

CURRICULUM VITAE

John Steele

Title	Professor of the History of the Exact Sciences in Antiquity Department of Egyptology and Assyriology, Brown University
Honorary Titles	Guest Professor, School of History and Culture of Science, Shanghai Jiao Tong University Senior Fellow, Institute for the Study of the Ancient World, New York University
Address	Department of Egyptology and Assyriology Brown University, Box 1899, Providence, RI 02912, USA john_steele@brown.edu
University Degrees	1998, University of Durham, PhD “Observations and Predictions of Eclipse Times by Astronomers in the Pre-Telescopic Period” 1995, University of Durham, BSc (Hons.) Physics (First Class)

Professional Appointments

1 July 2012-present	Professor of the History of the Exact Sciences in Antiquity Department of Egyptology and Assyriology Brown University
1 September 2008-30 June 2012	Associate Professor of the History of the Exact Sciences in Antiquity Department of Egyptology and Assyriology Brown University
1 October 2004-31 August 2008	Royal Society University Research Fellow University of Durham
1 September 2002-31 August 2004	E. P. May Fellow Institute for the History and Philosophy of Science and Technology University of Toronto
1 September 1999-31 August 2002	Leverhulme Trust Research Fellow University of Durham
1 September 1998-31 August 1999	Postdoctoral Fellow Dibner Institute for the History of Science and Technology Massachusetts Institute of Technology

Editorships

Book Series

Scientific Writings from the Ancient and Medieval World (Routledge) (editor)
Wilbour Studies in Egyptology and Assyriology (Lockwood Press) (co-editor)
Time, Astronomy, and Calendars: Texts and Studies (Brill) (editorial board member).
Why the Sciences of the Ancient World Matter: Building Bridges Between the History of Ancient Sciences and Other Fields (Springer) (editorial board member).

Journals

Aestimatio: Sources and Studies in the History of Science (associate editor)

Isis (advisory editor 2013–2015)
 Journal for the History of Astronomy (advisory editor)
 Journal of Skyscape Archaeology (editorial board member)
 SCIAMVS (associate editor)

Academic Honours, Fellowships, and Prizes

2020	Fellow, Einstein Center Chronoi, Berlin
2019	Visiting Scholar, Max Planck Institute for the History of Science, Berlin
2016	Fellow, Institute of Advanced Study, Durham University
2015–present	Nominated to the “Experts Information Database of High-Level Talents Management System” of Shaanxi Province, China
2014	Guest Professor, School of History and Culture of Science, Shanghai Jiao Tong University
2010–2011	Webster lectureship, Archaeological Institute of America
2010–present	Senior Fellow, Institute for the Study of the Ancient World, New York University
2008–2011	Honorary Fellow, Department of Physics, University of Durham
2003	Caeno Chronology Scholar prize, Caeno Foundation
1998	Keith Nicholas Prize for postgraduate study, University of Durham

Publications

Books (authored)

- H. Hunger and J. M. Steele, *The Babylonian Astronomical Compendium MUL.APIN* (Abingdon: Routledge, 2019).
 P.-A. Beaulieu, E. Frahm, W. Horowitz, and J. M. Steele, *The Cuneiform Uranology Texts: Drawing the Constellations*, Transactions of the American Philosophical Society 107/2 (Philadelphia: American Philosophical Society, 2018).
 J. M. Steele, *Rising Time Schemes in Babylonian Astronomy*, Springer Briefs in the History of Science and Technology (Dordrecht: Springer, 2017).
 J. M. Steele, *Ancient Astronomical Observations and the Study of the Moon’s Motion (1691–1757)*, Sources and Studies in the History of Mathematics and the Physical Sciences (New York: Springer, 2012).
 J. M. Steele, *A Brief Introduction to Astronomy in the Middle East* (London: Saqi Books, 2008). [Chinese translation Shanghai: Shanghai Jiao Tong University, 2014. Persian translation Tehran: Sbanz, 2016.]
 J. M. Steele, *Observations and Predictions of Eclipse Times by Early Astronomers*, Archimedes: New Studies in the History and Philosophy of Science and Technology 4 (Dordrecht: Kluwer Academic Publishers, 2000).

Books (authored) in preparation

- J. M. Steele, *Astronomy in Babylonia: The Development of the Astral Sciences in the First Millennium BC* (Princeton: Princeton University Press).
 C. Proust and J. M. Steele, *Astronomical and Related Cuneiform Texts in the Istanbul Museum*.

Books (edited)

- M. Geoga and J. M. Steele (eds.), *The Allure of the Ancient: Receptions of the Ancient Middle East, ca. 1600–1800*, Intersections 80 (Leiden: Brill, 2022).
 E. Boutsikas, S. McCluskey and J. M. Steele, *Advancing Cultural Astronomy: Studies in Honour of Clive Ruggles*, Historical and Cultural Astronomy (New York: Springer, 2021).
 J. Haubold, J. M. Steele and K. Stevens (eds.), *Keeping Watch in Babylon: From Evidence to Text in the Astronomical Diaries*, Culture and History of the Ancient Near East 100 (Leiden: Brill, 2019).
 C. Proust and J. M. Steele (eds.), *Scholars and Scholarship in Late Babylonian Uruk*, Why the Sciences of the Ancient World Matter 2 (Dordrecht: Springer, 2019).
 J. M. Steele and M. Ossendrijver (eds.), *Studies on the Ancient Exact Sciences in Honor of Lis Brack-Bernsen*, Berlin Studies of the Ancient World 44 (Berlin: Edition Topoi, 2017).
 J. M. Steele (ed.), *The Circulation of Astronomical Knowledge in the Ancient World*, Time, Astronomy, and Calendars: Texts and Studies 6 (Leiden: Brill, 2016).

- A. Jones, C. Proust and J. M. Steele (eds.), *A Mathematician's Journeys: Otto Neugebauer and Modern Transformations of Ancient Sciences*, Archimedes: New Studies in the History and Philosophy of Science and Technology 45 (New York: Springer, 2016).
- C. L. N. Ruggles, J.-A. Belmonte, S. Iwaniszewski, A. López, S. McCluskey, J. M. Steele and Sun Xiaochun (eds.), *Handbook of Archaeoastronomy and Ethnoastronomy* (New York: Springer, 2015).
- I. Pingree and J. M. Steele (eds.), *Pathways into the Study of Ancient Sciences: Selected Essays by David Pingree*, Transactions of the American Philosophical Society 104/4 (Philadelphia: American Philosophical Society, 2014).
- J. Haubold, G. Lanfranchi, R. Rollinger and J. M. Steele (eds.), *The World of Berossos*, Classica et Orientalia 5 (Wiesbaden: Harrassowitz, 2013).
- J. Ben-Dov, W. Horowitz and J. M. Steele (eds.), *Living the Lunar Calendar* (Oxford: Oxbow Books, 2012).
- J. M. Steele (ed.), *Calendars and Years II: Astronomy and Time in the Ancient and Medieval World* (Oxford: Oxbow Books, 2011).
- J. M. Steele (ed.), *Calendars and Years: Astronomy and Time in the Ancient Near East* (Oxford: Oxbow Books, 2007).
- J. M. Steele and A. Imhausen (eds.), *Under One Sky: Astronomy and Mathematics in the Ancient Near East*, Alter Orient und Altes Testament 297 (Münster: Ugarit-Verlag, 2002).

Books (edited) in preparation

- M. Rutz and J. M. Steele (eds.), *Scholarship at Nippur*.
- J. M. Steele (eds.), *The Oxford Handbook of Ancient Astronomy* (New York: Oxford University Press).

Refereed journal articles

- J. M. Steele, "Combining Science and History: Lis Brack-Bernsen's Contributions to the History of Babylonian Astronomy", *Notices of the American Mathematical Society*, in press.
- J. M. Steele and S. Ganguli, "Babylonian Records of Transient Astronomical Phenomena", *Astronomische Nachrichten* 343 (2022), e220031.
- J. M. Steele, "An Alternative Interpretation of BM 76829: Astrological Schemes for Length of Life and Parts of the Body", *Archive for History of Exact Sciences* 76 (2022), 1–14.
- J. M. Steele, "Babylonian Shadow-Length Schemes: Between Mathematics and Astronomy", *Clarusculo* 20/2 (2021), 1–25.
- J. M. Steele, "The Continued Relevance of MUL.APIN in Late Babylonian Astronomy", *Journal of Ancient Near Eastern History* 9 (2021), 259–277.
- J. M. Steele and E. L. Meszaros, "A Study of Babylonian Records of Planetary Stations", *Archive for History of Exact Sciences* 75 (2021), 415–438.
- J. M. Steele, "How Can We Incorporate Visual Evidence into the History of the Astral Sciences in Mesopotamia?", *NTM Zeitschrift für Geschichte der Wissenschaften, Technik und Medizin* 28 (2020), 305–324.
- J. M. Steele, "A Proto-Normal Star Almanac Dating to the Reign of Artaxerxes III: BM 65156", *Archive for History of Exact Sciences* 74 (2020), 243–253.
- J. M. Steele, "Explaining Babylonian Astronomy", *Isis* 110 (2019), 292–295.
- J. M. Steele, "An Early Compilation of Saturn Observations from Babylon", *Journal for the History of Astronomy* 50 (2019), 31–45.
- J. M. Steele, "The Development of the Babylonian Zodiac: Some Preliminary Observations", *Mediterranean Archaeology and Archaeometry* 18/4 (2018), 97–105.
- M. Anastasiou, Y. Bitsakis, A. Jones, J. M. Steele and M. Zafeiropoulou, "Inscriptions on the Antikythera Mechanism 4. The Back Dial and Back Plate Inscriptions", *Almagest* 7 (2016), 138–215.
- M. Allen, W. Ambrisco, M. Anastasiou, D. Bate, Y. Bitsakis, A. Crawley, M. G. Edmunds, D. Gelb, R. Hadland, P. Hockley, A. Jones, T. Malzbender, H. Magou, X. Moussas, A. Ramsey, J. H. Seiradakis, J. M. Steele, A. Tselikas, M. Zafeiropoulou, "Inscriptions on the Antikythera Mechanism 1. General Preface to the Inscriptions", *Almagest* 7 (2016), 4–35.
- J. M. Steele, "Late Babylonian Metrological Tablets in the British Museum", *SCIAMVS* 16 (2015), 75–90.
- S. M. Mozaffari and J. M. Steele, "Lunar and Solar Observations at Istanbul in the 1570s", *Archive for History of Exact Sciences* 69 (2015), 343–362.
- J. M. Steele, "A Late Babylonian Compendium of Calendrical and Stellar Astrology", *Journal of Cuneiform Studies* 67 (2015), 187–215.
- J. M. Steele, "Shadow-Length Schemes in Babylonian Astronomy", *SCIAMVS* 14 (2013), 3–39.
- J. M. Steele, "A Comparison of Astronomical Terminology, Methods and Concepts in China and Mesopotamia, With Some Comments on Claims for the Transmission of Mesopotamian Astronomy to China", *Journal of Astronomical History and Heritage* 16 (2013), 250–260.

