

Curriculum Vitae

Francesca Rochberg,
Catherine and William L. Magistretti Distinguished Professor of Near Eastern
Studies
Department of Near Eastern Studies
Office for the History of Science and Technology
Graduate Group in Ancient History and Mediterranean Archaeology
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EDUCATION

Ph.D. (with honors) Department of Near Eastern Languages and Civilization,
University of Chicago
B.A. (summa cum laude) Department of Oriental Studies, University of
Pennsylvania

ACADEMIC APPOINTMENTS

2018 Visiting Scholar, Max Planck Institute for the History of Science, Berlin
(MPIWG), 1 May - 31 July 2018
2016 Topoi Excellence Cluster Topoi, Freie Universität Berlin, 1 May- 31 July
2016
2013-14 Visiting Research Scholar, Institute for the Study of the Ancient World,
NYU.
2010 Research Professorship, Institut für Assyriologie und Hethitologie, Ludwig-
Maximilian Universität, München
2010-- Senior Fellow, Institute for the Study of the Ancient World, NYU.
2007-- Graduate Group in Ancient History and Mediterranean Archaeology,
University of California, Berkeley
2007-- Catherine and William L. Magistretti Distinguished Professor of Near
Eastern Studies, Department of Near Eastern Studies and the Office for the
History of Science and Technology, University of California, Berkeley
1994 Professor, Department of History, University of California, Riverside
1990 Associate Professor, Department of History and Program in the History and
Philosophy of Science, University of Notre Dame
1989-1990 Visiting Fellow, Yale University, Department of History of Science
1987-1990 Assistant Professor, Department of History and Program in the History

and Philosophy of Science, University of Notre Dame
 1985-1986 Visiting Scholar, Universität Tübingen, Altorientalisches Seminar
 1980-1987 Research Associate, Oriental Institute, University of Chicago,
 Assyrian Dictionary Project
 1980 Lecturer, Oriental Institute, University of Chicago

GRANTS, FELLOWSHIPS, AWARDS and HONORS

2018 Visiting Scholar, Max Planck Institute for the History of Science, Berlin
 2017—Senior Fellow, Topoi Excellence Research Group Space of Nature,
 Humboldt-Universität zu Berlin
 2016 Visiting Fellowship, Excellence Cluster TOPOI, Freie Universität Berlin
 2013-14 Visiting Research Scholar, Institute for the Study of the Ancient World,
 NYU.
 2013 The Darwin College Lecture Series, Cambridge University
 2012 A.K. Grayson Lecture on Assyrian History and Culture, Canadian Society
 for Mesopotamian Studies, University of Toronto, March 14, 2012
 2012 Townsend Center for the Humanities, Collaborative Research Seminar (with
 Carolyn Merchant), Spring 2012
 2011 Visitor, Institute for Advanced Study, Summer Visitorship
 2010 Member, International Academy for the History of Science
 2010 Fellow, Center for Advanced Studies, Ludwig-Maximilian Universität,
 München
 2010 Leon Levy Lecturer, Institute for the Study of the Ancient World, NYU
 2008 Member, American Philosophical Society
 2007 Member, Princeton, Institute for Advanced Study, School of Historical
 Studies
 2007– Fellow, Institute for Research in Classical Philosophy and Science
 2007 Nebenzahl Lecturer, The Newberry Library, Chicago
 2006 Visiting Fellow, Magdalen College, Oxford
 2005 Webster Lecturer, Archaeological Institute of America
 2004 Fellow, Center for Ideas and Society, University of California, Riverside
 1999 John Frederick Lewis Award for *Babylonian Horoscopes* (American
 Philosophical Society, 1998)
 1996 Michael Polanyi Visiting Lecturer in the History and Philosophy of Natural
 Science, University of North Carolina Chapel Hill.
 1993-94 John Simon Guggenheim Memorial Foundation Fellowship
 1988-1993 Research Associate for NEH Grant "Early Hellenistic Astronomy"
 Institute for Research in Classical Philosophy and Science, Alan Bowen, Dir.
 1982-1987 John D. and Catherine T. MacArthur Fellowship
 1974 Phi Beta Kappa

PROFESSIONAL MEMBERSHIPS

American Philosophical Society (elected 2008)
 American Oriental Society
 American Historical Association
 History of Science Society
 American Schools of Oriental Research
 Archaeological Institute of America
 The Oriental Institute, University of Chicago
 International Association for Assyriology
 International Academy for the History of Science (elected 2010)
 Commission on History of Ancient and Medieval Astronomy (CHAMA)

JOURNAL, SERIES EDITORIAL, and INSTITUTE BOARD MEMBERSHIPS

Co-Editor (with Alan C. Bowen) *Aestimatio* (Institute for Research in Classical Philosophy and Science IRCPS)
 Co-Editor (with Alan C. Bowen) *Interpretatio* (IRCPS)
 Editorial Board Member *Philosophia Antiqua*
 Editorial Board Member *Journal of Ancient Near Eastern History* (JANEH)
 Editorial Board Member *KNOW: A Journal on the Formation of Knowledge*
 Editorial Board Member Ancient Magic and Divination, Brill/Styx
 Editorial Board Member The Geography of Knowledge in Assyria and Babylonia, Dept of History and Philosophy of Science, Cambridge University
 Member, External Faculty Group, Institute on the Formation of Knowledge, University of Chicago
 Advisory Board Member, *Journal for the History of Astronomy*
 Advisory Board Member, *Distant Worlds Journal*
 Editorial Board Member, Harvard Semitic Museum Publications
 Editorial Board Member, Series *Ancient Cultures of Knowledge*, Mohr Siebeck (Tübingen)

List of Publications**BOOKS**

1. 1987 (editor) *Language, Literature and History: Philological and Historical Studies Presented to Erica Reiner* (New Haven, CT: American Oriental Society, American Oriental Series vol. 67, 1987).
2. 1988 *Aspects of Babylonian Celestial Divination: The Lunar Eclipse Tablets of Enūma Anu Enlil*, Archiv für Orientforschung Beiheft 22 (Horn: Ferdinand

Berger und Söhne, 1988).

3. 1998 *Babylonian Horoscopes*, Transactions of the American Philosophical Society Vol.88, Pt.1 (Philadelphia:American Philosophical Society, 1998)

Recipient of John Frederick Lewis Award from the American Philosophical Society, 1998

Selected Reviews:

David Brown in *Orientalia* 69 (2000), pp.122-125.

