

Michael D. Gordin

I. Personal

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II. Academic Appointments

Rosengarten Professor of Modern and Contemporary History, July 2013-present: Department of History, Dickinson Hall, Princeton University, Princeton, NJ 08544 USA.
Director of Graduate Studies, Program in History of Science, Princeton University, July 2016-present (also July 2010-June 2011).
Associated Faculty, November 2012-present: Department of Slavic Languages and Literatures, East Pyne Hall, Princeton University, Princeton, NJ 08544 USA.
Founding Director, Fung Global Fellows Program, July 2012 to June 2013: Princeton Institute for International and Regional Studies, 319 Aaron Burr Hall, Princeton University, Princeton, NJ 08544 USA. (<http://www.princeton.edu/funggfp>)
Professor, September 2009-June 2013: Department of History, Dickinson Hall, Princeton University, Princeton, NJ 08544 USA.
Director, Program in Russian and Eurasian Studies, July 2009-June 2012: Princeton Institute for International and Regional Studies, 319 Aaron Burr Hall, Princeton University, Princeton, NJ 08544 USA. [Acting Director: July 2008-June 2009.]
Associate Professor, July 2007-August 2009: Department of History, Dickinson Hall, Princeton University, Princeton, NJ 08544 USA.
Visiting Scholar, September 2007-August 2008: Max-Planck Institute for the History of Science, 20 Boltzmannstraße, Berlin, Germany.
Assistant Professor, September 2003-June 2007: Department of History, Dickinson Hall, Princeton University, Princeton, NJ 08544 USA.
Junior Fellow, Harvard Society of Fellows, 2001-2003, 2004-2005: Society of Fellows, 78 Mount Auburn Street, Harvard University, Cambridge, MA 02138 USA.

III. Education

Graduate: Harvard University, 1996-2001. Ph.D. in the History of Science. Thesis: “The Ordered Society and Its Enemies: D. I. Mendeleev and the Russian Empire, 1861-1905.” Committee: Peter L. Galison (chair), Loren R. Graham, and Mario Biagioli.
Undergraduate: Harvard College, 1992-1996. A. B., *Summa Cum Laude*, with Highest Honors in the Concentration of History and Science. Thesis: “‘Trust, but Verify’: Sverdlovsk, Yellow Rain, and the Crisis of Biological Arms Control, 1979-1994.” Advisor: Everett Mendelsohn.

IV. Professional Activities

Conferences:

Workshop Co-Organizer, with Philippe Mongin, “The Limits and Possibilities of Narrative Explanations,” at the Wissenschaftskolleg zu Berlin, 17-18 March 2016.

Workshop Co-Organizer, with G. John Ikenberry, “Nuclear Legacies: A Global Look at the 70th Anniversary of the Hiroshima Bombing,” at Princeton University, 1-2 October 2015.

Workshop Co-Organizer, with Henry Cowles and Daniel Garber, “Structure at 50: Assessing and Reassessing Kuhn and His Legacy,” at Princeton University, 9-10 November 2012.

Workshop Co-Organizer, with Ursula Klein and Carsten Reinhardt, “Scientific Objects and Their Materiality in the History of Chemistry,” at the Max-Planck Institute for the History of Science, Berlin, Germany, 24-26 June 2010.

Workshop Co-Organizer, with Lorraine Daston, “The Strangelovean Sciences: Rationality versus Reason,” at the Max-Planck Institute for the History of Science, Berlin, Germany, 15-16 March 2010.

Conference Co-Organizer, with James Byrne, “The Historical Career of Michael Sean Mahoney,” at Princeton University, 15-16 May 2009.

Workshop Organizer, Social Science Research Council Eurasia Program Dissertation Development Workshop, “Russia/Eurasia in World Context: A Dialogue with European Studies,” at Princeton University, 1-3 May 2009.

Colloquium Series Co-Organizer, with Ekaterina Pravilova, “Rediscovering Imperial Russia,” at Princeton University, Fall 2006-Spring 2007.

Workshop Co-Organizer, with Helen Tilley, “Science at the Crossroads: Geopolitics, Marxism, and Seventy-Five Years of Science Studies,” at Princeton University, 31 March-1 April 2006.

Workshop Co-Organizer, with Angela N. H. Creager, “Atomic Sciences,” at Princeton University, 4-5 November 2004.

Conference Co-Organizer, with Karl Hall and Alexei Kojevnikov, “Intelligentsia: Russian Science on the World Stage,” University of Georgia, Athens, 29-31 October 2004.

Workshop Organizer, Third Annual Harvard-Princeton Workshop on the History of the Physical Sciences, at Harvard University, May 1998.

Disciplinary:

Chair of the Editorial Board, *Historical Studies in the Natural Sciences*, 2014-present (Associate Editor 2007-2013, Book Reviews co-editor 2007-2011).

History of Science Society Activities: Committee on Publications, 2013-present; Council, 2013-2015; Committee on Meetings and Programs, 2010-2012; Program Co-Chair, with Matthew L. Jones, of the Annual Meeting, Cleveland, 2-5 November 2011; Editorial Board, *Osiris*, Fall 2007-Fall 2011.

Editorial Board Member, *Metascience*, 2009-present.

Member, Board of Directors, Philadelphia Area Center for the History of Science (PACHS), 2008-2013. [Co-Chair of Committee on Programs, 2011-2013.]

Editorial Board Member, Princeton University Press, January 2010-August 2011.

Fellowships Reviewer: National Science Foundation, National Endowment for the Humanities, Social Sciences Research Council.