- A. Jones and J. M. Steele, "A New Discovery of a Component of Greek Astrology in Babylonian Tablets: The "Terms"", *ISAW Papers* 1 (2011).
- J. M. Steele, "Visual Aspects of the Transmission of Babylonian Astronomy and its Reception into Greek Astronomy", *Annals of Science* 68 (2011), 453–465.
- J. M. Steele, "Newly Identified Lunar and Planetary Tables from Babylon in the British Museum", *SCIAMVS* 11 (2010), 211–239.
- J. M. Steele, "A New Scheme from Babylon for the Synodic Arc of Saturn", *Journal for the History of Astronomy* 41 (2010), 261–268.
- J. M. K. Gray and J. M. Steele, "Studies on Babylonian Goal-Year Astronomy II: The Babylonian Calendar and Goal-Year Methods of Prediction", *Archive for History of Exact Sciences* 63 (2009), 611–633.
- J. M. K. Gray and J. M. Steele, "Studies on Babylonian Goal-Year Astronomy I: A Comparison Between Planetary Data in Goal-Year Texts, Almanacs and Normal Star Almanacs", *Archive for History of Exact Sciences* 62 (2008), 553–600.
- T. Freeth, A. Jones, J. M. Steele and Y. Bitsakis, "Calendars with Olympiad Display and Eclipse Prediction on the Antikythera Mechanism", *Nature* 454 (2008), 614–617.
- P. J. Huber and J. M. Steele, "Babylonian Lunar Six Tablets", *SCIAMVS* 8 (2007), 3–36.
- J. M. Steele and J. M. K. Gray, "A Study of Babylonian Observations Involving the Zodiac", *Journal for the History of Astronomy* 38 (2007), 443–458.
- J. P. Britton, W. Horowitz and J. M. Steele, "BCM A1845-1982.2", *Wiener Zeitschrift für die Kunde des Morgenlandes* 97 (2007), 43–54.
- J. M. Steele, "Celestial Measurement in Babylonian Astronomy", *Annals of Science* 64 (2007), 293–325.
- J. M. Steele, "Greek Influence on Babylonian Astronomy?", *Mediterranean Archaeology and Archaeometry* 6 (2006), 149–156.
- F. R. Stephenson and J. M. Steele, "Astronomical Dating of Babylonian Texts Describing the Total Solar Eclipse of S.E. 175", *Journal for the History of Astronomy* 37 (2006), 55–69.
- J. M. Steele, "Miscellaneous Lunar Tables from Babylon", *Archive for History of Exact Sciences* 60 (2006), 123–155.
- J. M. Steele, "A New Scheme from Uruk for the Retrograde Arc of Mars", *Journal of Cuneiform Studies* 57 (2005), 129–133.
- J. M. Steele, "Four Procedure Texts Concerning Jupiter's Latitude and Synodic Motion from Babylon", *SCIAMVS* 6 (2005), 33–51.
- J. M. Steele, "Ptolemy, Babylon and the Rotation of the Earth", *Astronomy and Geophysics* 46/5 (2005), 11–15.
- L. Brack-Bernsen and J. M. Steele, "Eclipse Prediction and the Length of the Saros in Babylonian Astronomy", *Centaurus* 47 (2005), 181–206.
- J. M. Steele, "'Computation According to the Wisdom of Anuship': Astronomy in Ancient Mesopotamia", *Bulletin of the Canadian Society for Mesopotamian Studies*, 39 (2004), 33–41.
- L. Hollywood and J. M. Steele, "Acronycal Risings in Babylonian Astronomy", *Centaurus*, 46 (2004), 145–162.
- N. A. Roughton, J. M. Steele, and C. B. F. Walker, "A Late Babylonian Normal and Ziqpu Star Text", *Archive for the History of Exact Sciences*, 58 (2004), 537–572.
- J. M. Steele, "Applied Historical Astronomy: An Historical Perspective", *Journal for the History of Astronomy*, 35 (2004), 337–355.
- J. M. Steele, "Planetary Latitude in Babylonian Mathematical Astronomy", *Journal for the History of Astronomy* 34 (2003), 269–289.
- J. M. Steele, "The Use and Abuse of Astronomy in Establishing Absolute Chronologies", *Physics in Canada*, 59 (2003), 243–248.
- J. M. Steele, "The Meaning of BAR DIB in Late Babylonian Astronomical Texts," *Archiv für Orientforschung* 48/49 (2001–2002), 107–112.
- J. M. Steele, "BM 36948: A Saturn Ephemeris Calculated Using System A from Babylon", *Journal for the History of Astronomy*, 33 (2002), 261–264.
- A. J. M. Clarke and J. M. Steele, "A Computer Generated Babylonian System A Lunar Ephemeris", *Journal for the History of Astronomy*, 33 (2002), 279.
- J. M. Steele, "A 3405: An Unusual Astronomical Text from Uruk", *Archive for History of Exact Science* 55 (2000), 103–135.
- J. Fermor and J. M. Steele, "The Design of Babylonian Waterclocks: Astronomical and Experimental Evidence", *Centaurus* 42 (2000), 210–222.
- J. M. Steele, "A Re-Analysis of the Eclipse Observations in Ptolemy's *Almagest*", *Centaurus* 42 (2000), 89–108.
- J. M. Steele, "Eclipse Prediction in Mesopotamia", *Archive for History of Exact Science* 54 (2000), 421–454.
- J. M. Steele and F. R. Stephenson, "Canon of Solar and Lunar Eclipses for Babylon: 750 BC – AD 1", *Archiv für Orientforschung* 44–45 (1997–1998), 195–209.
- J. M. Steele and F. R. Stephenson, "Eclipse Observations Made by Regiomontanus and Walther", *Journal for the History of Astronomy* 29 (1998), 331–344.
- J. M. Steele, "On the use of the Chinese *Hsuan-ming* Calendar to Predict the Times of Eclipses in Japan", *Bulletin of the School of Oriental and African Studies* 61 (1998), 527–533.

- J. M. Steele, "Predictions of Eclipse Times Recorded in Chinese History", *Journal for the History of Astronomy* 29 (1998), 278-285.
- J. M. Steele and F. R. Stephenson, "Astronomical Evidence for the Accuracy of Clocks in Pre-Jesuit China", *Journal for the History of Astronomy* 29 (1998), 25-48.
- J. M. Steele, F. R. Stephenson and L. V. Morrison, "The Accuracy of Eclipse Times Measured by the Babylonians", *Journal for the History of Astronomy* 28 (1997), 337-345.
- J. M. Steele, "Solar Eclipse Times Predicted by the Babylonians", *Journal for the History of Astronomy* 28 (1997), 133-139.
- J. M. Steele and F. R. Stephenson, "Lunar Eclipse Times Predicted by the Babylonians", *Journal for the History of Astronomy* 28 (1997), 119-131.

Chapters in books

- J. M. Steele, "Astronomical, Sequential, and Festive Time in the Late Babylonian New Year Festival", in A. Walter (ed.), *The Temporality of Festivals* (Berlin: De Gruyter), submitted.
- J. M. Steele, "Astral Imagery in Ancient Mesopotamia", in S. Brentjes, R. Brentjes, S. Mastorakou, and D. Schaefer (eds.), *Imagining the Heavens Across Eurasia* (Milan: Mimesis), in press.
- J. M. Steele, "Solar Eclipses Across Early Asia", in H. C. Lange and T. McLeish (eds.), *Eclipse & Revelation: Total Solar Eclipses in Science, History, Literature, and the Arts* (Oxford: Oxford University Press), in press.
- J. M. Steele, "Babylonian Astronomy and Enoch: Some Comments from the Perspective of the History of Babylonian Astronomy", in H. Drawnel (ed.), *The Aramaic Books of Enoch and Related Literature from Qumran* (Leiden: Brill), in press.
- J. M. Steele, "The Universe and Human Destiny", in A. C. Gonzalez-Garcia and J. A. Belmonte (eds.), *The Cultural History of the Universe in Antiquity* (London: Bloomsbury), in press.
- J. M. Steele, "Three Texts Concerning Planetary Periods from Babylon", in D. P. Morgan and Tang Qian (eds.), *Mathematics and Astronomy in Ancient World: Proceedings of the Second International Conference on the History of Mathematics and Astronomy, 2–8 December 2018, Xi'an* (New York: Springer), in press.
- J. M. Steele, "Description, Calculation, Measurement: Different Uses of Numbers and Quantities in Babylonian Astronomy", in K. Chemla, M. Husson, A. Keller and C. Proust (eds.), *Mathematical Practices in the Context of the Astral Sciences* (Dordrecht: Springer), in press.
- Z. Wainer and J. M. Steele, "Astral Commentaries within the Mesopotamian Received Tradition: The Commentary to *Enūma Anu Enlil* 14 and *Šumma Šîn ina Tāmartišu*", in K. Chemla and G. W. Most (eds.), *Mathematical Commentaries in the Ancient World: A Global Perspective* (Cambridge: Cambridge University Press, 2022), 199–277.
- J. M. Steele, "Egypt and Babylon in Eighteenth Century European Histories of Astronomy", in M. Geoga and J. M. Steele (eds.), *The Allure of the Ancient: Receptions of the Ancient Middle East, ca. 1600–1800*, *Intersections* (Leiden: Brill, 2022), 310–342.
- M. Geoga and J. M. Steele, "Introduction", in M. Geoga and J. M. Steele (eds.), *The Allure of the Ancient: Receptions of the Ancient Middle East, ca. 1600–1800*, *Intersections* (Leiden: Brill, 2022), 1–10.
- J. M. Steele, "The Influence of Assyriology on the Study of Chinese Astronomy in the Late Nineteenth and Early Twentieth Centuries", in B. M. Mak and E. Huntington (eds.), *Overlapping Cosmologies in Asia* (Leiden: Brill, 2022), 17–44.
- J. M. Steele, "The Long History of an Imaginary Inscription: Josephus's Two Pillars in Early Modern European Histories of Astronomy", in J. Ben-Dov and F. Rojas (eds.), *Afterlives of Ancient Rock-Cut Monuments in the Near East: Carvings In and Out of Time* (Leiden: Brill, 2021), 402–426.
- J. M. Steele, "Astronomy and Astrology", in B. Jacobs and R. Rollinger (eds.), *A Companion to the Achaemenid Persian Empire* (Wiley-Blackwell, 2021), 1315–1324.
- J. M. Steele, "Babylonian Astronomy", in *The Oxford Classical Dictionary*, digital edition (New York: Oxford University Press, 2021) [doi: 10.1093/acrefore/9780199381135.013.ORE_CLA-08631.R1]
- J. M. Steele, "Their Equinox: Mesopotamian Conceptions of Solstices and Equinoxes", in E. Boutsikas, S. McCluskey and J. M. Steele, *Advancing Cultural Astronomy: Studies in Honour of Clive Ruggles* (New York: Springer, 2021), 35–49.
- J. M. Steele, "Geminus and Babylonian Astronomy", in C. Carman and A. Jones (eds.), *Instruments - Observations - Theories: Studies in the History of Early Astronomy in Honor of James Evans* (New York: ISAW, 2020), 205–212.
- J. M. Steele, "Short Time in Mesopotamia", in K. Miller and S. Symons (eds.), *Down to the Hour: Short Time in the Ancient Mediterranean and the Near East* (Leiden: Brill, 2020), 90–124.
- J. M. Steele, "Time and Space in Ancient Mesopotamia", in A. W. Lassen, E. Frahm and K. Wagensonner (eds.), *Ancient Mesopotamia Speaks* (New Haven: Yale University Press, 2019), 177–183.
- J. Haubold, J. M. Steele and K. Stevens, "Introduction", in J. Haubold, J. M. Steele and K. Stevens (eds.), *Keeping Watch in Babylon: From Evidence to Text in the Astronomical Diaries* (Leiden: Brill, 2019), 1–18.
- J. M. Steele, "The Early History of the Astronomical Diaries", in J. Haubold, J. M. Steele and K. Stevens (eds.), *Keeping Watch in Babylon: From Evidence to Text in the Astronomical Diaries* (Leiden: Brill, 2019), 19–52.

