campo, Hugo Bentius, Hugo Rothomagensis, Jacobus de Forlivio, Jacobus de Gostynin,

Jacobus de Sicilia, Jacobus Veneticus, Jodocus Weiler de Heilbronn, Johannes Bate, Johannes Bernier de Fayt, Johannes Brasiator de Frankenstein, Johannes Briselotus, Johannes de Berwick, Johannes de Borotin, Johannes de Braculis, Johannes de Glogovia, Johannes de Gmunden, Johannes de Limoges, Johannes de Muntisol, Johannes de Pershore, Johannes de Reading, Johannes de Regina de Neapoli, Johannes de Sancta Fide, Johannes de Sicilia, Johannes de Stobnicza, Johannes de Wasia, Johannes Goldestonus, Johannes Gulde, Johannes Hennon, Johannes Hulshot de Mechlinia, Johannes Irland, Johannes Isner, Johannes Klenkok, Johannes Kynnyngham, Johannes Lagenator de Francofordia, Johannes Michaelis, Johannes Müntzinger, Johannes Ottonis de Munsterberg, Johannes Scharpe, Johannes Stamberius, Johannes Stanificus de Gosselies, Johannes Stedler de Landshut, Johannes Tarteys, Johannes Tomsonus, Lambertus de Monte Domini, Laurentius de Ratibor, Magninus Mediolanensis, Magnus Hundt, Mahieu le Vilain, Martinus Biem de Olkusz, Martinus de Lancicia, Martinus Rentz de Wiesensteig, Matthaeus de Lapischino, Matthias de Colo, Matthias de Liegnitz, Matthias Doering, Menghus Blanchellus Faventinus, Michael de Massa, Michael de Wratislavia, Michael Scotus, Nicolaus Eymericus, Nicolaus Grabostowski, Nicolaus Leonicensis, Notker Labeo, Paulus Cortesius, Paulus de Worczyn, Paulus Wann, Petrus Aureoli, Petrus de Abano, Petrus de Osma, Petrus de Pulka, Petrus de Rivo, Petrus de Treysa, Petrus Gallego, Petrus Rode de Luneburg, Petrus Storch de Czwickau, Radulfus Brito, Richardus de Lavingham, Robertus Anglicus, Robertus de Alyngton, Robertus de Cricklade, Robertus Holcot, Sandivogius de Czechlo, Silvestro Mazzolini da Prierio, Simplicius Chamrer, Stanislaus de Dombrowka, Stephanus de Prettin, Stephanus Gaudet, Stephanus Patrington, Thomas Bradwardine, Thomas de Docking, Thomas de Strampino, Thomas Maldonus, Thomas Stubbs, Uthredus de Boldon, Wendelinus Steinbach, Wicboldus Sculte de Osnabrück. *International Encyclopaedia for the Middle Ages-Online* [http://www.brepolis.net/info_jeema_en.html] Brepols: Turnhout 2004-2008.

“*Accessus ad Lombardum*: The Secular and the Sacred in Medieval Commentaries on the *Sentences*,” *Recherches de philosophie et théologie médiévales* 72(2005) 153-174.

“James of Venice” (p. 282); “Lombard, Peter” (pp. 315-316); “Quadrivium” (pp. 431-432); “Scholasticism” (pp. 453-455); “Scientia” (pp. 455-458) in *Medieval science, technology, and medicine : an encyclopedia*, ed. Thomas F. Glick, Steven J. Livesey, Faith Wallis. London-New York: Routledge 2005.

“John of Reading,” “Richard Swineshead,” “William Heytesbury,” *The Continuum encyclopedia of British philosophy*, ed. A. C. Grayling, Andrew Pyle, Naomi Goulder. 4 volumes. Bristol: Thoemmes Continuum, 2006. pp. 1451-1452, 1680-1681, 3097-3098.

“Divine Omnipotence and First Principles: A Late Medieval Argument on the Subalternation of the Sciences,” in *Thinking Impossibilities: The Intellectual Legacy of Amos Funkenstein*, edited by Robert S. Westman and David Biale. Toronto: University of Toronto Press, 2008. pp. 13-33.

“*Nisi magnitudines numeri sint: the Posterior Analytics and measuring nature*” in *In Aristotelis analytica posteriora: estudos acerca da recepção medieval dos Segundos Analíticos*, ed. Alfredo Carlos Storck. Porto Alegre, Linus Editores, 2009. pp. 13-45.