4. 2004 *The Heavenly Writing: Divination, Horoscopy and Astronomy in Mesopotamian Culture* (Cambridge and New York: Cambridge University Press, 2004), paperback edition (2007)

Selected Reviews:

<http://bmcr.brynmawr.edu/2005/2005-06-29.html>

<http://eprints.soas.ac.uk/6122/1/ReviewOfRobertEHerzstein.pdf>

William W. Hallo, in *American Historical Review* 111 (2006), pp.592-3

<http://www.jstor.org/stable/pdfplus/10.1086/ahr.111.2.592.pdf?acceptTC=true>

John North, "Stars of Stars," *Times Literary Supplement*, Sept. 2, 2005

J.M. Steele, *Isis* 96 (2005), pp.267-268

M.J. Geller, in *Archiv für Orientforschung* 52 (2011), pp. 272 - 274

Alexander Jones in *Journal for the History of Astronomy* 37 (2006), pp. 353-356.

5. 2010 *In the Path of the Moon: Babylonian Celestial Divination and Its Legacy, Studies in Ancient Magic and Divination*, (Leiden and Boston: E.J. Brill, 2010)

Selected Reviews:

Lorenzo Verderame, *Aestimatio* 8 (2011) 162-69

<http://www.ircps.org/publications/aestimatio/rreviews.htm>

Eleanor Robson, in *Isis* 102 (2011): 754-55

<http://www.jstor.org/stable/pdfplus/10.1086/664848.pdf?acceptTC=true>

Clemency Montelle, review in *JAOS* 133 (2013): 370-372

<http://www.jstor.org/stable/10.7817/jameroriesoci.133.2.0370>

Noel Swerdlow, "Babylonian Astronomy and Celestial Divination," review in *Journal for the History of Astronomy* 44 (2013): 98-100

<http://ezproxy.library.nyu.edu:15491/ehost/pdfviewer/pdfviewer?vid=3&sid=5b4f0345-d37f-4caa-b894-68482adca06a%40sessionmgr4002&hid=4101>

Henryk Drawnel, see

http://www.academia.edu/942861/Review_of_Francesca_Rochberg_In_the_Path_of_the_Moon_Babylonian_Celestial_Divination_and_Its_Legacy_Studies_in_Ancient_Magic_and_Divination_6_Leiden_Brill_2010_

6. 2016 *Before Nature: Cuneiform Knowledge and the History of Science* (Chicago and London: University of Chicago Press, 2016)

Selected Reviews:

Andrew Robinson, <http://blogs.sciencemag.org/books/2016/12/20/divining-science-a-new-tome-argues-that-the-ancient-babylonians-deserve-greater-recognition-in-scientific-histories/>

Kathryn Stevens, *Isis* 109 (2018), 162-3.

Hermann Hunger, *Journal for the History of Astronomy* 49 (2018), 129-130.

Carl E. Pace, *The Historian* 80 (2018), 258-59.

Lorenzo Verderame, *Bryn Mawr Classical Review* 2018.08.17

<http://bmcr.brynmawr.edu/2018/2018-08-17.html>

7. 2018 (co-edited with Alan C. Bowen) *Hellenistic Astronomy: The Science in Its Contexts* (forthcoming, Brill, 2018)

8. *The View from Somewhere: Worldmaking in Cuneiform Cultures* (in preparation)

CO-EDITED SERIES

Series Co-Editor with Alan C. Bowen: *Interpretatio: Sources and Studies in the History and Philosophy of Classical Science* (New York and London: Garland Publishing Inc.)

1. 1991 Alan C. Bowen ed., *Science and Philosophy in Classical Greece* (New York and London: Garland Publishing Inc., *Sources and Studies in the History and Philosophy of Classical Science* Vol. 2)

2. 1992 John Phillips Britton, *Models and Precision: The Quality of Ptolemy's Observations and Parameters* (New York and London: Garland Publishing Inc., *Sources and Studies in the History and Philosophy of Classical Science* Vol.1)

3. 1996 J.L. Berggren and R.S.D. Thomas, *Euclid's Phaenomena: A Translation*

and Study of a Hellenistic Treatise in Spherical Astronomy (New York and London: Garland Publishing Inc., *Sources and Studies in the History and Philosophy of Classical Science* Vol. 4)

JOURNAL ARTICLES and BOOK CHAPTERS

1. 1979 (with P.Zimansky) "The University of Iowa Cuneiform Texts," *Journal of Cuneiform Studies* 31 (1979), pp.127-148.
2. 1981 "Astronomy in the Ancient Near East," *Encyclopedia Miqraith* vol.8, pp.526-542 (in Hebrew).
3. 1982 "Fate and Divination in Mesopotamia," *Archiv für Orientforschung Beiheft* 19 (1982), pp.363-371.
4. 1983 "Stellar Distances in Early Babylonian Astronomy: A New Perspective on HS 229," *Journal of Near Eastern Studies* 42 (1983), pp.209-217.
5. 1983 libretto for George Rochberg, *Songs of Inanna and Dumuzi* (Bryn Mawr, PA: Theodore Presser Company, 1983).
6. 1984 "New Evidence for the History of Astrology," *Journal of Near Eastern Studies* 43 (1984), pp.115-140.
7. 1984 "Canonicity in Cuneiform Texts," *Journal of Cuneiform Studies* 36 (1984), pp.127-144.
8. 1987 "The Assumed 29th *ahû* Tablet of *Enûma Anu Enlil*," in *Language, Literature, and History: Philological and Historical Studies Presented to Erica Reiner*, F. Rochberg-Halton, ed. (1987), pp.327-350.
9. 1987 "Elements of the Babylonian Contribution to Hellenistic Astrology," *Journal of the American Oriental Society* 108 (1987), pp.51-62.
10. 1987 "TCL 6 13: Mixed Traditions in Late Babylonian Astrology," *Zeitschrift für Assyriologie* 77 (1987), pp.207-228.
11. 1988 "Benefic and Malefic Planets in Babylonian Astrology," in Erle Leichty; Pamela Gerardi; Abraham Sachs; Maria deJ Ellis, eds., *A Scientific Humanist: Studies in Memory of Abraham Sachs* (University of Pennsylvania, Phila., Pa), pp.319-324.