- J. M. Steele, "Astronomical Activity in the 'House of the *āšipus*' in Uruk", in C. Proust and J. M. Steele (eds.), *Scholars and Scholarship in Late Babylonian Uruk* (Dordrecht: Springer, 2019), 147–170.
- C. Proust and J. M. Steele, "Introduction: Scholars, Scholarly Archives and the Practice of Scholarship in Late Babylonian Uruk", in C. Proust and J. M. Steele (eds.), *Scholars and Scholarship in Late Babylonian Uruk* (Dordrecht: Springer, 2019), 1–52.
- J. M. Steele, "Babylonian and Assyrian Astral Science", in A. Jones and L. Taub (eds.), *The Cambridge History of Science, Volume 1: Antiquity* (Cambridge: Cambridge University Press, 2018), 73–98.
- A. Jones and J. M. Steele, "Diodorus on the Chaldeans", in C. J. Crisostomo, E. A. Escobar, T. Tanaka, and N. Veldhuis (eds.), *The Scaffolding of Our Thoughts: Essays on Assyriology and the History of Science in Honor of Francesca Rochberg* (Leiden: Brill, 2018), 333–352.
- W. Horowitz and J. M. Steele, "A Mysterious Circular Tablet with Numbers and Stars", in J. M. Steele and M. Ossendrijver (eds.), *Studies in the Ancient Exact Sciences in Honor of Lis Brack-Bernsen* (Berlin: Edition Topoi, 2017), 225–232.
- J. M. Steele, "A Text Containing Observations of Mars from the time of Nebuchadnezzar II", in J. M. Steele and M. Ossendrijver (eds.), *Studies in the Ancient Exact Sciences in Honor of Lis Brack-Bernsen* (Berlin: Edition Topoi, 2017), 69–81.
- J. M. Steele, "Real and Constructed Time in Babylonian Astral Medicine", in J. Ben-Dov and L. Doering (eds.), *The Construction of Time in Antiquity: Ritual, Art and Identity* (Cambridge: Cambridge University Press, 2017), 69–82.
- J. M. Steele, "Near East Relations: Mesopotamia and Egypt", in A. Jones (ed.), *Time and Cosmos in Greco-Roman Antiquity* (Princeton: Princeton University Press, 2016), 45–62.
- J. M. Steele, "The Circulation of Astronomical Knowledge between Babylon and Uruk", in J. M. Steele (ed.), *The Circulation of Astronomical Knowledge in the Ancient World* (Leiden: Brill, 2016), 93–118.
- J. M. Steele, "Neugebauer's Astronomical Cuneiform Texts and its Reception", in A. Jones, C. Proust and J. M. Steele (eds.), *A Mathematician's Journeys: Otto Neugebauer and Modern Transformations of Ancient Sciences* (Dordrecht: Springer, 2016), 303–332.
- J. M. Steele, "Mesopotamian Astrological Geography", in P. Barthel and G. van Kooten (eds.), *The Star of Bethlehem and the Magi: Perspectives from Experts on the Ancient Near East, the Greco-Roman World, and Modern Astronomy* (Leiden: Brill, 2015), 201–216.
- J. M. Steele, "Astrology and Astronomy", in C. Matthews (ed.), *Oxford Bibliographies in Biblical Studies* (Oxford: Oxford University Press, 2015).
- J. M. Steele, "The Eclipse of Theon and Earth's Rotation", in W. Orchiston, D. Green, and R. Strom (eds.), *New Insights from Recent Studies in Historical Astronomy: Following in the Footsteps of F. Richard Stephenson* (New York: Springer, 2015), 47–51.
- J. M. Steele, "Late Babylonian Astrology", in C. L. N. Ruggles et al. (eds.), *Handbook of Archaeoastronomy and Ethnoastronomy* (New York: Springer, 2015), 1871–1875.
- J. M. Steele, "Babylonian Observational and Predictive Astronomy", in C. L. N. Ruggles et al. (eds.), *Handbook of Archaeoastronomy and Ethnoastronomy* (New York: Springer, 2015), 1855–1862.
- J. M. Steele, "Mesopotamian Calendars", in C. L. N. Ruggles et al. (eds.), *Handbook of Archaeoastronomy and Ethnoastronomy* (New York: Springer, 2015), 1841–1845.
- J. M. Steele, "Astronomy and Politics", in C. L. N. Ruggles et al. (eds.), *Handbook of Archaeoastronomy and Ethnoastronomy* (New York: Springer, 2015), 93–101.
- J. M. Steele, "Late Babylonian *Ziqpu*-Star Lists: Written or Remembered Traditions of Knowledge?", in D. Bawanypeck and A. Imhausen (eds.), *Traditions of Written Knowledge in Ancient Egypt and Mesopotamia*, *Alter Orient und Altes Testament* 403 (Münster: Ugarit-Verlag, 2014), 123–151.
- J. M. Steele, "The 'Astronomical Fragments' of Berossos in Context", in J. Haubold, G. B. Lanfranchi, R. Rollinger, and J. M. Steele (eds.), *The World of Berossos* (Wiesbaden: Harrassowitz, 2013), 107–121.
- J. M. Steele, "Living With a Lunar Calendar in Mesopotamia and China", in J. Ben-Dov, W. Horowitz and J. M. Steele (eds.), *Living the Lunar Calendar* (Oxford: Oxbow Books, 2012), 373–387.
- J. M. Steele, "Astronomy and Culture in Late Babylonian Uruk", in C. L. N. Ruggles (ed.), *Archaeoastronomy and Ethnoastronomy: Building Bridges Between Cultures* (Cambridge: Cambridge University Press, 2011), 331–341.
- J. M. Steele, "Making Sense of Time: Observational and Theoretical Calendars", in K. Radner and E. Robson (eds.), *The Oxford Handbook of Cuneiform Culture* (Oxford: Oxford University Press, 2011), 470–485.
- J. M. Steele, "Goal-Year Periods and Their Use in Predicting Planetary Phenomena", in G. Selz and K. Wagensonner (ed.), *The Empirical Dimension of Ancient Near Eastern Studies – Die empirische Dimension altorientalischer Forschungen* (Wien: LIT Verlag, 2011), 101–110.
- L. Brack-Bernsen and J. M. Steele, "14-Month Intervals of Lunar Velocity and Column Φ in Babylonian Astronomy: Atypical Text C", in G. Selz and K. Wagensonner (ed.), *The Empirical Dimension of Ancient Near Eastern Studies – Die empirische Dimension altorientalischer Forschungen* (Wien: LIT Verlag, 2011), 111–130.

- J. M. Steele, "Mesopotamia and the Middle East", in C. Ruggles and M. Cotte (eds.), *Heritage Sites of Astronomy and Archaeoastronomy in the Context of the UNESCO World Heritage Convention: A Thematic Study* (Paris: ICOMOS, 2010), 113–116.
- J. M. Steele, "Dunthorne, Mayer and Lalande on the Secular Acceleration of the Moon", in A. Jones (ed.), *Ptolemy in Perspective: Use and Criticism of his Work from Antiquity to the Nineteenth Century* (Springer, Dordrecht, 2010), 203–216.
- J. M. Steele, "Science: Mesopotamia", in *New Interpreter's Dictionary of the Bible* (Abingdon Press, Nashville, 2009), volume 5, 132–134.
- J. M. Steele and L. Brack-Bernsen, "A Commentary Text to Enūma Anu Enlil 14", in M. Ross (ed.), *From the Banks of the Euphrates: Studies in Honor of Alice Louise Slotsky* (Eisenbrauns, Winona Hill, 2008), 253–262.
- J. M. Steele, "Eclipse Calculation", in H. Selin (ed.), *Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures*, (Springer, Berlin–Heidelberg–New York, 2008), 734–738.
- J. M. Steele, "Measuring the Heavens in Mesopotamia", in M. P. Zedda and J. A. Belmonte (eds.), *Lights and Shadows in Cultural Astronomy* (Isili: Associazione Archeofila Sarda, 2007), 206–211.
- J. M. Steele, "The Length of the Month in Mesopotamian Calendars of the First Millennium BC", in J. M. Steele (ed.), *Calendars and Years: Astronomy and Time in the Ancient Near East* (Oxbow Books, Oxford, 2007), 133–148.
- L. Brack-Bernsen and J. M. Steele, "Babylonian Mathematicians: Two Mathematical Astronomical-Astrological Texts", in C. Burnett, J. Hogendijk, K. Plofker and M. Yano (eds.), *Studies in the History of the Exact Sciences in Honour of David Pingree* (Brill, Leiden, 2004), 95–125.
- J. M. Steele, "Some Lunar Ephemerides and Related Texts from Babylon", in C. Wunsch (ed.), *Mining the Archives. Festschrift for Christopher Walker on the Occasion of His 60th Birthday* (Dresden: ISLET, 2002), 293–318.
- J. M. Steele, "A Simple Function for the Length of the Saros in Babylonian Astronomy", in J. M. Steele and A. Imhausen (eds.), *Under One Sky: Astronomy and Mathematics in the Ancient Near East* (Münster: Ugarit-Verlag, 2002), 405–420.
- J. M. Steele, "Observation, Theory and Practice in Late Babylonian Astronomy: Some Preliminary Observations", in T. M. Potyomkina and V. N. Obridko (eds.), *Astronomy of Ancient Societies* (Moscow: Nauka, 2002), 110–114 (Russian translation on pp. 115–119.)
- J. M. Steele, "Appendix: The Eclipse Texts", in H. Hunger, *Astronomical Diaries and Related Texts from Babylonia Volume 5: Lunar and Planetary Texts* (Vienna: Österreichische Akademie der Wissenschaften, 2001), 391–399.
- J. M. Steele, "The Latest Dated Astronomical Observation from Babylon", in A. R. Millard (ed.), *Archaeological Science '97* (Archaeopress, Oxford, 2001), 208–211.

Non-refereed journal articles

- J. M. Steele, "Noel M. Swerdlow (1941–2021)", *Archiv für Orientforschung* 55 (2022), 225–226.
- J. M. Steele, "Another Microzodiac Rising Time Text: BM 48166", *NABU* 2018/3 (2018), no. 84, 132.
- J. M. Steele, "A Lunar Six Compendium from the Reign of Nebuchadnezzar II: BM 48644", *NABU* 2018/3 (2018), no. 82, 129–130.
- J. M. Steele, "Remarks on the Sources for the Lunar Latitude Section of Atypical Astronomical Cuneiform Text E", *NABU* 2012/3 (2012), no. 54, 71–72.
- J. M. Steele, "In Memoriam: John P. Britton (1939–2010)", *Historia Mathematica* 38 (2011), 335–337.
- J. M. Steele, "Comete nell'antichità", *Le Stelle* 60 (2008), 44–51.
- J. M. Steele, "In Memoriam: Asger Aaboe (1922–2007)", *Historia Mathematica* 34 (2007), 377–379.
- J. M. Steele, "Tycho e l'eclisse di luna del 1573", *Le Stelle* 12 (2003), 52–57.
- J. M. Steele, "L'astronomia teorica a Babilonia", *l'Astronomia*, 231 (May 2002), 33–41.
- J. M. Steele, "L'astronomia ai tempi di Assurbanipal", *l'Astronomia* 220 (May 2001), 34–43.