“Medieval Commentaries on the *Posterior Analytics*” in *In Aristotelis analytica posteriora: estudos acerca da recepção medieval dos Segundos Analíticos*, ed. Alfredo Carlos Storck. Porto Alegre, Linus Editores, 2009. pp. 257-294.

“Pierre d’Allouagne and Saint-Omer, Bibliothèque de l’agglomération 504,” in *Portraits de Maîtres offerts à Olga Weijers*, ed. Claire Angotti, Monica Brînzei, Mariken Teeuwen. Porto: Fédération Internationale des Instituts d’Etudes Médiévales, 2012. pp. 381-392.

“Science in Medieval Universities,” *A Companion to the History of Science*, ed. Bernard Lightman. Chichester, UK; Malden, MA: Wiley Blackwell, 2016, pp. 181-195.

“Science in the Medieval Christian and Islamic Worlds,” in *The Oxford Illustrated History of Science*, ed. Iwan Rhys Morus. Oxford: Oxford University Press, 2017, pp. 72-107 (with Sonja Brentjes).

“A New Manuscript of Ockham’s *Brevis summa libri Physicorum*. Saint-Omer, Bibliothèque d’Agglomération, BA 317,” *Scriptorium* 72(2018) 276-292 (with Brent Purkaple).

“Monastic Library and University Classroom: the Scholar-Monks of Saint-Bertin,” *Die Bibliothek – The Library – La Bibliothèque*, ed. Andreas Speer and Lars Reuke. *Miscellanea mediaevalia* 41. Berlin: de Gruyter, 2020, pp. 189-205.

“A New Manuscript of Gerbert of Aurillac’s *Epistola ad Constantinum*. Observing the Heavens at the Benedictine Monastery of Saint-Bertin.” *Revue d’histoire des textes*, forthcoming in volume XVII (April 2022).

Current Projects in Preparation:

A Biographical Database of Commentators on Aristotle and the Sentences. Software application and data set; for information, see <http://www.ou.edu/class/mcd-sci/Commbase.htm>. To be published by Brepols, Turnhout.

“Innovation, Science and its Public Expression: The redefinition of fame and celebrity in medieval intellectual circles,” commissioned chapter in *A Cultural History of Fame in the Medieval Age*, ed. Francesco Migliorino (Bloomsbury Academic).

“A manuscript census of surviving copies of Aegidius Corboliensis, *Versus de urinis* and *Versus de pulsibus*.”

PUBLISHED ABSTRACTS OF PAPERS:

“Proportions in Late-Medieval Universities: An Examination of Two Treatises,” *Manuscripta* 30(1986) 11-12.

“John of Reading on the Subalternation of the Sciences,” *Knowledge and the Sciences in Medieval Philosophy. Abstracts of Papers, The Eighth International Congress of Medieval Philosophy, Helsinki, 24-29 August 1987*.

ELECTRONIC PUBLICATION OF PAPERS:

“Lombardus electronicus: Careers in the Arts and Theology Faculties Before 1500. Commentators on Peter Lombard’s Sentences and their University and Extra-University Lives,” XIX^e Congrès International des Sciences Historiques, Oslo, 10 August 2000, <http://www.oslo2000.uio.no/AIO/AIO16/group%201/Livesey.pdf>.

PRESENTATION OF PAPERS:

“Scientific Change, *metabasis*, and Medieval Disciplinary Structures,” Seventh Regional Conference on the History and Philosophy of Science, Boulder, Colorado, April 30, 1983.