- 12.1988 "Naburimannu," in *Great Lives from History: Ancient and Mediaeval Series* (Salem Press, Englewood Cliff, N.J.), vol.3, pp.1439-1443.
- 13.1989 "Babylonian Seasonal Hours," *Centaurus* 32 (1989), pp.146-170.
- 14.1989 "Babylonian Horoscopes and Their Sources," *Orientalia NovaSeries* 58 (1989), pp.102-123 and pls.I and II.
- 15.1990 "Astronomy and Astrology and the Birth of Scientific Inquiry," *Bulletin of the Society for Mesopotamian Studies* 10 (1990), pp. 25-33.
- 16.1990 *Harper's Dictionary of Religion*, (American Academy of Religion) entries:
 16 a akitu;Assyro-Babylonian Religion (First Millennium);
 16 b Esagila; Esarhaddon;
 16 c Ishtar;Marduk;
 16d Oannes; Rosetta Stone
- 17.1991 "Between Observation and Theory in Babylonian Astronomical Texts," *Journal of Near Eastern Studies* 50 (1991), pp.107-120.
- 18.1991 "The Babylonian Astronomical Diaries," a review article of A.Sachs-Hunger, *Astronomical Diaries and Related Texts from Babylonia* vol.1(Österreichische Akademie der Wissenschaften, philosophische Klasse, Denkschriften, 195. Band, Vienna,1988), *Journal of the American Oriental Society* 110 (1991), pp.323-332.
- 19.1992 "Astrology," *Anchor Bible Dictionary* vol.1 (Ann Arbor, Mich.), pp.504-507.
- 20.1992 "Calendars (Ancient Near East)," *Anchor Bible Dictionary* Vol.I, pp.810-814.
- 21.1992 "The Cultures of Ancient Science: Some Historical Reflections," *Isis* 83 (1992), pp.547-553.
 21 a. Anthologized in M. Shank ed., *The Scientific Enterprise in Antiquity and the Middle Ages* (Chicago: University of Chicago Press, 2000), pp.23-29.
- 22.1993 "The Cultural Locus of Astronomy in Late Babylonia," in H. Galter, ed., *Die Rolle der Astronomie in den Kulturen Mesopotamiens (3.Grazer Morgenländische Studien, 1993)*, pp.31-47.

- 23.1993 "Babylonian Cosmology," for *The History of Cosmology: Historical, Philosophical, and Scientific Foundations of Modern Cosmology*, N. Hetherington ed. (Garland Publishing Inc.,1993), pp.398-408.
- 23 a. Reprinted in paperback edition, *Cosmology: Historical, Literary, Philosophical, Religious, and Scientific Perspectives*, ed. Noriss S. Hetherington (=Garland Reference Library of the Humanities vol. 1634) (Garland Publishing, New York and London, 1993), pp.37-52.
- 24.1994 "Babylonian Astronomy," for *Encyclopedia of the History of Astronomy* (New York: Garland Publishing Inc., 1994), pp.87-92.
- 25.1995 "Babylonian Astronomy and Calendars," in Jack M. Sasson ed., *Civilizations of the Ancient Near East Vol.III* (Charles Scribner's Sons, 1995), pp.1925-1940.
- 26.1996 (with P.-A. Beaulieu) "The Horoscope of Anu-bēlšunu," *Journal of Cuneiform Studies* 48 (1996), pp.89-94.
- 27.1996 "Personifications and Metaphors in Babylonian Celestial *Omina*," *Journal of the American Oriental Society* 116 (1996), pp.475-485.
- 28.1999 "Empiricism in Babylonian Omen Texts: Problems in the Classification of Mesopotamian Divination as Science," *Journal of the American Oriental Society* 119/4 (1999), pp.559-569.
- 29.1999 "Continuity and Change in Omen Literature" in Barbara Böck, Eva Cancik-Kirschbaum and Thomas Richter edd., *Munuscula Mesopotamica: Festschrift für Johannes Renger* (Münster:Ugarit Verlag, *Alter Orient und Altes Testament*, 252 1999), pp.415-427.
- 30.1999 "Babylonian Horoscopy: The Texts and Their Relations," in N.M. Swerdlow,ed., *Ancient Astronomy and Celestial Divination* (Cambridge: MIT Press, 1999), 39-60.
- 31.1999 "The Babylonian Origins of the Mandaean Book of the Zodiac" *ARAM* 11-12 (1999-2000), pp.237-247.
- 32.2000 "Scribes and Scholars: The *tupšār Enūma Anu Enlil*," in Joachim Marzahn and Hans Neumann, eds., *Assyriologica et Semitica, Festschrift für Joachim Oelsner anlässlich seines 65. Geburtstages am 18. Februar 1997* (Münster: Ugarit Verlag, *Alter Orient und Altes Testament*, 267, 2000), pp. 359-

375.

33.2001 "Mesopotamian Divination," in Vincenzo Cappelletti, ed., *Storia della Scienza* Vol. I. *La Scienza antica* (Rome: Enciclopedia Italiana, 2001), pp.249-266.

34.2001 "Late Babylonian Astrology: The Horoscopes," in Vincenzo Cappelletti, ed., *Storia della Scienza* Vol. I. *La Scienza antica* (Rome: Enciclopedia Italiana, 2001), pp.431-433.

35.2001 "The Transmission of Babylonian Astronomy," in Vincenzo Cappelletti, ed., *Storia della Scienza* Vol. I. *La Scienza antica* (Rome: Enciclopedia Italiana, 2001), pp.426-431.

36.2001 "The Historical Significance of Astronomy in Roman Egypt," Review Essay of Alexander Jones, *Astronomical Papyri from Oxyrhynchus* (Philadelphia: American Philosophical Society, 1999) *Isis* 92 (2001), pp.745-748.

37.2002 "A Consideration of Babylonian Astronomy within the Historiography of Science," *Studies in the History and Philosophy of Science* 33 (2002), pp.661-684

38.2003 "Lunar Data in Babylonian Horoscopes," in P. Barker, A.C. Bowen, J.Chabas, G. Freudenthal, and T. Langermann, eds., *Astronomy and Astrology from the Babylonians to Kepler: Essays Presented to Bernard R. Goldstein on the Occasion of his 65th Birthday*, *Centaurus* 45 (2003), pp. 32-45.

39.2003 "Heaven and Earth: Divine-Human Relations in Mesopotamian Celestial Divination," in Scott B. Noegel, Joel Walker and Brannon M. Wheeler, eds., *Prayer, Magic, and the Stars in the Ancient and Late Antique World* (Pennsylvania State University Press, 2003), pp.169-185.

40.2004 "A Babylonian Rising-Times Scheme in Non-Tabular Astronomical Texts," in Charles Burnett, Jan Hogendijk, K. Plofker and Michio Yano, eds., *Studies in the History of the Exact Sciences in Honour of David Pingree* (Leiden: Brill, 2004), pp.56-94

41.2005 "Mesopotamian Cosmology," for Daniel Snell, ed., *Blackwell's Companion to the Ancient Near East* (Oxford: Blackwell Publishing, 2005), pp.316-329.