Short encyclopaedia entries, etc.

- J. M. Steele, "Almanacs, Babylonian", in R. S. Bagnall, K. Brodersen, C. B. Champion, A. Erskine, and S. R. Heubner (eds.), *The Encyclopedia of Ancient History* (Oxford: Blackwell, 2013), 326.
- J. M. Steele, "Astronomy, Ancient Near East", in R. S. Bagnall, K. Brodersen, C. B. Champion, A. Erskine, and S. R. Heubner (eds.), *The Encyclopedia of Ancient History* (Oxford: Blackwell, 2013), 877–879.
- J. M. Steele, "Ephemerides, Astronomical", in R. S. Bagnall, K. Brodersen, C. B. Champion, A. Erskine, and S. R. Heubner (eds.), *The Encyclopedia of Ancient History* (Oxford: Blackwell, 2013), 2426–2427.
- J. M. Steele, "Goal-Year Texts", in R. S. Bagnall, K. Brodersen, C. B. Champion, A. Erskine, and S. R. Heubner (eds.), *The Encyclopedia of Ancient History* (Oxford: Blackwell, 2013), 2942–2943.
- J. M. Steele, "Sciences, Exact", in R. S. Bagnall, K. Brodersen, C. B. Champion, A. Erskine, and S. R. Heubner (eds.), *The Encyclopedia of Ancient History* (Oxford: Blackwell, 2013), 6075–6076.

Book reviews

- J. M. Steele, "Review of Xiaoyuan Jiang (ed.), *The Studies of Heaven and Earth in Ancient China*, History of Science and Technology in China volume 2", *East Asian Science, Technology, and Medicine*, in preparation.
- J. M. Steele, "Review of F. Rochberg, *Before Nature: Cuneiform Knowledge and the History of Science*", *Journal of the American Oriental Society*, in preparation.
- J. M. Steele, "Review of R. K. Kolev, *The Babylonian Astrolabe: The Calendar of Creation*", *Archiv für Orientforschung*, in preparation.
- J. M. Steele, "Review of J. L. Cooley, *Poetic Astronomy in the Ancient Near East: The Reflexes of Celestial Science in Ancient Mesopotamian, Ugaritic, and Israelite Narrative*", *Journal of the American Oriental Society*, in preparation.
- J. M. Steele, "Review of J. Chabas, *Computational Astronomy in the Middle Ages: Sets of Astronomical Tables in Latin*", *Aestimatio* n.s. 2.2 (2021) 163–166.
- J. M. Steele, "Review of F. Reynolds, *A Babylon Calendar Treatise: Scholars and Invaders in the Late First Millennium BC*", *Journal of Astronomical History and Heritage*, 23 (2020), 682–684.
- J. M. Steele, "Review of K. Stevens, *Between Greece and Babylonia: Hellenistic Intellectual History in Cross-Cultural Perspective*", *Isis* 111 (2020), 657–658.
- J. M. Steele, "Review of H. R. Jacobus, *Zodiac Calendars in the Dead Sea Scrolls and Their Reception in Ancient Astronomy and Astrology in Early Judaism*", *Journal for the History of Astronomy* 48 (2017), 486–487.
- J. M. Steele, "Review of W. Horowitz, *The Three Stars Each: The Astrolabes and Related Texts*", *Journal for the History of Astronomy* 47 (2016), 446–448.
- J. M. Steele, "Review of E. Gehlken, *Weather Omens of Enūma Anu Enlil: Thunderstorms, Wind and Rain (Tablets 44–49)*", *Journal of the American Oriental Society* 135 (2015), 878–880.
- J. M. Steele, "Review of R. Watson and W. Horowitz, *Writing Science Before the Greeks: A Naturalistic Analysis of the Babylonian Astronomical Treatise MUL.APIN*", *Journal of the American Oriental Society* 134 (2014), 150–152.
- J. M. Steele, "Review of G. van Brummelen, *Heavenly Mathematics: The Forgotten Art of Spherical Trigonometry*", *Metascience* 23 (2014), 277–279.
- J. M. Steele, "Review of M. Ossendrijver, *Babylonian Mathematical Astronomy: Procedure Texts*", *Journal for the History of Astronomy* 44 (2013), 363–364.
- J. M. Steele, "Review of M. Geller, *Ancient Babylonian Medicine*", *Aestimatio* 10 (2013), 63–67.
- J. M. Steele, "Review of F. Bretelle-Establet (ed.), *Looking at it from Asia: The Processes that Shaped the Sources of History of Science*", *Isis* 103 (2012), 292–293.
- J. M. Steele, "Review of J. Mebert, *Die Venustafeln des Ammi-saduqa und ihre Bedeutung für die astronomische Datierung der altbabylonischen Zeit*", *Journal for the History of Astronomy* 43 (2012), 247–249.
- J. M. Steele, "Review of C. López-Ruiz, *When the Gods Were Born: Greek Cosmogonies and the Near East*", *Isis* 102 (2011), 156–157.
- J. M. Steele, "Review of G. Van Brummelen, *The Mathematics of the Heavens and the Earth: The Early History of Trigonometry*", *Isis* 101 (2010), 203.
- J. M. Steele, "Review of D. W. Graham, *Explaining the Cosmos: The Ionian Tradition of Scientific Philosophy*", *Annals of Science* 66 (2009), 444–445.
- J. M. Steele, "Review of B. S. Eastwood, *Ordering the Heavens: Roman Astronomy and Cosmology in the Carolingian Renaissance*", *Annals of Science* 66 (2009), 297–299.
- J. M. Steele, "Review of J. Marchant, *Decoding the Heavens*", *Physics World* March 2009, 60–61.
- J. M. Steele, "Review of C. L. Joost-Gaugier, *Measuring Heaven: Pythagoras and His Influence on Thought and Art in Antiquity and the Middle Ages*", *Annals of Science* 65 (2008), 297–299.
- J. M. Steele, "Review of H. Hunger, *Astronomical Diaries and Related Texts from Babylonia. Volume VI: Goal Year Texts*", *Aestimatio* 4 (2007), 142–145.
- J. M. Steele, "Review of I. Spar and W. G. Lambert (eds.), *Cuneiform Texts in the Metropolitan Museum of Art II: Literary and Scholastic Texts of the First Millennium BC*", *Aestimatio* 3 (2006), 44–47.
- J. M. Steele, "Review of E. Reiner and D. Pingree, *Babylonian Planetary Omens Part 4*", *Journal for the History of Astronomy* 37 (2006), 362–363.
- J. M. Steele, "Review of C. Riedweg, *Pythagoras: His Life, Teaching and Influence*", *Annals of Science* 63 (2006), 380–381.
- J. M. Steele, "Review of M. Linnssen, *The Cults of Uruk and Babylon: The Temple Ritual Texts as Evidence for Hellenistic Cult Practice*", *Aestimatio* 2 (2005), 7–10.
- J. M. Steele, "Review of F. Rochberg, *The Heavenly Writing: Divination, Horoscopy, and Astronomy in Mesopotamian Culture*", *Isis* 96 (2005), 267–268.
- J. M. Steele, "Review of Y. Maeyama, *Astronomy in Orient and Occident*", *Journal for the History of Astronomy*, 36 (2005), 351–352.
- J. M. Steele, "Review of A. Imhausen, *Ägyptische Algorithmen*", *Annals of Science* 62 (2005), 411–412.

- J. M. Steele, "Review of G. E. R. Lloyd, *The Ambitions of Curiosity: Understanding the World in Ancient Greece and China* and G. E. R. Lloyd and N. Sivin, *The Way and the Word: Science and Medicine in Early China and Greece*", *Annals of Science* 62 (2005), 404–406.
- J. M. Steele, "Review of J. P. Hogendijk and A. I. Sabra, *The Enterprise of Science in Islam*", *Sixteenth Century Journal* 35 (2004), 1194–1195.
- J. M. Steele, "Review of N. Guicciardini, *Reading the Principia: The Debate on Newton's Mathematical Methods for Natural Philosophy from 1687 to 1736*", *Physics in Canada* 60 (2004), 210.
- J. M. Steele, "Review of J. Hoyrup, *Lengths, Widths, Surfaces: A Portrait of Old Babylonian Algebra and Its Kin*", *Aestimatio* 1 (2004), 1–4.
- J. M. Steele, "Review of H. Hunger and D. Pingree, *Astral Sciences in Mesopotamia*", *Isis* 94 (2003), 358–359.
- J. M. Steele, "Review of Zhentao Xu, D. W. Pankenier and Yaotiao Jiang, *East Asian Archaeoastronomy*", *Physics Today* 54/12 (December 2001), 56.
- J. M. Steele, "Babylonian Astronomy Reassessed (Essay Review of D. Brown, *Mesopotamian Planetary Astronomy-Astrology*)", *Journal for the History of Astronomy* 32 (2001), 356–362.
- J. M. Steele, "Review of A. Jones, *Astronomical Papyri from Oxyrhynchus*", *Journal of the American Oriental Society* 121 (2001), 298–299.
- J. M. Steele, "Review of N. M. Swerdlow (ed.), *Ancient Astronomy and Celestial Divination*", *Annals of Science* 58 (2001), 98–100.
- J. M. Steele, "Babylonian Lunar Theory Reconsidered (Essay Review of L. Brack-Bernsen, *Zur Entstehung der babylonischen Mondtheorie*)", *Isis* 91 (2000), 125–126.
- J. M. Steele, "Review of N. M. Swerdlow, *The Babylonian Theory of the Planets*", *Journal of the American Oriental Society* 119 (1999), 695–696.
- J. M. Steele, "Review of E. Reiner and D. Pingree, *Babylonian Planetary Omens Part 3*", *Journal for the History of Astronomy* 30 (1999), 312–313.
- J. M. Steele, "Review of F. Rochberg, *Babylonian Horoscopes*", *Journal of the American Oriental Society* 119 (1999), 524–525.
- J. M. Steele, "Review of D. E. Duncan, *The Calendar*", *Astronomy Now* 13/4 (1999), 12.
- J. M. Steele, "Review of S. C. McCluskey, *Astronomies and Cultures in Early Medieval Europe*", *Astronomy Now* 13/1 (1999), 12.

Published Abstracts

- J. M. Steele, "The Gnomon in Babylonian Astronomy", in L. Pigatto and V. Zanini (eds.), *Astronomy and its Instruments Before and After Galileo* (CLERP, Padova, 2010), 155.
- J. M. Steele, "Babylonian Predictions of Lunar and Solar Eclipse Times", *Bulletin of the American Astronomical Society* 28 (1996), 1305.