- “The Oxford Calculators, the Quantification of Qualities, and Aristotle’s Prohibition of *metabasis*,” Nineteenth International Congress on Medieval Studies, Kalamazoo, Michigan, May 12, 1984.
- “Thomas Bradwardine and the Legitimacy of the Quantification of Motion,” History of Science Society Annual Meeting, Chicago, Illinois, December 30, 1984.
- “Proportions in Late-Medieval Universities: An Examination of Two Treatises,” Twelfth Saint Louis Conference on Manuscript Studies, Saint Louis, Missouri, October 12, 1985.
- “Commentary on Frederick Baumgartner, ‘Galileo’s French Correspondents,’” Eighth Mid-America Conference on History, Fayetteville, AR, September 11-13, 1986.
- “John of Reading on the Subalternation of the Sciences,” Eighth International Congress on Medieval Philosophy, Helsinki, Finland, August 24-29, 1987.
- “John of Reading on the Unity of Science,” History of Science Society Annual Meeting, Raleigh, NC, October 29-31, 1987.
- “Antonius de Carlenis OP on the Subalternation of the Sciences,” Seventeenth Saint Louis Conference on Manuscript Studies, Saint Louis, Missouri, October 12-13, 1990.
- “Divine Omnipotence and First Principles: A Late Medieval Argument on the Subalternation of the Sciences,” University of Oklahoma Medieval and Renaissance Faculty Colloquium, October 31, 1990; revised version presented at Twenty-seventh International Congress on Medieval Studies, Kalamazoo, Michigan, May 1992 and Centre d’histoire des sciences et des philosophies arabes et médiévales: Philosophie médiévale latine, Sciences et théologie au Moyen Age latin (méthodes et modes de connaissance). Paris, 3 March 1994.
- “Unique Manuscripts and Medieval Productivity: How Shall We Count?” Computing Techniques and the History of Universities: An International Workshop. Queen Mary and Westfield College, The University of London. 2 July 1994.
- “*De viris illustribus et mediocribus*: A Biographical Database of Medieval Franciscan Commentators on Aristotle and Peter Lombard’s Sentences,” Thirty-first International Congress on Medieval Studies, Kalamazoo, Michigan, May 1996.
- “Holding the Centre and Testing the Boundaries: Scientific Disciplines in the Late Middle Ages,” Third British-North American History of Science Meeting, Edinburgh, July 24, 1996.
- “A Biographical Database of Commentators on Aristotle and the *Sentences*,” Twenty-Fourth Saint Louis Conference on Manuscript Studies, Saint Louis, Missouri, 10-11 October 1997.
- “Commbase: Collective Biography and Teaching the Middle Ages,” History of Science Society Annual Meeting, Kansas City, 23 October 1998.
- “Une base de données sur les commentateurs d’Aristote et de Pierre Lombard,” Seminar presented at Biblioteka Jagiellońska, Czytelnia Rękopisów, 24 February 1999 (in French and English, with Polish translation by Zofia Wlodek).
- “*Lombardus electronicus*: Careers in the Arts and Theology Faculties before 1500. Commentators on Peter Lombard’s *Sentences* and their University and Extra-University Lives” Transformation and

Continuity in the History of Universities, International Commission for the History of Universities. XIX^e Congrès International des Sciences Historiques, Oslo, 10 August 2000.

“Medieval Latin Aristotle Commentators: Addenda and Biographical Precisions from Oxford, Bodleian Library, Canon. misc. 424 and Florence, BN Centrale, Conv. Soppr. A.5.563,” 28th Annual Conference on Manuscript Studies, St. Louis University, October 12-13, 2001.

“A Biographical Database of Commentators on Aristotle and the *Sentences*,” Tenth International Medieval Congress, Leeds 14-17 July 2003.

“The Fortunes of Academic Life in the Middle Ages: Jean Buridan and Pierre d’Allouagne” History of Science Department Colloquium, 6 April 2012.

“Pierre d’Allouagne and Saint-Omer, Bibliothèque de l’agglomération 504,” International Medieval Meeting Lleida, 26-29 June 2012.

“Monastic Library and University Classroom: the Scholar-Monks of Saint-Bertin,” 41. Cologne Mediaevistentagung, ‘The Library: Spaces of Thought and Knowledge Systems,’ Universität Köln, Thomas-Institut, 10-14 September 2018.

INVITED LECTURES:

“Is Theology a Science? The Subalternate Sciences in Early Fourteenth-Century Commentaries on the *Sentences*,” The Medieval Social and Cultural Order: Images and Realities, a Symposium at Rice University, February 14-15, 1986.

“Science and Theology in the Fourteenth Century: The Subalternate Sciences in Oxford Commentaries on the *Sentences*.” Pierre Duhem, Historian and Philosopher of Science, a Symposium at Virginia Polytechnic Institute and State University, 16-18 March 1989.

“Unique Manuscripts and Medieval Productivity,” Livre, Manuscrit et Société (X^e-XVI^e siècle). Université de Paris I [Sorbonne], maîtrise, DEA. 3 February 1994.