42. 2005 Contributions to *Encyclopedia of Ancient Natural Scientists: The Greek Tradition and its Many Heirs*, edited by Paul T. Keyser and Georgia Irby-Massie,

- (Abingdon, Oxon and New York: Routledge, 2008).
- 42 a. Balbillos, p.188.
- 42 b. Teukros of Babylon, p.778.
- 42 c. Kritodemus, p.493.
- 42 d. Epigenes, p.290.
- 42 e. Kidenas, p.475.
- 42 f. Sudines, pp.767-68.
- 42 g. Naburianos, p.567.
- 42 h. Petosiris/ Nechepso-Petosiris, pp.637-38.
- 42 I. Babylonian Astronomy, pp.185-86.
43. 2006 “Old Babylonian Celestial Divination: Texts and Context,” in M. Waters et al., eds., *If A Man Builds A Joyful House: Assyriological Studies in Honor of Erle Verdun Leichty* (Leiden: Brill, 2006), pp.336-348.
44. 2006 “*The Two Cultures and the Historical Perspective on Science as a Culture*,” *Forum for Public Policy*
<http://www.forumonpublicpolicy.com/archive07/rochberg.pdf>
- 45.2007 “Marduk in Heaven,” *Wiener Zeitschrift für die Kunde des Morgenlandes* 97 (2007), pp.433-442.
- 46.2008 “A Short History of the Waters of the Firmament,” in Micah Ross, ed., *From the Banks of the Euphrates: Studies in Honor of Alice Louise Slotsky*, (Winona Lake, IN: Eisenbrauns, 2008), pp.227-244.
- 47.2008 “Babylonian Astronomy: The Hellenistic Transmission,” *Mélanges de l'Université Saint-Joseph* 61 (2008), pp. 13-32.
- 48.2009 “The Stars Their Likenesses,” in Barbara Nevling Porter ed., *What Is a God? Anthropomorphic and Non-Anthropomorphic Aspects of Deity in Ancient Mesopotamia* (Winona Lake, IN: Eisenbrauns, 2009), pp.1-52.
- 49.2009 “Inference, Conditionals, and Possibility in Ancient Mesopotamian Science,” *Science in Context* 22 (2009), pp. 4-25.
- 50.2010 “Sheep and Cattle, Cows and Calves: The Sumero-Akkadian Astral Gods as Livestock,” S. Melville and A. Slotsky, eds., *Opening the Tablet Box: Near Eastern Studies in Honor of Benjamin R. Foster*, Culture and History of the Ancient Near East, vol. 42 (Leiden and Boston: Brill, 2010), pp. 347-359.
- 51.2010 “If P, then Q: Form, Reasoning and Truth in Babylonian Divination,” in

- A. Annus ed., *Divination and Interpretation of Signs in the Ancient World*, Oriental Institute Seminars, 6 (Chicago: Oriental Institute Publications, 2010), pp.19-27.
- 52.2010 "Beyond Binarism in Babylon," *Interdisciplinary Science Reviews* 35.3-4, issue *History and Human Nature*, Willard McCarty and Brad Inwood, eds., pp.253-265.
- 53.2010 "God-talk and Star-talk in Cuneiform and its Legacy in Later Antiquity," in Jeffrey Stackert, Barbara Nevling Porter, and David P. Wright eds., *Gazing on the Deep: Ancient Near Eastern, Biblical, and Jewish Studies in Honor of Tzvi Abusch* (Bethesda, Md.: CDL Press, 2010), pp.189-200.
- 54.2010 "Babylonian Astral Science in the Hellenistic World: Reception and Transmission," CAS LMU e-Series Nr. 4 (2010), pp. 1-11,
http://www.cas.uni-muenchen.de/publikationen/e_series/cas-eseries_nr4.pdf.
55. 2011 "Scientific Observation and Knowledge of the World in Cuneiform Culture" E. Robson and K. Radner, eds., *The Oxford Companion to Cuneiform Culture* (Oxford University Press, 2011), pp.618-636.
- 56.2011 "The Heavens and the Gods in Ancient Mesopotamia:The View from a Polytheistic Cosmology," in Beate Pongratz-Leisten ed., *Reconsidering Revolutionary Monotheism* (Winona Lake, IN: Eisenbrauns, 2011), pp.117-136.
- 57.2011 "Divine Causality and Cuneiform Divination," in G.Frame, Erle Leichty, Jeffery Tigay, and Steve Tinney eds., *A Common Cultural Heritage: Studies in Mesopotamia and the Biblical World in Honor of Barry L. Eichler*, (Bethesda, MD.:CDL Press, 2011), pp. 189-203.
- 58.2011 "Natural Knowledge in Ancient Mesopotamia," in Peter Harrison, Ronald L. Numbers and Michael M. Shank (eds.), *Wrestling with Nature: From Omens to Science* (Chicago: University of Chicago Press, 2011), pp.9-36.
- 59.2012 "The Expression of Terrestrial and Celestial Order in Ancient Mesopotamia," in Richard Talbert ed. *Ancient Perspectives: Maps and Their Place in Mesopotamia, Egypt, Greece, and Rome* (Chicago: University of Chicago Press, 2012), pp. 9-46.
60. 2013 "The History of Science and Ancient Mesopotamia," *Journal of Near Eastern History* 1, pp. 37-60.