Conference Papers (invited papers noted)

- "Babylonian Methods of Predicting Eclipses", VII Workshop de Epistemología e Historia de la Astronomía, 27–28 October 2022, Buenos Aires, Argentina (invited speaker; online)
- "A New Cuneiform Eclipse Text", Prescription to Prediction, 6–7 October 2022, Baltimore, USA (invited speaker).
- "A New Look at the Images on the Neo-Assyrian Circular Tablet K.8538", Imagining the Sky: The Zodiac and Related Astral Imagery in the Ancient World, 21–23 September 2022, Berlin, Germany (invited speaker).
- "Lalande on Ancient Astronomy and its Applications", 10th European Society for the History of Science Conference, 7–10 September 2022, Brussels, Belgium.
- "Babylonian Ziqpu Star Timings During Lunar Eclipses as a Case of Stellar Time Measurement in Practice", When the Stars Tell Time: Astronomical Timekeeping Practices at Night in Comparative Perspective, 7 July 2022, online.
- "Images in Babylonian Astronomical and Astrological Texts", 26th International Congress of History of Science, Technology and Medicine, 25–31 July 2021, Prague, Czech Republic. (held remotely due to COVID-19).
- "Astronomical, Sequential, and 'Festive' Time in Late Babylonian Rituals", The Temporality of Festivals, 8 July 2021, Einstein Center Chronoi, Berlin, Germany. (held remotely due to COVID-19). (Invited Speaker).
- "Mesopotamian Astronomy in the so-called 'Astronomical Book' of Enoch: A Reappraisal", International Conference on the Aramaic Manuscripts of 1 Enoch, 20–22 October 2020, Institute of Biblical Studies KUL, Lublin, Poland (held remotely due to COVID-19). (Invited Speaker).
- "Babylonian Astronomical Observations and their Potential for Use in Modern Science", Historical Supernovae, Novae, and Other Transient Events, 14–18 October 2019, Lorentz Center, Leiden, The Netherlands. (Invited Speaker).
- "The Length of Life in Babylonian and Greek Astrology", 1st Conference of the International Academy of the History of Science, 12–15 September 2019, Athens, Greece.

- "Late Babylonian Methods for Predicting Lunar and Solar Eclipses", Eclipses in China and Mesopotamia: A Comparative Workshop, 9–13 June 2019, Hefei, China. (Invited speaker)
- "Testing Calculations Using Observations in Babylonian Astronomy", On Cultures of Scientific Practice in Ancient Mathematical Sciences, 10–13 April 2019, Paris, France. (Invited speaker)
- "The Portrayal of Egypt and Babylon in Early Modern Histories of Science", The Allure of the Ancient: Early Modern Receptions of the Ancient Near East, 6–7 April 2019, Providence, USA. (Invited speaker)
- "Life and Death in Babylonian Astrology", 229th Meeting of the American Oriental Society, 15–18 March 2019, Chicago, USA.
- "Planetary Periods in Babylonian Astronomy and Astrology", The 2nd International Conference in History of Mathematics and Astronomy, 2–7 December 2018, Xi'an, China. (Invited speaker)
- "Babylonian Astronomy Outside of Babylon: The Case of Nippur", Scholarship at Nippur, Brown University, 6–7 October 2018, Providence, USA.
- "The Names of the Signs of the Zodiac: Development and Variation", 64th Rencontre Assyriologique Internationale, Innsbruck, Austria, 23–27 July 2018.
- "The Development of Observational Practice in the Late Babylonian Period", In Time: Astronomy and Calendars in the Ancient Near East (5th Regensburg Workshop in Babylonian Astronomy), 12–14 June 2018, Jerusalem. (Invited speaker)
- "Seasonal Hours in Mesopotamia", The Day Unit in Antiquity and the Middle Ages, 10–11 June 2018, Jerusalem. (Invited speaker)
- "The Babylonian Zodiac in Image and Text: Choices, Significance and Societal Meaning", Visualizations of the Heavens, 17–18 April 2018, Berlin, Germany. (Invited speaker)
- "A Comparison of the Relationship between Mathematical Astronomy and the Calendar in China and Babylonia", The Joseph Needham Symposium on Early Cultural and Scientific Transmission across Eurasia with China, 26–27 March 2018, Hong Kong, China. (Invited speaker)
- "Beasts in the Heavens", 228th Meeting of the American Oriental Society, 16–19 March 2018, Pittsburg, USA. (Plenary session)
- "A Re-evaluation of some Claims for Mesopotamian Influence on East Asian Astral Science", East-West Encounter in the Science of Heaven and Earth, 25–27 October 2017, Kyoto, Japan.
- "The Development of the Babylonian Zodiac", Road to the Stars, 18–23 September 2017, Santiago de Compostela. (Invited speaker)
- "Babylonian Astronomy Outside of Babylon: The Case of Nippur", 25th International Congress of History of Science, Technology and Medicine, 23–29 July 2017, Rio de Janeiro, Brazil.
- "A New Look at Early Babylonian Intercalation Procedures", Calendars in Antiquity and the Middle Ages, 3–5 July 2017, London, UK. (Invited speaker).
- "Short Time in Mesopotamia", Down to the Hour: Perspectives on Short Time in the Ancient Mediterranean, 24–25 February 2017, Chicago, USA. (Invited speaker)
- "Astrology at the Reš Temple in Uruk", Scale in Ancient Astrology, 9–10 December 2016, Durham, UK. (Invited speaker)
- "Mesopotamian Astronomical Commentaries", Exploratory Workshop on Ancient Scientific Commentaries, 25–27 August 2016, Berlin, Germany. (Invited speaker, jointly with Zackary Wainer)
- "Citation and Use of MUL.APIN in the Late Babylonian Period", 62nd Rencontre Assyriologique Internationale "Ur", 11–15 July 2016, Philadelphia, USA.
- "Greek Knowledge of Babylonian Observational Astronomy", Weg des Wissens, 27–28 June 2016, Berlin, Germany. (Invited speaker)
- "The Development of Observational Practice and the Early History of the Astronomical Diaries", Keeping Watch in Babylon: From Evidence to Text in the Astronomical Diaries, 24–25 June 2016, Durham, UK. (Invited speaker).
- "The Continued Relevance of MUL.APIN in Late Babylonian Astronomy", Scholars, Priests and Temples: Babylonian and Egyptian Science in Context, 12–14 May 2016, Berlin, Germany. (Invited speaker)
- "Rising Time Schemes in Babylonian Astronomy", Workshop on Early Astronomy in Honour of James Evans, 15 March 2016, Institute for the Study of the Ancient World, New York University, USA.
- "Evidence for the Practice of Astronomy and Astrology in the 'House of the *āšipus*' in Uruk", SEAC 2015 conference: Astronomy in Past and Present Cultures, 9–13 November 2015, Rome, Italy.
- "A Comparison of the Algorithms Found in Different Babylonian Astronomical Texts", Algorithms in the Mathematical Sciences in the Ancient World, 23–29 August 2015, Xi'an, China. (Invited speaker)
- "Drawing Images in Astronomical Texts", 61st Rencontre Assyriologique Internationale "Text and Image", 26–26 June 2015, Geneva and Bern, Switzerland.
- "Babylonian Shadow-Length Schemes: Between Mathematics and Astronomy", Mathematical Practices in the Context of the Astral Sciences, 26–31 March 2015, Paris, France. (Invited speaker)
- "Astronomical Activity in 'House of the *āšupus*' in Uruk" Scholars and Scholarship in Late Babylonian Uruk, 23–24 March 2015, Paris, France. (Invited Speaker)

- "Prediction, Calculation, Description: A Consideration of the Place of Theory in Babylonian Astronomy", 225th Meeting of the American Oriental Society, 13–16 March 2015, New Orleans, USA.
- "Mesopotamian Astrological Geography", The Star of Bethlehem: Historical and Astronomical Perspectives, 23–24 October 2014, Groningen, The Netherlands. (Invited speaker)
- "Neither ACT nor Goal-Year Astronomy: Other Traditions of (Predictive or Theoretical?) Astronomy in the Late Babylonian Period", The 4th Regensburg Workshop on Babylonian Astral Sciences, 14–16 May 2014, Berlin, Germany. (Invited speaker)
- "The Circulation of Astronomical Knowledge Between Babylon and Uruk", The Circulation of Astronomical Knowledge in the Ancient World, 12–13 April 2014, Providence, USA.
- "The Use of Astronomy in Mesopotamian Medicine: Theory and Practice", 24th International Congress of History of Science, Technology and Medicine, 21–28 July 2013, Manchester, UK.
- "Real and Constructed Time in Babylonian Astral Medicine", Constructions of Time in Antiquity, 3–4 March 2013, Durham, UK.
- "Numbers, Signs and Meanings in Babylonian Astral Medicine", 222nd Meeting of the American Oriental Society, 16–19 March 2012, Boston, USA.
- "Mathematical Schemes in Babylonian Astral Medicine", 2012 Joint Mathematics Meeting, 4–7 January 2012, Boston, USA.
- "Late Babylonian *Ziqpu*-Star Lists: Tradition and Development", *Traditions of Written Knowledge in Ancient Egypt and Mesopotamia*, 3–4 December 2011, Frankfurt, Germany. (Invited speaker)
- "A Forgotten Episode in the History of the Moon's Secular Acceleration", Stephensonfest: Studies in Applied Historical Astronomy, 13–16 April 2011, Durham, England.
- "Late Babylonian *Ziqpu*-Star Lists", 221st Meeting of the American Oriental Society, 11–14 March 2011, Chicago, USA.
- "Astronomy and Culture in Late Babylonian Uruk", Ninth 'Oxford' International Symposium on Archaeoastronomy: Archaeoastronomy and Ethnoastronomy: Building Bridges Between Cultures, 5–14 January 2011, Lima, Peru. (Keynote paper)
- "The Impact of Neugebauer's *Astronomical Cuneiform Texts* on mid-20th Century Assyriology and History of Science", A Mathematician's Journeys: Otto Neugebauer between history and practice of the exact sciences, 12–13 November 2010, New York University. (Invited speaker)
- "Berossos Between Babylonian and Greek Astronomy", The World of Berossos, 7–9 July 2010, Durham, England. (Invited speaker)
- "Living with a Lunar Calendar in Mesopotamia and China", Living the Lunar Calendar, 30 January – 1 February 2010. (Keynote paper)
- "From Numerical Schemes to Mechanical Gears: A New Form of the Transmission of Babylonian Astronomy to Greece", Between Orient and Occident – Transformation of Knowledge, 6–7 November 2009, Munich, Germany. (Invited speaker)
- "The Gnomon in Babylonian Astronomy", Astronomy and Its Instruments Before and After Galileo, Venice, Italy, 28 September – 3 October 2009.
- "Mathematical Models or Observational Aids: Shadow Length Schemes in Babylonian Astronomy", 23rd International Congress of History of Science and Technology, 28 July – 2 August 2009, Budapest, Hungary.
- "The Eclipse Inscriptions with the context of Ancient Astronomy", 23rd International Congress of History of Science and Technology, 28 July – 2 August 2009, Budapest, Hungary.
- "Shadows in Babylonian Astronomy", London Ancient Science Conference 2008, 6 December 2008, London, England.
- "Shadows in Babylonian Astronomy", CNRS-NYC Inaugural Workshop on Early Mathematics, 24–25 November 2008, New York, USA. (Invited speaker).
- "The Babylonian Calendar and its Treatment in Astronomical Texts", Worldwide Systems of Time-Reckoning and Sacred Time in Relation to the Ethiopian Calendar, 3–5 June 2008, Addis Ababa, Ethiopia. (Invited speaker)
- "Goal-Year Predictions: Calendrical Issues", Third Regensburg Workshop on Babylonian Astronomy: Goal-Year Astronomy, 28–30 May 2008, Durham, England.
- "A Comparison of Astronomical Terminology and Concepts in China and Mesopotamia", Origins of Early Writing Systems, 5–7 October 2007, Beijing, China.
- "Goal-Year Periods and their use in Predicting Astronomical Phenomena", The Empirical Dimension: Assyriological Contributions. Symposium Hermann Hunger zu Ehren, 18–21 July 2007, Vienna, Austria. (Invited speaker)
- "Dunthorne, Mayer and Lalande on the Secular Acceleration of the Moon", Ptolemy in Perspective: Use and Criticism of His Work from Antiquity to the Present, 31 May – 2 June 2007, Pasadena, California. (Invited speaker)
- "The Solar/Lunar Functions of the Antikythera Mechanism in the Context of Mesopotamian and Greek Astronomy", Decoding the Antikythera Mechanism: Science and Technology in Ancient Greece, 30 November – 1 December 2006, Athens, Greece. (Invited speaker)
- "Ancient and Modern Uses of Babylonian Astronomical Observations", 26th General Assembly of the International Astronomical Union, 14–25 August 2006, Prague, Czech Republic.