“A Biographical Database of Commentators on Aristotle and the *Sentences*: Problems in Data Collection and Queries,” Philosophisch Instituut, Katholieke Universiteit Nijmegen, The Netherlands, 17 March 1994.

“Une base de données sur les commentateurs d’Aristote et de Pierre Lombard,” Institut de Recherche et d’Histoire des Textes, Paris, 21 June 1994.

“*Accessus ad Lombardum*. The Secular and the Sacred in Medieval Commentaries on the *Sentences*,” Plenary Lecture, Fourteenth Annual Conference of the Texas Medieval Association, 17-18 September 2004.

“Paper and Electronic Reference Publications in History of Science – Personal Reflections,” Philosophisch Instituut, Radboud University Nijmegen, 10 February 2006.

“Divine Omnipotence and First Principles: Mental Habits, Disciplinary Structures and the Subalternation of the Sciences,” The Medieval Institute, Western Michigan University, 28 March 2007.

- “The Present and Future of Medieval Studies: Opportunities for Future Development,” The Medieval Institute, Western Michigan University, 29 March 2007.
- “*Nisi magnitudines numeri sint: the Posterior Analytics and measuring nature*,” The Temper of Evidence, From Antiquity through the 18th Century, California Institute of Technology, 23 May 2009.
- “Cross-Cultural Studies of Scholasticism and the Legacy of George Makdisi,” Norwegian Museum of Science, Technology, and Medicine, 23 October 2013.
- “Science and the *Sentences*, or What Does Athens have to do with Paris?” Second Annual THESIS Meeting for Reading Medieval Manuscripts. Paris, Institut de Recherche et d’Histoire des Textes, 24 November 2014.
- “Books, Scholars and Libraries in the monastic world: Saint-Bertin in the late middle ages,” Kātip Chalabi: Bibliography and the Classification of Knowledge in Islamic Civilization (Past and Future). Istanbul, İSAM Konferans Salonu, 6-8 March 2015.
- “Late-medieval pedagogy and the manuscript tradition,” Science Teaching in Pre-modern Contexts, Montréal, McGill University, 24-26 May 2018.
- “Medical texts in the Middle Ages: production, dissemination, usage, transmission,” Exploring the medical manuscripts of the Bibliotheca Amploniana. Perspectives of research and cataloguing (Die medizinischen Handschriften der Bibliotheca Amploniana. Perspektiven ihrer Erforschung und Erschließung). Workshop at the University of Erfurt, 20 and 21 October 2022.

REVIEWS:

- Review of *Commentaire du Dialogue de Placides et Timeo: Une vision du monde à la fin du XIII^e siècle*, by Claude Thomasset. Geneva: Librairie Droz, 1982.
In *Isis* 74(1983) 444.
- Review of *Prelude to Galileo: Essays on Medieval and Sixteenth-Century Sources of Galileo’s Thought*, by William A. Wallace. Dordrecht and Boston: D. Reidel, 1981.
In *Journal of the History of Philosophy* 22(1984) 474-476.
- Review of *The Seven Liberal Arts in the Middle Ages*, ed. by David L. Wagner. Bloomington, Indiana: Indiana University Press, 1983.
In *Isis* 76(1985) 121-123.
- Essay Review of Pierre Duhem, *Medieval Cosmology. Theories of Infinity, Place, Time, Void, and the Plurality of Worlds*, edited and translated by Roger Ariew. Chicago: University of Chicago Press, 1985.
In *Science in Context* 1(1987) 363-370.
- Review of *Pseudo-Aristotle in the Middle Ages. The Theology and Other Texts*, edited by Jill Kraye, W. F. Ryan and C. B. Schmitt. London: The Warburg Institute, 1986.
In *Isis* 78(1987) 485-486.
- Review of William J. Courtenay, *Schools and Scholars in Fourteenth-Century England*. Princeton: Princeton University Press 1987.
In *Isis* 79(1988) 720-721.
- Review of *The Cambridge History of Later Medieval Philosophy*, ed. Norman Kretzmann, Anthony Kenny,