61. 2014 “Periodicities and Period Relations in Babylonian Celestial Sciences” in Wouter Henkelman, Charles Jones, Michael Kozuh, and Christopher Woods, eds., *Extraction and Control: Studies in Honor of Matthew W. Stolper*, (Chicago: Oriental Institute Publications, 2014), pp.211-218.
62. 2014 “A Firm Yes”: Certainty in the Assyrian Culture of Knowledge,” in *Bulletin for the Canadian Society for Mesopotamian Studies* 7 (2014), pp. 5-12.
63. 2015 “Conceiving the History of Science Forward,” *The Frontiers of Ancient Science: Essays in Honor of Heinrich von Staden*, in Arsenio Ferraces Rodríguez, Klaus-Dietrich Fischer, and Brooke Holmes, eds., (Berlin: De Gruyter, 2015), pp. 515-31.
64. 2015 “The Babylonians and the Rational: Contexts of Rational Reasoning in Cuneiform Scribal Scholarship,” in J. Cale Johnson ed., *In the Wake of the Compendia: How Technical Handbooks and Encyclopedia Reshape Early Mesopotamian Empiricism, Science, Technology and Medicine in Ancient Cultures* (Berlin: De Gruyter, 2015), pp.209-248.
65. 2015 “Canon and Power in Cuneiform Scribal Scholarship,” in Kim Ryholt and Gojko Barjamovic eds., *Problems of Canonicity and Identity Formation in Ancient Egypt and Mesopotamia* (Copenhagen: Carsten Niebuhr Institute), pp.217-229.
66. 2016. “The Brown School of the History of Science: Historiography and the Astral Sciences,” in John M. Steele, ed., *The Circulation of Astronomical Knowledge in the Ancient World*, Proceedings of Brown 250th Conference (Brill, 2016), pp.5-17.
- 67.2016 “A Critique of the Cognitive-historical Thesis of *The Intellectual Adventure of Ancient Man*,” in *The Adventure of the Human Intellect: Self, Society, the Divine in Ancient World Cultures*, ed. Kurt A. Raaflaub (Malden MA and Oxford: Wiley, 2016), pp.16-28.
68. 2016 (with Kurt A. Raaflaub) Introduction to *The Adventure of the Human Intellect: Self, Society, the Divine in Ancient World Cultures*, ed. K. Raaflaub (Malden MA and Oxford: Wiley, 2016), pp. 1-15.
69. 2016 “Where were the Laws of Nature before there was Nature?”in Konrad Schmid and Christoph Uehlinger, eds., *Laws of Heaven–Laws of Nature: The Legal Interpretation of Cosmic Phenomena in the Ancient World*,” *Orbis Biblicus*

et Orientalis 276 (OBO, Fribourg: Academic Press, and Goettingen: Vandenhoeck & Ruprecht), pp. 21-39.

70. 2016 “Foresight in Ancient Mesopotamia,” in *Foresight*, Lawrence W. Sherman and David Allan Feller, eds., Darwin College Lecture Series (Cambridge: Cambridge University Press), pp. 157-175.

71. 2017 “An Ancient Celestial Empire of Benevolent Knowledge,” in Mathieu Ossendrijver and John M. Steele, eds., *Studies on the Ancient Exact Sciences in Honor of Lis Brack-Bernsen*, Berlin Studies of the Ancient World 44 (2017), pp. 225-52.

72. 2017 “These Bones Live!” *KNOW: A Journal on the Formation of Knowledge* 1 (2017), pp. 67-83.

73. 2018 “The Catalogues of Enūma Anu Enlil” in Ulrike Steinert, ed., *Assyrian and Babylonian Scholarly Text Catalogues: Medicine, Magic and Divination*, Die babylonisch-assyrische Medizin in Texten und Untersuchungen, BAM 9 (Boston/Berlin: de Gruyter, 2018) pp.119-134.

74. 2018 “*Ina lumun attalī Sin*: On Evil and Lunar Eclipses,” in Greta Van Buylaere, Mikko Luukko, Daniel Schwemer and Avigail Mertens-Wagschal, eds., *Sources of Evil: Studies in Mesopotamian Exorcistic Lore*, Ancient Magic and Divination, vol. 15 (Brill), pp.3-31.

75. 2018 “The Near Eastern Heritage in Greco-Roman Astronomy,” in S.Schmidtke, ed., *Studying the Near and Middle East at the Institute for Advanced Study, Princeton, 1935-2018*, Gorgias Handbooks (Piscataway, NJ: Gorgias Press, 2018), pp.11-20.

76. 2018 “The Astral Sciences of Mesopotamia,” *Oxford Handbook of Science & Medicine in the Classical World*, ed. Paul T. Keyser and John Scarborough (Oxford University Press, 2018), pp.25-34.

77. 2018 “Science and Ancient Mesopotamia,” *Cambridge History of Science*, ed. Alexander Jones and Liba Taub, series editors David C. Lindberg and Ronald Numbers (Cambridge University Press), pp.7-28.

78. 2018 “Reasoning and Representing: Babylonian Astronomical Models,” in Gosta Ingvar Gabriel ed., *Journal of Ancient Near Eastern History* 9 (2018), pp.1-17.

Forthcoming:

79. 2013 “Astrology and Astronomy,” in Gonzalo Rubio ed., *A Handbook of Ancient Mesopotamia*, (Berlin: De Gruyter)

80. (with Alan C. Bowen) Introduction to Bowen-Rochberg, eds., *Hellenistic Astronomy: The Science and Its Contexts* (forthcoming, Brill, 2017).

81. (with Alan C. Bowen) “The Study of Hellenistic Astronomy,” Ch.0 in Bowen-Rochberg, eds., *Hellenistic Astronomy: The Science in Its Contexts* (forthcoming, Brill, 2018).

82. 2016 “The Babylonian Contribution to Hellenistic Astronomy,” in Bowen and Rochberg, eds., *Hellenistic Astronomy: The Science and Its Contexts* (forthcoming, Brill, 2017).

83. 2015 “Babylonian Celestial Divination and Nativities,” in Bowen and Rochberg eds., *Hellenistic Astronomy: The Science and Its Contexts* (forthcoming, Brill, 2017).

84. 2015 “Categories, Kinds, and Determinatives” in Cale Johnson, et al eds., *Metalinguistic Awareness in the Ancient Near East*, Berliner Beiträge zum Vorderer Orient [BBVO] 27 (in press).

85. 2017 “The Historiography of Ancient Exact Sciences and the Demarcation Problem,” in Chemla, Proust, et al, eds., *Exploring 19th and 20th Centuries Historiographies of Mathematics in the Ancient World*.

86. 2018 “Mesopotamian Cosmology,” for Daniel Snell, ed., *Blackwell’s Companion to the Ancient Near East* (Oxford: Blackwell Publishing, 2005, rev. ed.).

87. 2019 “Themes in a Cuneiform Cosmological Topology: Correspondences, Counterparts, Proportionality,” *Science in the Forest, Science in the Past Pt. 2*, Needham Research Institute and Darwin College, Cambridge

REVIEWS

1.1982 Review of Hermann Hunger-Rudolf Dvorak, *Ephemeriden von Sonne, Mond, und hellen Planeten von -1000 bis -601* (Österreichische Akademie der

Wissenschaften, philosophisch-historische Klasse, 155. Band, 1981), *Zeitschrift für Assyriologie* 72 (1982), pp.299-300.

2.1985 (with N.Swerdlow) Review of Hermann Hunger-Rudolf Dvorak, *Ephemeriden von Sonne, Mond, und hellen Planeten von -1000 bis -601* (Österreichische Akademie der Wissenschaften, philosophisch-historische Klasse, 155. Band, 1981), *Journal of Near Eastern Studies* 44 (1985), pp.237-239.