- "Greek Influence on Babylonian Astronomy?", SEAC 2006 conference: Ancient Watching at Cosmic Space and Observation of Astronomical Phenomena, 6–11 April 2006, Rhodes, Greece.
- "The Length of the Month in Mesopotamia During the Late Babylonian Period", 7th Notre Dame Workshop on the History of Astronomy, 7–10 July 2005, South Bend, Indiana, USA.
- "Measuring the Heavens in Mesopotamia", SEAC 2005 conference: Lights and Shadows in Cultural Astronomy, 28 June – 3 July 2005, Isili, Sardinia.
- "The Length of the Month in the Late Babylonian Period", Time and Astronomy in Past Cultures, 30 March – 1 April 2005, Torun, Poland.
- "A Normal Star Catalogue", 2nd Regensburg Workshop on Babylonian Astronomy, 26–28 May 2004, Amsterdam, The Netherlands. (Invited speaker.)
- "Applied Historical Astronomy: An Historical Perspective", IAU Science Meeting: Applied Historical Astronomy, 21 July 2003, Sydney, Australia. (Keynote paper.)
- "Late Babylonian Star Catalogues", 6th Notre Dame Workshop on the History of Astronomy, 19–22 June 2003, South Bend, Indiana, USA.
- "Atypical Text F", Workshop on the Atypical Astronomical Cuneiform Texts, 23–25 October 2002, Regensburg, Germany. (Invited speaker.)
- "Some New Procedure Texts for Jupiter", Workshop on Babylonian Astronomy in Honour of Asger Aaboe's 80th Birthday, 26–28 June 2002, Providence, Rhode Island, USA. (Invited speaker.)
- "A Simple Function for the Length of the Saros in Babylonian Astronomy", Under One Sky: Astronomy and Mathematics in the Ancient Near East, 25–27 June 2001, London, England.
- "Observation, Theory and Practice in Late Babylonian Astronomy: Some Preliminary Observations", Astronomy of Ancient Civilisations, 23–29 May 2000, Moscow, Russia.
- "Eclipse Prediction in Mesopotamia", 209th Meeting of the American Oriental Society, 21–24 March 1999, Baltimore, Maryland, USA.
- "The Prediction of Eclipses in Babylonian Astronomy", Annual Meeting of the British Association for Near Eastern Archaeology, 7–9 January 1999, Birmingham, England.
- "The Latest Dated Astronomical Observation from Babylon", Archaeological Sciences '97, 2–4 September 1997, Durham, England.
- "Babylonian Predictions of Lunar and Solar Eclipse Times", 189th Meeting of the American Astronomical Society, 12–16 January 1997, Toronto, Canada.

Invited Lectures and Seminars

- "Exploring the Role of Astrology in Babylonian Society Through the Study of Astral Imagery", 9 July 2021, Max Planck Institute for the History of Science, Berlin, Germany. (online lecture)
- "Eclipses in Ancient Babylonia: Astronomy, Astrology, and Ritual", 9 June 2021, Friends of the Royal Astronomical Society, London, UK. (online lecture)
- "Astronomy in Ancient Babylonia", 13 April 2021, MIT, Cambridge, USA. (guest online lecture to undergraduate class 'Our Space Odyssey').
- "Time as a Point of Intersection between Astronomy and Ritual in First Millennium BC Babylonia", 29 October 2020, Einstein Center Chronoi, Berlin, Germany. (online lecture)
- "Some Unusual Observational(?) Texts from Babylon", 18 January 2020, University of Michigan, USA.
- "Three Score Years and Ten? A Mathematical Scheme for the Length of Life in Babylonian Astrology", 9 December 2019, Seminar, CNRS-SPHERE, Paris, France.
- "The Babylonian Astronomical Diaries as a Historical Source", 8 November 2019, Seminar, University of Pennsylvania, USA.
- "Cycles and Procedures: Eclipse Theories in Ancient Mesopotamia", 20 June 2019, Seminar, Department of History of Science, Tsinghua University, Beijing, China.
- "Astronomy in Ancient Babylonia", 18 June 2019, Seminar, Institute for the Global History of Civilizations, Shanghai International Studies University, Shanghai, China.
- "Science and Civilisation in Ancient Babylon", 13 June 2019, Public Lecture, University of Science and Technology of China, Hefei, China.
- "Approaches to Harmonizing the Moon and the Sun in Calendars Across the Ancient Near East", 10 March 2017, Seminar, Department of Near and Middle Eastern Civilizations, University of Toronto, Canada.
- "Time and the Calendar in Babylonian Astrology", 8 March 2017, Public Lecture, Canadian Society of Mesopotamian Studies, Toronto, Canada.
- "Keeping Track of Time in the Ancient World", 6 March 2017, Public Lecture, Jackman Humanities Institute, University of Toronto, Canada.

"Making a Big Picture out of Small Fragments: How Should We Write the History of Babylonian Astronomy?", 12 December 2016, Seminar, Institute of Advanced Study, Durham University.

"Understanding Marduk's Cosmos: The Development of Astronomy in Ancient Babylonia", 1 November 2016, Public Lecture, Trevelyan College, Durham.

"Collections of Cuneiform Tablets Dealing with the Astral Sciences and their Influence on the Historiography of Mesopotamian Astronomy", 18 October 2016, SAW project seminar, CNRS-SPHERE, Paris, France.

"Reading the Sky in Antiquity", 24 June 2016, Public Lecture, Institute of Advanced Study, Durham University.

"Scientific Texts from Uruk in the Istanbul Museum", 13 January 2016, SAW project text reading seminar, CNRS-SPHERE, Paris, France.

"Abraham Sachs and the History of Babylonian Science", 18 December 2015, SAW project seminar, CNRS-SPHERE, Paris, France.

"A Late Babylonian Reworking of MUL.APIN", 8 October 2015, Text reading seminar, Department of Near Eastern Languages and Civilizations, University of California, Berkeley.

"The Development of Observational and Predictive Astronomy During the Neo-Babylonian Period", 7 October 2015, Lecture, Department of Near Eastern Languages and Civilizations, University of California, Berkeley.

"Numbers and Units in Babylonian Astronomy: The Case of the Rising Time Schemes and the *Ziqui*-Star Texts", 16 January 2015, SAW project seminar, CNRS-SPHERE, Paris, France.

"Description, Calculation, Measurement: Different Uses of Numbers and Quantities in Babylonian Astronomy", 5 January 2015, SAW project seminar, CNRS-SPHERE, Paris, France.

"Science and Culture in Ancient Babylonia", 8 July 2014, Public lecture, Shanghai Jiao Tong University, Shanghai, China.

"Astronomy in the Ancient Western World", 30 June – 11 July 2014, Series of six advanced seminars, School of History and Culture of Science, Shanghai Jiao Tong University, Shanghai, China.

"The Moon as an Archetype in the Development of Babylonian Astronomy", 10 December 2013, Seminar, TOPOI, Berlin, Germany.

"The Ancient Near East", 13 November 2013, Public lecture, North Kingstown Free Library, Wickford, RI, USA.

"Babylonian Astronomy: The Birth of Predictive Science", 27 March 2013, Seminar, Department of Physics and Astronomy, McMaster University, Hamilton, Canada

"Ancient Astronomical Observations and Modern Science", 26 October 2012, Seminar, Ancient Studies Group, SUNY Oneonta, USA

9 October 2012, Seminar, Institute for the Study of the Ancient World, New York University, USA.

"The Transit of Venus: From Antiquity to its First Prediction and Observation", 8 May 2012, Public lecture, Ladd Observatory, Providence, USA

"The Transit of Venus: From Antiquity to its First Prediction and Observation", 28 April 2012, Public lecture, Science Center, Brown University, Providence, USA.

"The Ancient Near East", 26 January 2012, Public lecture, Barrington Public Library, Barrington, RI, USA.

"Shadows in Babylonian Astronomy", 6 December 2011, Seminar, History of Science Group, University of Frankfurt, Germany.

"Anu-bēlšunu: Astronomer and Scribe of Uruk", 13 September 2011, 14th Annual Roderick S. Webster Memorial Lecture, Adler Planetarium, Chicago, USA.

"Anu-bēlšunu: Astronomer and Scribe of Uruk", 7 April 2011, Public lecture, Archaeological Institute of America Central Illinois Chapter, Urbana-Champaign, USA.

"Anu-bēlšunu: Astronomer and Scribe of Uruk", 24 March 2011, Public lecture, Archaeological Institute of America Montreal Chapter, Montreal, Canada.

"Anu-bēlšunu: Astronomer and Scribe of Uruk", 10 March 2011, Public lecture, Archaeological Institute of America Rochester Society, Rochester, USA.

"Babylonian Astronomy", 25 June 2009, Public lecture, Museo Elder De La Ciencia y la Tecnología, Las Palmas, Gran Canaria, Spain.

"Gears, Games, and Eclipses: Recent Research on the Antikythera Mechanism", 13 January 2009, Seminar, Department of Physics, University of Konstanz, Germany.

"Babylonian Astronomy and Astrology", 4 December 2008, Lunchtime lecture associated with the "Babylon" exhibition, The British Museum, England.

"From Constellations to Zodiacal Signs: The Development of Positional Measurement in the Babylonian Sky", 12 November 2008, The Ronald Morten Smith Memorial Lecture, Canadian Society of Mesopotamian Studies, Canada.

"Astronomy and the Calendar in Babylonia during the Late Babylonian Period", 12 November 2008, Ancient Near East seminar series, Department of Near and Middle Eastern Civilisations, University of Toronto, Canada.

"Anu-bēlšunu: Astronomer and Scribe of Uruk", 15 October 2008, Friends of Egyptology lecture, Brown University, USA.

26 February 2008, Seminar, Department of Theology, University of Durham, England.

"Eclipse Prediction and the Length of the Saros in Babylonian Astronomy", 15 February 2008, Seminar, Cape Town Observatory, South Africa.

"Episodes in the History of Astronomy", 13 February 2008, Seminar, Department of Physics, University of Cape Town, South Africa.