- Jan Pinborg. Cambridge: Cambridge University Press 1982.
In *Isis* 80(1989) 687-688.
- Review of Roger Bacon, *Compendium of the Study of Theology*, ed. and trans. Thomas S. Maloney. Leiden: E. J. Brill 1988.
In *Isis* 82(1991) 123-124.
- Review of Walter Chatton, *Reportatio et Lectura super Sententias: Collatio ad Librum Primum et Prologus*, ed. Joseph C. Wey, CSB. Toronto: Pontifical Institute of Mediaeval Studies 1989.
In *Speculum* 67(1992) 647-648.
- Review of Dales, Richard C. *The Intellectual Life of Western Europe in the Middle Ages*. Second revised edition. Leiden/New York: E. J. Brill, 1992.
In *Isis* 85(1994) 308-309.
- Review of Radding, Charles M. and William W. Clark, *Medieval Architecture, Medieval Learning. Builders and Masters in the Age of Romanesque and Gothic*. New Haven/London: Yale UP 1992.
In *American Historical Review* 98(1993) 1585-1586.
- Review of Folkerts, Menso and Andreas Kühne (Editors), *The Use of Computers in Cataloging Medieval and Renaissance Manuscripts*. [Algorismus, 4] Munich: Institut für Geschichte der Naturwissenschaften, 1990.
In *Isis* (with Shawn Smith) 85(1994) 558-559.
- Review of Mayo, Hope (Editor), *MARC Cataloging for Medieval Manuscripts*. Chicago: American Library Association, 1991.
In *Isis* (with Shawn Smith) 85(1994) 558-559.
- Review of Stevens, Wesley M. (Editor), *Bibliographic Access to Medieval and Renaissance Manuscripts: A Survey of Computerized Data Bases and Information Services*. Binghamton, N.Y./London: Haworth Press, Inc., 1992.
In *Isis* (with Shawn Smith) 85(1994) 558-559.
- Review of Grant, Edward, *God and Reason in the Middle Ages*. New York: Cambridge University, 2001.
In *Isis* 94(2003) 364.
- Review of Zupko, Jack *John Buridan: Portrait of a Fourteenth-Century Arts Master*. 450 pp., bibl. Index. Notre Dame, Indiana: University of Notre Dame Press, 2003.
In *Isis* 95(2004) 111-112.
- Review of Lohr, Charles H., *Latin Aristotle Commentaries. V. Bibliography of Secondary Literature*, [Corpus Philosophorum Medii Aevi. Subsidia, 15] Firenze : SISMEL-Edizioni del Galluzzo, 2005.
In *Early Science and Medicine* 12(2007) 446.
- Review of Gouguenheim, Sylvain, *Aristote au Mont-Saint-Michel: Les racines grecques de l'Europe chrétienne*. [L'Univers Historique] Paris: Seuil, 2008.
In *Isis* 100(2009) 648-650.
- Essay Review of Goyens, Michèle, Pieter De Leemans, and An Smets edd., *Science Translated: Latin and Vernacular Translations of Scientific Treatises in Medieval Europe*. [Mediaevalia Lovaniensia, Series 1/Studia 40] Leuven: Leuven University Press, 2008.
In *Aestimatio* 7(2010) 69-77.

Review of Grant, Edward, *The Nature of Natural Philosophy in the Late Middle Ages*. Washington, DC: The Catholic University of America Press, 2010.
In *Review of Metaphysics* 65(2010) 145-148.

Review of Segre, Michael, *Higher Education and the Growth of Knowledge: A Historical Outline of Aims and Tensions*. New York and London: Routledge, 2015.
In *History of Universities* 30(2017) 304-308.

Review of Zachary A. Matus, *Franciscans and the Elixir of Life. Religion and Science in the Later Middle Ages*. Philadelphia: University of Pennsylvania Press, 2017.
In *Revue d'Histoire ecclésiastique* 116(2021) 97-99.

PROFESSIONAL ACTIVITIES AND SERVICES

Publication submission referee for various journals (e.g., *Isis*, *Speculum*) and university or other academic presses (e.g., St. Martins Press, University of Toronto Press).

Proposal referee for various agencies and foundations (e.g., National Science Foundation, National Endowment for the Humanities, Canadian Social Sciences and Humanities Research Council).

Panel member, NEH Collaborative Research, 2009.

Panel member, NEH Fellowship Programs at Independent Research Institutions [FPIRI], 2013.

External site visitor, NEH Fellowship Programs at Independent Research Institutions [FPIRI], New York Academy of Medicine, 2015.

Panel member, NEH Fellowship Program, 2018.