3.1990 Review of A.Sachs-H.Hunger, *Astronomical Diaries and Related Texts from Babylonia* vol.I, II (Österreichische Akademie der Wissenschaften, philosophische Klasse, Denkschriften, 195. Band, Vienna, 1988), *Orientalia Nova Series* 58 (1989), pp.551-555.

4.1997 Review of O. Pedersen, *Early Physics and Astronomy: A Historical Introduction* (Cambridge University Press, 1993 rev.ed.) *Journal of Near Eastern Studies* 56, No.4 (1997), pp. 283-285.

5.1995 Review of H.J. Nissen, P. Damerow, R.K. Englund, *Archaic Bookkeeping: Writing and Techniques of Economic Administration in the Ancient Near East* trans. by Peter Larsen, (The University of Chicago Press, 1990) *Isis* 86/2 (1995), pp. 309-310.

6.1999 Review of Jack N. Lawson, *The Concept of Fate in Ancient Mesopotamia of the First Millennium: Toward an Understanding of Simtu* (Wiesbaden: Harrassowitz Verlag) *Journal of Near Eastern Studies* 58 (1999), pp.54-58.

7.2002 Review of Alexander Jones, *Astronomical Papyri from Oxyrhynchus (P. Oxy. 4133-4300a)* 2 vols. (Memoirs of the American Philosophical Society 233, 1999), *Journal of Near Eastern Studies* 61 (2002).

8.2006 Review of Reiner-Pingree, BPO 4 (in prep) for *AfO*.

9.2008 Review of John M. Steele, ed., *Calendars and Years: Astronomy and Time in the Ancient Near East* (Oxford: Oxbow Books, 2007) for *Journal of the History of Astronomy* 39 (2008), pp.541-543.

10.2011 Review of Lambert, *Babylonian Oracle Questions*

11. 2012 TLS review of P.G. Maxwell-Stuart, *Astrology: From Ancient Babylon to the Present* (Gloucestershire: Amberley Press, 2012)

12. 2013/2014 "The Scientific Imagination of the Other," Review of G.E.R.

Lloyd, *Being, Humanity, and Understanding: Studies in Ancient and Modern Societies* (Oxford: Oxford University Press, 2012), *Metascience* 23 (2014), pp.165-168, and May 2013; <http://link.springer.com/static-content/lookinside/78/art%253A10.1007%252Fs11016-013-9808-0/000.png>.

13. 2013 Review of Jeffrey L. Cooley, *Poetic Astronomy in the Ancient Near East: The Reflexes of Celestial Science in Ancient Mesopotamia, Ugaritic, and Israelite Narrative*, *History, Archaeology, and Culture of the Levant*, 5 (Winona Lake, IN: Eisenbrauns), *Journal for the History of Astronomy* 45 (2014), pp.127-129.

14. 2015 Review of *Pathways into the Study of Ancient Sciences: Selected Essays by David Pingree* (American Philosophical Society Press), ed. Isabelle Pingree and John M. Steele, *Journal for the History of Astronomy* 47 (2016), pp.102-105.

15. 2017 Review of *A Mathematician's Journeys: Otto Neugebauer and the Modern Transformations of Ancient Science*. Edited by Alexander Jones, Christine Proust, and John M. Steele (Springer, Heidelberg, 2016), *Journal for the History of Astronomy* 48 (2017), pp. 354-57.

16. Review of David Brown, with contributions by : Jonathon Ben-Dov, Harry Falk, Geoffrey Lloyd, Raymond Mercier, Antonio Panaino, Joachim Quack, Alexandra von Lieven, and Michio Yano, *The Interactions of Ancient Astral Science* (Dr. Ute Hempfen Verlag, 2018), *Journal for the History of Astronomy*.

LEXICOGRAPHY

Contributor to:

The Assyrian Dictionary, Vol. 14 "R" (Chicago, IL: University of Chicago, Oriental Institute, 1999).

The Assyrian Dictionary, Vol. 15 "S" (Chicago, IL: University of Chicago, Oriental Institute, 1984).

The Assyrian Dictionary, Vol. 17 "Š Part I" (Chicago, IL: University of Chicago, Oriental Institute and Glückstadt, Germany: J.J. Augustin Verlagsbuchhandlung, 1989).

The Assyrian Dictionary, Vol. 17 "Š Part II" (Chicago, IL: University of Chicago, Oriental Institute and Glückstadt, Germany: J.J. Augustin Verlagsbuchhandlung, 1992).

The Assyrian Dictionary, Vol. 17 "Š Part III" (Chicago, IL: University of Chicago, Oriental Institute and Glückstadt, Germany: J.J. Augustin Verlagsbuchhandlung, 1992).

Digital Projects

(with Alan C. Bowen) EKOH Early Knowledge of the Heavens : A Digital Library for Mediterranean, Near Eastern, and South Asian Contexts. It is aimed at providing an online environment for astronomical and astrological documents in the ancient languages of Akkadian, Aramaic, Greek, Latin, Egyptian, Sanskrit, and Syriac. It will provide transcriptions, translations, editions, commentaries, lexica, concordances, maps, diagrams and animations of technical concepts.

(with Laurie Pearce, Niek Veldhuis, et al), Advisor on project: "Reproducibility in Humanities Research: Reliability and Quantifiability of Analog Heuristics"

LECTURES AND CONFERENCE PAPERS SINCE 1995

- 1995 "Personifications and Metaphors in Babylonian Celestial *Omina*," 205th American Oriental Society Meeting, Salt Lake City, Utah
- 1995 "Late Babylonian Traditionalism and the Emergence of Science," Department of Near Eastern Languages, University of California, Los Angeles.
- 1996 "The Rising Times of the Zodiac and the Length of Daylight in Babylonian Astronomy," 206th Meeting of the American Oriental Society, Philadelphia, PA.
- 1996 "The Origins of Science: The Impact of Babylonian Astronomy on the History and Philosophy of Science," Michael Polanyi Visiting Lecture in the History and Philosophy of Natural Science, Sept. 17, 1996
- 1996 "Babylonian Mathematical Astronomy," Dept. of Physics, State University of California, Long Beach, Oct. 28, 1996
- 1998 "Empiricism in Babylonian Omen Texts and Problems in the Classification of Mesopotamian Divination as Science," 208th Meeting of the American Oriental Society, April 6, 1998, New Orleans, LA.
- 1998 "Historical Implications of Scientific Realism: A Response to Walter Burkert's 'Revealing Nature Amidst Multiple Cultures. A Discourse with Ancient Greeks'," invited symposiast in the Tanner Lecture Program, University of Michigan, Oct. 31, 1998.
- 1999 "Continuity and Change: Omen Literature as Canon, University of California, Riverside, Dept. of Comparative Literatures and Languages, January, 1999
- 1999 "On Prediction in Babylonian Science: The Case of Celestial Divination" AOS Baltimore, March 1999.
- 1999 "A Consideration of Empiricism in Mesopotamian Divination," Conference held at Stanford University, May 21-23, 1999