"Episodes in the History of Astronomy", 6 February 2008, Public lecture, Bamako University, Mali.

"Was There a Scientific Revolution in Mesopotamian Astronomy?", 26 November 2007, Seminar, School of Oriental and African Studies, University of London, England

"Was There a Scientific Revolution in Mesopotamian Astronomy?", 23 November 2007, Seminar, Archaeoastronomy Group, Leicester University, England.

"Sharing the Sky: Interactions Between Greek and Babylonian Astronomers", 18 June 2007, Seminar, Centre for the Study of the Ancient Mediterranean and the Near East, University of Durham, England.

"New Evidence for the Transmission of Babylonian Astronomy: Within Babylonia and to Greece", 12 June 2007, Seminar, History of Astronomy group, University of Utrecht, The Netherlands.

"From Constellations to Zodiacal Signs: Positional Measurement in Babylonian Astronomy", 27 February 2007, Public Lecture, Brown University, USA

"Eclipse Prediction and the Length of the Saros in Babylonian Astronomy", 15 November 2006, Seminar, Department of Astronomy, Cardiff University, Wales.

"Astronomy in Ancient Mesopotamia", October 2006, Public lecture, Glasgow Astronomical Society, Scotland.

"The Astronomical Career of Anu-bēlšunu of Uruk", 16 March 2006, Seminar, South Kensington History of Science group, University of London, England.

"The Development of the Concept of Latitude in Ancient Astronomy", 12 January 2005, Seminar, Institute for the History and Philosophy of Science and Technology, University of Toronto, Canada.

"Stars, Planets and Scholars in Ancient Iraq", November 2004, Public lecture, Cambridge University Astronomy Society, Cambridge University, England.

"Recent Research on Babylonian Astronomy", 24 September 2004, Seminar, Archaeoastronomy Group, Leicester University, England.

"The Treatment of Eclipses in Babylonian Astronomy", 27 May 2004, Public lecture, University of Amsterdam, The Netherlands.

Spring 2004, Seminar, Institute for the History and Philosophy of Science and Technology, University of Toronto, Canada.

Spring 2003, Seminar, York University, Canada.

"Computation According to the Wisdom of Anuship: Astronomy in Ancient Mesopotamia", 8 February 2003, Public lecture, Canadian Society of Mesopotamian Studies, Canada.

23 October 2002, Public lecture, Universität Regensburg, Germany.

"Computation According to the Wisdom of Anuship: The Practice of Astronomy in Ancient Mesopotamia (c. 750 BC – AD 75)", Spring 2002, Seminar, Department of Astronomy, Imperial College London, England.

Spring 2002, Public lecture, Cleveland Astronomical Society, England.

Autumn 2001, Public lecture, Cambridge University Astronomy Society, Cambridge University, England.

January 1999, Seminar, Dibner Institute for the History of Science and Technology, USA

Summer 1997, Seminar, Department of History, University of Durham, England.

Media Features

Featured interviewee in the PBS documentary "Ancient Skies", directed by Adam Luria (2019).

Featured interviewee in the documentary film "The 2000-Year-Old Computer: Decoding the Antikythera Mechanism", directed by Mike Beckham (2012).

Featured interviewee in the documentary film "The Ancient Astronomers of Timbuktu", directed by Guy Spiller (2009).

Research Grants

External Grants:

March 2019	National Science Foundation: Standard Grant: "Collaborative Research: The Aratus Project on Astronomy and Scientific Writing" (\$41,692)
March 2015	American Philosophical Society: Franklin Research Grant: "Schematic Astronomy in Babylon" (\$6,000)
September 2006	Royal Society: Incoming Short Visit Grant: "Astronomical Manuscripts in Timbuktu in West Africa (Dr Thebe Medupe, South Africa)" (£1,880).
March 2002	British Academy: Visiting Fellowship: "Early Lunar Theory in Babylonian Astronomy (Dr Lis Brack-Bernsen, Germany)" (£2,000).
February 2001	Royal Society: Research Grant: "Astronomical Texts from Babylon" (£3,000).

February 2001 British Academy: British Conference Grant: “Under One Sky: Astronomy and Mathematics in the Ancient Near East” (£1,505).

Internal Grants:

November 2020 Humanities Research Funds (\$1000)
November 2019 Humanities Research Funds (\$1250)
November 2018 Humanities Research Funds (\$1800)
November 2015 Humanities Research Funds (\$700)
April 2015 Global Mobility Program: Faculty Research Grant: “Astronomy and Scholarship in the City of Uruk in Ancient Iraq” (\$7500)
November 2013 Humanities Research Funds (\$1175)
May 2013 Office of the 250th Anniversary Academic Event Grant (\$1000)
November 2012 Humanities Research Funds (\$1550)
November 2009 Humanities Research Funds (\$250)
November 2008 Humanities Research Funds (\$1500)

Service

i. to the University

Brown University (From July 2008 onwards):

Department

Chair (2013–2019)
Director of Graduate Studies (2008–2013; 2021–2022).
Faculty Liaison to the Sheridan Center (2010–2012).
Co-chair of the search committee for Assistant Professor (Assyriology) (2008–2009).
Chair of the search committee for Visiting Assistant Professor (2012).
Member of the search committee for Postdoctoral Research Associate (2013, 2014, 2015, 2016, 2018, 2019 (chair)).
Reappointment committee for Assistant Professor (2009, 2012, 2012 (chair), 2015 (co-chair)).
Tenure committee (2013, (co-chair), 2015 (co-chair), 2016 (chair), 2018 (co-chair))

University Wide

Office of Global Engagement Global Mobility Awards panel (2015).
Strategic Planning Committee on Doctoral Education (2012–2013).
Fulbright awards for graduate students interview panel (2012, 2013).
Graduate Council (2011–2014).
Pingree Prize Committee, Department of Classics (2010–present).
Executive Committee, Joukowsky Institute of Archaeology and the Ancient World (2008–2010).

Durham University (Until June 2008):

University Wide

Steering Committee of the Centre for the Study of the Ancient Mediterranean and the Near East (2007–2008)
Museums Committee (2007–2008)

ii. to the Profession

Committee Work (National and International):

International Astronomical Union Working Group on Astronomical Heritage (2009–present)
Advisory Board, Centre for the Study of the Ancient Mediterranean and the Near East, University of Durham (2008–present)
Royal Astronomical Society Astronomical Heritage Committee (2006–2008, Secretary: 2006–2008)
Nominating Committee, Commission for the History of Ancient and Medieval Astronomy (2012–2013)
President, Commission for the History of Ancient and Medieval Astronomy (2021–2025)

Editorial Roles:

Scientific Writings from the Ancient and Medieval World (bookseries published by Routledge) (founding editor 2014–present)
 Journal of Skyscape Archaeology (editorial board member, 2020–present)
 SCIAMVS (associate editor 2018–present)
 Why the Sciences of the Ancient World Matter: Building bridges between the history of ancient sciences and other fields (bookseries published by Springer) (editorial board member 2016–present).
 Isis (advisory editor 2013–2015)
 Journal for the History of Astronomy (advisory editor 2012–present)
 Wilbour Studies in Egyptology and Assyriology (bookseries published by Lockwood Press) (co-editor 2011–present)
 Time, Astronomy, and Calendars: Texts and Studies (bookseries published by Brill) (editorial board member 2011–present).
 Interpretatio: Sources and Studies in the History of Classical Philosophy and Science (bookseries published by the Institute for Research on Classical Philosophy and Science) (editorial board member 2006–2020).
 Aestimatio: Critical Reviews in the History of Science (review journal published by the Institute for Research on Classical Philosophy and Science) (editorial board member 2004–2020).
 Aestimatio: Sources and Studies in the History of Science, new series (associate editor 2021–present)

Project Advisory Roles:

“Shaping a European Scientific Scene: Alphonsine Astronomy (ALFA)” (CNRS ERC project), director M. Husson (CNRS Paris Observatory). (project runs 2017–2022).
 “Mathematical Sciences in the Ancient World (SAW)” (CNRS ERC project), co-directors K. Chemla, A. Keller, C. Proust (CNRS SPHERE). (project ran 2011–2016)
 “The Geography of Knowledge in Assyria and Babylonia: A Diachronic Comparison of Four Scholarly Libraries”, co-directors: Eleanor Robson (University of Cambridge) and Steve Tinney (University of Pennsylvania). (project ran 2007–2012)
 “Astronomical Manuscripts in Timbuktu”, co-directors: Thebe Medupe (University of Cape Town, South Africa) and S. Sonogo (University of Bamako, Mali). (project ran 2007–2011)
 “Knowledge and Power in the Neo-Assyrian Empire”, co-directors: Eleanor Robson (University of Cambridge) and Karen Radner (University College, London). (project ran 2007–2008)

Tenure, Promotion and Appointment Case Evaluations for:

Abilitazione Scientifica Nazionale, Culture del vicino oriente antico, del medio oriente e dell’Africa, Italian Ministry of University (external evaluator)
 Missouri University of Science and Technology (full professor)
 Boston University (tenure)
 Durham University (associate professor)
 SUNY Oneonta (tenure)
 Shanghai Jiao Tong University (Distinguished Professor appointment)
 University of Chicago (full professor, tenure)
 University of Kent (senior lecturer)
 Union College (tenure)

Peer referee for grant applications to:

Arts and Humanities Research Council (United Kingdom)
 Berlin Graduate School of Ancient Studies (Germany)
 Clare College, Cambridge (United Kingdom)
 CNRS (France)
 Dibner Institute for the History of Science and Technology, MIT (USA)
 Einstein Foundation, Berlin (Germany)
 European Research Council (EU)
 Israel Science Foundation (Israel)
 National Research Foundation (South Africa)
 National Science Centre (Poland)
 National Science Foundation (USA)
 Paris Region Fellowship Programme (France)
 Social Sciences and Humanities Research Council (Canada)

Book proposal/manuscript referee for the following publishers:

The American Philosophical Society
Ashgate
Brill
Eisenbrauns/Penn State University Press
Institute for the Study of the Ancient World / New York University Press
Johns Hopkins University Press
Needham Research Institute
Oxbow Books
Princeton University Press
Routledge
Springer
University College London Press

Article referee for the following journals:

Archaeoastronomy: The Journal of Astronomy in Culture
Archive for History of Exact Sciences
Astronomische Nachrichten
Cambridge Archaeological Journal
Centaurus
Electronic Antiquity
Historia Scientiarum
Isis
Journal for the History of Astronomy
Journal of Ancient Egyptian Interconnections
Journal of Astronomical History and Heritage
Journal of Cosmology
Journal of Cuneiform Studies
Journal of Jewish Studies
Journal of Mediterranean Archaeology
Journal of Skyscape Archaeology
Journal of the American Oriental Society
Mediterranean Archaeology and Archaeometry
Nature
Nexus Network Journal
Nuncius
Perspectives on Science
Proceedings of the American Philosophical Society
SCIAMVS
Science in Context

Conference Organisation:

Member of the organising committee of "International Conference on the Needham Question", Tsinghua University, Beijing, China, 24–26 March 2020. (canceled due to COVID)
Co-organiser (with Guan Yuzhen) of "Eclipses in China and Mesopotamia: A Comparative Workshop", University of Science and Technology of China, Hefei, China, 9–13 June 2019.
Co-organiser (with Margaret Geoga) of "The Allure of the Ancient: Early Modern Receptions of the Ancient Near East", Brown University, 6–7 April 2019.
Member of the scientific organising committee of "The 2nd International Conference in History of Mathematics and Astronomy", Xi'an, China, 2–7 December 2018.
Co-organiser (with M. Rutz) of "Scholarship at Nippur", Brown University, 6–7 October 2018.
Member of the scientific organising committee of "Shifting Grounds of Measurement", Paris, France, 27–29 June 2018.
Co-organiser (with W. Horowitz and J. Fincke) of "In Time: Astronomy and Calendars in the Ancient Near East", 12–15 June 2018.
Member of the scientific organising committee of "East-West Encounters in the Sciences of Heaven and Earth", Kyoto, Japan, 25–28 October 2017.
Member of the international advisory committee of "Ninth International Conference on Oriental Astronomy", Pune, India, 14–19 November 2016.
Reviewing committee of "24th SEAC conference", Bath, UK, 12–16 September 2016.