Panel member, NSF Graduate Research Fellowships Program, 2005.

External reviewer for tenure/promotion (University of Notre Dame, Texas Tech, Oakland University).

Membre du Réseau International, Acta Artistarum, La Haye-Paris, 1993-2012.

Vice-président, Les amis de l'Institut de Recherche et d'Histoire des Textes (2005-2011).

Editorial Board member, *Memoria d'inchiostrò* (Mauro Bonanno Editore, Catania-Rome).

Advisory Board member, *Journal for the History of Arabic Science* (Aleppo).

Member, History of Science Society, Committee on Honors and Prizes (2003-2006).

Delivered the Sarton Medalist Citation at 2005 Annual Meeting of History of Science Society.

Co-Program Chair, History of Science Society Annual Meeting, Denver, November 2001.

Chair, History of Science Society Bibliographer Search Committee, Fall 2001.

Project co-Director, Rockefeller Foundation Postdoctoral Fellowship Program in the Humanities, 1991-1993.

Section Chair, 1330-1360, SIEPM project to revise and augment Friedrich Stegmüller's *Repertorium commentariorum in Sententias Petri Lombardi*, 2010- .

UNIVERSITY SERVICE

Campus Departmental Review Panel, 1997 – 1998.

Employee Benefits Committee, Member, 1985 – 1988, 2008 – 2009.

Faculty Senate Committee on Renewable Term Faculty, 2003 – 2004.

Faculty Senate, Member 2006 – 2009; Member of the Small Executive Committee of the Faculty Senate 2007 – 2008; Member 1997 – 1998; Member, 1990 – 1992; Member, 1985 – 1988.

University of Oklahoma Humanities Center, member, Board of Directors, 1994 – 1996.

University of Oklahoma Medieval-Renaissance Studies Center, member, Board of Directors, 1989 – 2017.

University of Oklahoma, Faculty Appeals Board, 1991 – 1992.

University of Oklahoma, Honors Council, member 1987 – 1988.

College of Arts and Sciences

Academic Appeals & Misconducts Committee, 2000 – 2001.
Academic Misconduct Board, 1990 – 2017.
Ad Hoc Committee on Research Integrity, 2002 – 2003.
Ad Hoc Committee on Web Policy, 1996 – 1997.
Burr Chair in Letters search committee member, 1994 – 1995.
Dean's Tenure and Promotion Review Committee, 1990 – 1991.
Executive Committee, 2008-2010 (Chair, 2009 – 2010); 2001 – 2003 (Chair, 2002 – 2003).
General Education Committee, 1984 – 1988, 1991 – 1992.
Information Technology Committee, 2011 – 2013.
School of Library and Information Studies Director Search Committee member, 1999 – 2000, 2009 – 2010.
University Libraries and Department Search Committee member, 1989 – 1990.

Department of the History of Science

Department Chair, January – June, 1988 (interim Chair); 1994 – 1995 (Interim Chair); 1995 – 1997; July 1999 – June 2013.
Committee A, 1990 – 1992, 1994 – 1997, 1999 – 2005, 2006 – 2013, 2015 – 2017.
Graduate Admissions Coordinator, Fall 2007 – 2013.
Graduate Studies Committee member 2007 – 2013.
Undergraduate Studies Committee member, 2007 – 2013.
Organizational Support Committee member, 2007 – 2013.
Andrew W. Mellon Short-Term Travel Fellowship Selection Committee, 2000 – 2013.
Department Faculty Search Committees: Chair, Premodern Faculty Search Committee, 2006 – 2007; Chair, Faculty Search Committee, 2000 – 2001; Chair, Senior faculty search committee, 1994 – 1995; Chair, Junior faculty search committee, 1994 – 1995; member of search committee, 1990 – 1991.
Coordinator, Graduate Program Assessment, 2007 – 2008.
Graduate Advisor, 1985 – 1986, 1989 – 1992, 2000 – 2005.
Coordinator, Departmental Program Review, 2000 – 2001.
Co-Coordinator, Departmental Fiftieth Anniversary Symposium, 1999 – 2000.
Editor, *Discorsi*, 1994 – 2000.
Departmental Webmaster, 1994 – 1998.
Coordinator, Symposium “Tradition, Transmission, Transformation: Classical Mathematics in Islamic and Western Occidental Cultural Contexts” 6-7 March 1992.