1999 "Babylonian Celestial Divination and Astrology in the Mandaean Book of the Zodiac" for The Mandaeans: A Conference at Harvard University, 13-15 June, 1999

1999 "Babylonian Horoscopes: Science, Religion, and the Individual at the end of Mesopotamian Civilization," Autumn Meeting of the American Philosophical Society, Nov. 1999

2000 "Heaven and Earth: Cosmological Inferences from Mesopotamian Celestial Divination," for symposium "Prayer, Magic, and the Stars," University of Washington, March 4-6, 2000

2000 "Criteria for the Classification of Babylonian Astronomy in Modern Historiography of Science," West Coast Branch of the History of Science Society, May 5-7, Berkeley CA.

2001 "Natural Knowledge in Ancient Mesopotamia," Madison Conference on the History of Science in honor of David C. Lindberg, April 2001.

2002 "Old Babylonian Celestial Divination," Workshop on Babylonian Astronomy at Brown University, Providence R.I., June 2002.

2003 "The Roots of Western Astrology: Ancient Mesopotamian Celestial Omina and Horoscopes," History of Science Society Meeting, Cambridge MA, Nov. 2003.

2004 "Getting Past Science and Non-Science: Babylonian Astronomy and the History of Science," USC Dept. of Classics, April 13, 2004

2004 "The Stars Their Likenesses," Casco Bay Assyriological Institute Conference on "What is a God?," Chebeague Maine, Sept. 17-21, 2004

2005 "Astral Deities in Ancient Mesopotamia," American Oriental Society, Philadelphia, March 2005

2005 "The Astronomy of Ancient Mesopotamia" Webster Lecture, Archaeological Institute of America, Adler Planetarium, Chicago Oct. 27,

2005 "The Astronomy of Ancient Mesopotamia" Archaeological Institute of America Lecture, Lawrence University, Appleton, WI Oct. 31

2005 "The Astronomy of Ancient Mesopotamia" Archaeological Institute of America Lecture, University of Wisconsin, Madison, WI Nov. 1

2005 "Babylonian Mathematical Astronomy," UC Berkeley Dept. of Near Eastern Studies Seminar, Dec 5, 2005

2005 "The Historiography of Babylonian Astronomy," Berkeley Colloquium, Office of the History of Science and Technology, Dec 5, 2005.

2006 "Cosmology and Astronomy in Ancient Mesopotamia" Plenary lecture, American Oriental Society, Seattle, WA. March 19, 2006

2006 "The Historical Perspective on Science as a Culture," Oxford Round Table, Rhodes House, Oxford University July 9-14, 2006

2007 "Polytheistic Cosmology and the Question of Universal Theology," Princeton University, Center for the Study of Religion, Feb. 10-11, 2007

2007 Ancient Astrology Workshop, Warburg Institute, London, on 16 and 17

- February 2007.
- 2007 “Periodicities and Period Relations in Babylonian Astronomy,” Brown University, March 5, 2007
- 2007 “The Place of Babylonian Astronomy in the General History of Science,” University of Pennsylvania Colloquium in the History and Sociology of Science, March 26, 2007
- 2007 “Periodicities and Period Relations in Babylonian Astronomy,” Institute for Advanced Study, Princeton, History of Science Seminar, April 11, 2007
- 2007 “Babylonian Astronomy and the Historiography of Science,” Columbia University, Center for the Ancient Mediterranean, May 1, 2007
- 2007 “Periodicities and Period Relations in Babylonian Astronomy,” Dept of Near Eastern Studies, University of California, Berkeley, May 30, 2007
- 2007 “Babylonian Astronomy: The Hellenistic Transmission,” UC Berkeley Conference on Hellenistic Babylonia Oct 5, 2007
- 2007 ““By Means of Maps”: The Expression of Terrestrial and Celestial Order in Ancient Mesopotamia,” 16th Nebenzahl Lecture, The Newberry Library, Chicago, November 2007
- 2007 “The Reception of Babylonian Science within the General History of Science,” University College London, Dec. 10, 2007
- 2007 “Inference from Evidence in Ancient Mesopotamian Thought: Omen Texts and Inferential Reasoning,” Leverhulme Conference on Evidence and Inference, University of London, December 17, 2007
- 2008 Brown University Conference Sixty Years After: The Intellectual Adventure of Ancient Man
- 2008 “Babylonian Omens and Inferential Reasoning,” Ancient History and Mediterranean Archaeology symposium, University of California, Berkeley, April 22, 2008
- 2008 “New Light on Mesopotamian Maps and Mapping,” Warburg Institute, London, December 4, 2008
- 2009 “If P, then Q”: Toward A Theory of Signs in Babylonian Divination, Oriental Institute Symposium, Mar 4-6, 2009
- 2009 “Divination and Divine Causality,” Eichler Symposium, University of Pennsylvania, Mar. 30, 2009
- 2009 “Prediction in Mesopotamian Science,” ICHST Budapest, July 2009
- 2010 “Babylonian Astral Science in the Hellenistic World: Reception and Transmission,” Center for Advanced Studies, Ludwig-Maximilians-Universität, Munich, April 29, 2010
- 2010 “Divine Causality and Babylonian Divination,” Georg-August-Universität Göttingen, Graduiertenkolleg “Götterbilder-Gottesbilder-Weltbilder,” May 6,
- 2010 “Periodicities and Period Relations in Babylonian Celestial Sciences,” Kolloquium zum Alten Orient, LMU, Munich May 11, 2010
- 2010 “Canon and Power in Cuneiform Texts,” Conference, “Problems of