Co-organiser (with J. Haubold and K. Stevens), of “Keeping Watch in Babylon: From Evidence to Text in the Astronomical Diaries”, University of Durham, 23–25 June 2016.

Member of the scientific committee of “Algorithms in the Mathematical Sciences in the Ancient World”, held at Northwest University (Xi’an, China), 23–30 August 2015.

Co-organiser (with C. Proust) of “Scholars and Scholarship in Late Babylonian Uruk”, held at the CNRS, Paris, 23–24 March 2015.

Organiser of “The Circulation of Astronomical Knowledge in the Ancient World”, held at Brown University, 11–13 April 2014.

Member of the scientific organising committee of “Stephensonfest: Studies in Applied Historical Astronomy”, held at the University of Durham, 13–16 April 2011.

Member of the scientific organising committee of the “Ninth ‘Oxford’ International Symposium on Archaeoastronomy: Archaeoastronomy and Ethnoastronomy: Building Bridges Between Cultures”, held in Lima, Peru, 5–14 January 2011.

Co-organiser (with J. P. Britton, A. Jones, C. Proust) of “A Mathematician’s Journeys: Otto Neugebauer between history and practice of the exact sciences”, held at New York University, 12–13 November 2010.

Co-organiser (with J. Haubold, G. Lanfranchi and R. Rollinger) of “The World of Berossos”, held at the University of Durham, 7–9 July 2010.

Member of the academic committee of the conference “Living the Lunar Calendar”, held on 30 January – 1 February 2010.

Organiser of the “Third Regensburg Workshop on Babylonian Astronomy: Goal-Year Astronomy”, held at the University of Durham on 28–30 May 2008.

Member of the organising committee of the meeting “Preserving the UK’s Astronomical Heritage” at the Royal Astronomical Society on 11 May 2007.

Chair of the organising committee of the session “Calendars and Years” at the 7th Notre Dame Workshop on the History of Astronomy 2005.

Member of the organising committee of the science meeting “Applied Historical Astronomy” at the IAU General Assembly in Sydney 2003.

Co-organiser (with A. Imhausen and C. B. F. Walker) of “Under One Sky: Astronomy and Mathematics in the Ancient Near East”, held at the British Museum on 25–27 June 2001.

External Examiner:

2022: University of California, Berkeley, PhD.

2019: Institute for the Study of the Ancient World, New York University, PhD.
University Paris VII Diderot, PhD.

2017: University Paris VII Diderot, PhD.

2015: University of Basel, Habilitation.

2008: University of Vienna, Habilitation.

Visitors Hosted:

2019: Prof. Teije de Jong (University of Amsterdam, The Netherlands), 3 months

2018: Dr. Gonzalo Recio (Universidad Pedagogica Nacional, Buenos Aires, Argentina), 3 months

2017: Dr. Bill Mak (Kyoto University, Japan), 3 months

2013–2014: Prof. Niu Weixing (Shanghai Jiao Tong University, China), 1 year

2010: Prof. Teije de Jong (University of Amsterdam, The Netherlands), 3 months

2009–2010: Guan Yuzhen (Shanghai Jiao Tong University, China), 1 year (visiting graduate student)

2006: Dr Thebe Medupe (University of Cape Town, South Africa), 2 weeks

2002: Dr Lis Brack-Bernsen (Universität Regensburg, Germany), 3 weeks

Teaching

Brown University (since July 2008):

2021–2022: Astronomy, Divination and Politics in the Ancient World (ASYR 1700), 19 students
Historiography of the Exact Sciences (ASYR 2120), 2 students
Scribal and Scholarly Practices in Babylonia and Assyria (ASYR 2950), 3 students
Reading and Research (ASYR 2980), 1 student (fall semester), 1 student (spring semester)

2020–2021: Babylonian Astronomy (ASYR 2710), 3 students

	Greek Astronomy (ASYR 2720), 4 students Reading and Research (ASYR 2980), 1 student
2019–2020:	Astronomy Before the Telescope (ASYR 1600), 31 students Ancient Scientific Texts: Akkadian (ASYR 2310A), 1 student Scientific Thought in Ancient Iraq (ASYR 1725), 8 students Special Topics in Ancient Science (ASYR 2700), 2 students
2018–2019:	Babylonian Astronomy (ASYR 2710), 2 students Scribal and Scholarly Practices in Babylonia and Assyria (ASYR 2950), 3 students Astronomy, Divination and Politics in the Ancient World (ASYR 1700), 9 students Historiography of the Exact Sciences (ASYR 2120), 1 student Reading and Research (ASYR 2980), 1 student
2017–2018:	Babylon: Myth and Reality (First year seminar) (ASYR 0300), 7 students Babylonian Astronomy (ASYR 2710), 3 students Astronomy Before the Telescope (ASYR 1600), 42 students Topics in Ancient Science (ASYR 2700), 1 student Reading and Research (ASYR 2980), 1 student
2016–2017:	On sabbatical
2015–2016:	Astronomy, Divination and Politics in the Ancient World (ASYR 1700), 14 students Ancient Scientific Texts: Akkadian (ASYR 2310A), 2 students Scribal and Scholarly Practices in Babylonia and Assyria (ASYR 2950), 4 students
2014–2015:	Astronomy Before the Telescope (AWAS 1600), 34 students Time in the Ancient World (AWAS 1650), 4 students
2013–2014:	Astronomy, Divination and Politics in the Ancient World (AWAS 1700), 15 students The Age of Empires: The Ancient Near East in the First Millennium BC (AWAS 1300), 6 students Topics in Ancient Science (AWAS 2700), 1 student
2012–2013:	Time in the Ancient World (AWAS 1650), 10 students Topics in Ancient Science (AWAS 2700), 1 student Astronomy Before the Telescope (AWAS 1600), 85 students Scribes and Scholarship in the Ancient Near East (AWAS 1800), 4 students Reading and Research (AWAS 2980), 1 student (fall semester), 2 students (spring semester)
2011–2012:	Topics in Ancient Science (AWAS 2700), 3 students Historiography of the Exact Sciences (AWAS 2120), 1 student Babylon: Myth and Reality (First year seminar) (AWAS 0300), 3 students Ancient Scientific Texts: Akkadian (AWAS 2310A), 1 student Reading and Research (AWAS 2980), 2 students (spring semester)
2010–2011:	Babylon: Myth and Reality (First year seminar) (AWAS 0300), 15 students Astronomy Before the Telescope (AWAS 1600), 38 students Ancient Scientific Texts: Akkadian (AWAS 2310A), 4 students Astronomy, Divination and Politics in the Ancient World (AWAS 1700), 7 students
2009–2010:	Time in the Ancient World (AWAS 1650), 5 students Topics in Ancient Science (AWAS 2700), 1 student Divination in Ancient Mesopotamia (AWAS 1750), 2 students Ancient Scientific Texts: Akkadian (AWAS 2310A), 1 student Reading and Research (AWAS 2980), 1 student (fall semesters), 1 student (spring semester)
2008–2009	Historiography of the Exact Sciences (HMAT 2120), 2 students Astronomy Before the Telescope (EGYT 1600), 6 students Astronomy, Divination and Politics in the Ancient World (EGYT 1700), 4 students

Undergraduate Advising:

2019–2020:	Freshman Advisor: 5 students Sophomore Advisor: 6 students
2018–2019:	Freshman Advisor: 6 students Sophomore Advisor: 6 students
2017–2018:	Freshman Advisor: 6 students
2015–2016:	Freshman Advisor: 6 students Sophomore Advisor: 3 students
2014–2015:	Freshman Advisor: 3 students
2011–2012:	Freshman Advisor: 4 students Sophomore Advisor: 3 students
2010–2011:	Freshman Advisor: 5 students Sophomore Advisor: 2 students
2009–2010:	Freshman Advisor: 4 students

Graduate Students

Dissertations Directed:

Marc Chapuis, “The Life and Work of Yixing”, Brown University, PhD in progress.
Erica Meszaros, “Algorithms and Algorithmic Cultures in Ancient Babylonian, Greek, and Sanskrit Astronomy”, Brown University, PhD in progress.
M. Willis Monroe, “Advice from the Stars: The Micro-Zodiac in Seleucid Babylonia”, Brown University, PhD 2016.
Guan Yuzhen, “The Treatment of Eclipses in Early Chinese Astral Sciences”, Brown University, PhD 2015.
Jennifer M. K. Gray, “A Study of Babylonian Goal-Year Planetary Astronomy”, Durham University, PhD 2009.
Louise A. Hollywood, “A Study of Babylonian Planetary Records”, Durham University, MSc 2002.

Dissertations Examined as Internal Reader:

Sara Mohr, “Secrecy, Protection, and the Foundations of Knowledge in Ancient Mesopotamia”, Brown University, PhD 2022.
Alex J. Marko, “In Quibuscumque Locis Horologia: The Archaeology of Roman Hourly Timekeeping”, Brown University, PhD 2021.
Zachary M. Rubin, “The Scribal God Nabû in Ancient Assyrian Religion and Ideology”, Brown University, PhD 2021.
Zachary M. Wainer, “The Series *If the Moon at Its Appearance* and Mesopotamian Scholarship of the First Millennium BCE”, Brown University, PhD 2016.

Dissertations Examined as External Reader:

Gil Breger, “*Ziqpu*-stars and Cuneiform Knowledge: Meaning, Applications, Contexts”, University of California, Berkeley, PhD 2022.
Pierre Chaigneau, “Otto Neugebauer, François Thureau-Dangin et l’édition des Texts Mathématiques Cunéiformes dans les années 1930”, Université Paris 7-Diderot, PhD 2019.
Zoë Mirra Misiewicz, “John Lydus and Mesopotamian Celestial Omens in Late Antiquity”, Institute for the Study of the Ancient World, New York University, PhD 2019.
Magali Dessagnes, “La circulation des tablettes cunéiformes mathématiques et la constitution des collections de la fin du XIXe siècle à la première moitié du XXe siècle. Une contribution à l’historiographie des mathématiques mésopotamiennes”, Université Paris 7-Diderot, PhD 2017.

Rita Gautschy, "Studies in Ancient Near Eastern Chronology", University of Basel, Habilitation 2015.
Regine Pruzsinszky, "Mesopotamian Chronology of the 2nd Millennium B.C.: An Introduction to the Textual Evidence and Related Chronological Issues", University of Vienna, Habilitation 2008.