- Canonicity and Identity Formation in Ancient Egypt and Mesopotamia," Centre for Canon and Identity Formation – University of Copenhagen, Copenhagen, May 28, 2010
- 2010 "A Cultural Matrix for Babylonian Astral Science in the Hellenistic World," McDonald Institute for Archaeological Research, Cambridge University, May 31, 2010
- 2010 "The Cultural Dynamism of Astral Science in the Hellenistic Age," Leon Levy Lecture, ISAW/NYU, November 4, 2010
- 2010 "Canon and Power in Cuneiform Texts," American Schools of Oriental Research, Annual Meeting, Atlanta, GA, November 17-20, 2010
- 2011 "Conceiving the History of Science Forward" American Oriental Society 221st Meeting, March 11, 2011, Chicago
- 2011 "Before Nature: Babylonian Legal Metaphors and Divine Cosmic Order" Conference entitled "Laws of Heaven–Laws of Nature: The Legal Interpretation of Cosmic Phenomena in the Ancient World," Universität Zürich, Sept. 5-6, 2011
- 2011 "Where were the 'Laws of Nature' before there was Nature?" AHMA Noon Colloquium Series, UC Berkeley, Oct. 3, 2011
- 2011 "The Copernicans and Prognostication: Continuities with Antiquity," History of Science Society, Robert S. Westman's, *The Copernican Question* (2011): A Symposium, Nov. 5, 2011.
- 2012 "'A Firm Yes': Divination in the Assyrian Culture of Knowledge," A.K. Grayson Lecture on Assyrian History and Culture, University of Toronto, March 14, 2012
- 2012 "The Laws of Nature before Nature," Seminar, University of Toronto, March 15, 2012.
- 2012 "If P Then Q: Reasoning in Ancient Mesopotamia," Caltech, April 17, 2012
- 2012 "The 'Laws of Nature' before Nature," ISAW seminar, May 2012
- 2012 "A Firm Yes": Certainty in the Assyrian Culture of Knowledge," Chicago-Paris Workshop on Religion as a Form of Knowledge, Institut National d'Histoire de l'Art, Paris, Sept. 24-25, 2012.
- 2013 "Foresight in the Ancient Mesopotamia," Darwin Lecture Series, Darwin College, Cambridge, March 8, 2013.
- 2013 "The 'Laws of Nature' before Nature," UCL March 11, 2013.
- 2013 "Science and Ancient Mesopotamia," University College London, March 2013
- 2013 "Foresight, Forecasting and the Future in Ancient Mesopotamia," Peabody Museum, Harvard, May 9, 2013
- 2013 "Foresight, Forecasting and the Future in Ancient Mesopotamia," Royal Ontario Museum, November 21, 2013.
- 2014 "The Babylonians and the Rational," Harvard, March 8, 2014
- 2014 "The Babylonians and the Rational," ISAW March 24, 2014
- 2014 "The Babylonians and the Rational," Brown University, April 10, 2014.

- 2014 Brown University 250th Anniversary, "The Brown School of the History of Science: Historiography and the Ancient Astral Sciences" April 11, 2014.
- 2014 "Categories, Kinds, and Determinatives," Conference: *Die Sprache des Bewusstseins und das Bewusstsein von Sprache im Alten Orient*, Berlin, 17 November 2014.
- 2015 "*Ina lumun attalī Sin*: On Evil and Lunar Eclipses," Würzburg conference The Sources of Evil: Complexity and Systematization, Differentiation and Interdependency in Mesopotamian Exorcistic lore. April, 2015.
- 2015 "The Representation of Phenomena in Babylonian Astronomical Models," in the session "Knowing Nature in the Ancient World" at the San Francisco meeting of the History of Science Society, November 20, 2015
- 2015 "What we Talk about when we Talk about Knowledge: Historical Epistemology in the Ancient Near East," for a panel "Interaction and Change in Ancient Near Eastern Scribal Cultures" in the session Hebrew Scriptures and Cognate Literatures at the Atlanta meeting of the Society of Biblical Literature, November 22, 2015.
- 2016 "The Scientific Imagination in Cuneiform Antiquity" March 17, Center for Science Technology and Medicine in Society Colloquium, UC Berkeley
- 2016 "The Scientific Imagination in Cuneiform Antiquity" Topoi Excellence Cluster, 6th Dahlem Seminar *Gattungen und Gattungsgrenzen*, May 10, Berlin
- 2016 "The Ancient Astral Sciences of Babylonia and the Greco-Latin World: Highways and Byways of Comparison," in the seminar "Exploring 19th and 20th centuries historiographies of mathematics in the ancient world" *Mathematical Sciences in the Ancient World* (SAW), CNRS Paris Diderot University, May 20, 2016
- 2016 "Order and Anomaly in Cuneiform Knowledge," Conference *Weg des Wissens*, June 28, Berlin, Topoi Excellence Cluster.
- 2016 "The Babylonian Contribution to Hellenistic Greek Astronomy," Conference *Framing the Infinite: The Social Sciences of Space and Cosmology*, August 20-21, 2016, UC Berkeley.
- 2016 "The Historiography of Ancient Exact Sciences and the Demarcation Problem," *Sciences in the Ancient World* (SAW) conference, CNRS Paris Diderot University, October 26, 2016
- 2016 "Wherefore Cuneiform Texts in the History of Philosophy?" Society of Biblical Literature, November 19, 2016, San Antonio
- 2017 "Reasoning and Representing: Babylonian Astronomical Models," The Humanities Center, Harvard, April 22, 2017
- 2017 "Ways that Matter Can Matter," University of Michigan Colloquium, *Non/Human Materials Before Modernity*, Oct. 2-3, 2017
- 2017 "Making Knowledge out of Ruins from the Ancient Near East," Inaugural Conference for Stevanovich Institute on the Formation of Knowledge, University of Chicago, Nov. 15-16, 2-17
- 2018 "Science and Nature" in Roundtable: Rethinking Science and Nature: A Roundtable, American Society of Environmental History Riverside, California (March

14-18, 2018)

2018 “Demarcation of Science in the Heavenly Writing” in lecture series Mythographies of Script and Alphabet, Topoihaus, Berlin May 29, 2018

2018 “The Restoration of Ancient Cuneiform Knowledge and its Implications,” Sixth Annual Conference of the Collaborative Research Centre 980 “Episteme in Motion. Transfer of Knowledge from the Ancient World to the Early Modern Period,” entitled: Economies of Knowledge – Order and Transgression in Premodern Cultures; organized by Concept Group VII “Wissensoikonomien” June 28, 2018 - Jun 30, 2018, Freie Universität Berlin, June 30, 2018

2018 “Themes in a Cuneiform Cosmological Topology,” Topoi Excellence Project Space of Nature, Humboldt-Universität Berlin, July 9, 2018.

2018 “Rethinking Science and Nature: A Roundtable” History of Science Society Meeting, Seattle, WA, 1-4 November, 2018

2019 “Worldmaking in Cuneiform Cultures: Complementarity, Counterparts, Correspondences, Measurement,” Needham Research Institute and Darwin College, Cambridge, Workshop: Science in the Forest, Science in the Past Pt. 2, June 2019.