Manuscript referee for University of Chicago Press, MIT Press, Oxford University Press, Princeton University Press, Stanford University Press, Cambridge University Press, Catholic University Press, *Russian Review*, *Social Studies of Science*, *Slavic Review*, *Kritika*, *Centaurus*, *Journal for the History of Astronomy*.

Member: History of Science Society; Association for Slavic, East European, and Eurasian Studies.

University Service:

Executive Committee, Council on Science and Technology, Summer 2016-present.

Executive Committee, Program in Translation and Intercultural Communications, Summer 2011-present.

Executive Committee, Program in Information Technology and Society, Summer 2010-present.

Executive Committee for the Program in Russian and Eurasian Studies, Princeton University, 2004-present.

Member, Task Force for the Future of the Humanities, Fall 2014-Spring 2015.

Steering Committee, Princeton Digital Humanities Initiative, Summer 2013-Fall 2014.

Committee on Discipline, Summer 2012-Summer 2013.

Faculty Fellow, Society of Fellows, Princeton University, Summer 2012-Summer 2013.

Committee on Examinations and Standing, Princeton University, Fall 2008-Spring 2010.

Library Search Committee: Slavic Bibliographer (2012).

Faculty Search Committees, Department of History, Princeton University: Early Modern Science (2012), Early Modern Science (2011), Modern American Race and Policy (2010); Modern American Gender and Sexuality (2007); Imperial Russia (2005); Byzantium (2004).

Executive Committee for the Shelby Cullom Davis Center for Historical Studies, Spring 2006-Summer 2011.

Executive Secretary of the Shelby Cullom Davis Center for Historical Studies, 2006-2007.

Faculty Committee on Grading, Princeton University, Fall 2005-Spring 2007.

V. Teaching

Princeton University:

Humanities 218-219: "Interdisciplinary Approaches to Western Culture," Spring 2017.

History 292: "Science and the Modern World," Fall 2016, Fall 2012, Fall 2008, Fall 2006, Fall 2005, Fall 2003.

Humanities 305/Translation 306/ European Cultural Studies 305: "Imagined Languages," with Joshua T. Katz, Spring 2015, Spring 2013.

History 599: "Global Science," Spring 2015, Spring 2013.

History 391: "History of Contemporary Science," Fall 2014.

History 498: "History of Pseudoscience," Spring 2014.

Freshman Seminar 173: "Einstein," Fall 2013.

Engineering/Sociology/History 277: "Technology and Society," Spring 2011, Spring 2010.

History 553: "Boundaries of Knowledge in the European Context," Fall 2010.

History 397: "Translation in the History of Science," Fall 2009.

History 599: "Biography," Spring 2009.

History 495: "The Soviet Science System," Fall 2008.

History 599: "Genres of Scientific Communication," with Eileen Reeves, Spring 2007.

History 500: "Introduction to the Professional Study of History," with Molly Greene, Fall 2006.

History 497: "Nuclear History," Spring 2006.

History 400: "Junior Seminar: Pseudoscience," Fall 2005.

History 360: "Imperial Russia," Spring 2004.

History 599: "Hot Topics: Radioactive Sciences," with Angela Creager, Spring 2004.

Senior (18) and Junior (24) individual thesis advising.

Dissertation defense committees: as advisor: Gregory Ferguson-Cradler (2016), Michael Barany (2016), Evan Hepler-Smith (2016), Iain Watts (2015), Ksenia Tatarchenko (2013), William Deringer (2012), Benjamin Gross (2011), Christopher McDonald (2011), Melinda Baldwin (2010), Jeris Stueland Yruba (2008), Catherine Nisbett (2007); as reader: Kjell Ericson (2015), Margarita Fajardo (2015), Henry Cowles (2014), Anne O'Donnell (2014), Benjamin Wilson (2014, MIT), Margaret Schotte (2014), Daniel Trambaiolo (2013), Diana Kurkovsky West (2013), Daniel Stolz (2013), Tuna Artun (2012), Yulia Frumer (2012), Anna Geltzer (Cornell, 2011), Nathan Ha (2011), Pey-Yi Chu (2011), Jeffrey Hardy (2011), Martin Ruehl (2010), Alistair Sponsel (2009), Jakub Novák (2008), Doogab Yi (2008), Rebecca Press Schwartz (2008), John DiMoia (2007),

Tania Munz (2007), Ole Molvig (2006), Joseph November (2006), Matthew Wisniewski (2005).

VI. Academic Honors and Fellowships

Fellow at the Wissenschaftskolleg zu Berlin, September 2015-July 2016.
Graduate Mentoring Award, Princeton University, Spring 2011.
Fellow of the John Simon Guggenheim Foundation, 2011.
National Endowment for the Humanities Fellowship (Award number FA-55650-11, June 2011 to May 2012).
American Council of Learned Societies Fellowship for 2011-2012 (declined).
Behrman Associate Professor, Council of Humanities (Princeton University, 2008-2010).
Roy G. Neville Prize in Bibliography or Biography (for *A Well-Ordered Thing*, Chemical Heritage Foundation, November 2007).
Jonathan Edwards Bicentennial Preceptorship (Princeton University, July 2006-July 2009)
Basic Prize in the History of Science (for *A Well-Ordered Thing*, Basic Books, November 2002)
Milton Fund Award (Harvard University, January-December 2002)
Merit Fellowship (Harvard University, Spring 2000)
Individual Advanced Research Fellowship (IREX, Fall 1999-Spring 2000)
Certificate of Distinction in Teaching (twice awarded, Harvard University, January 1999 and September 2000)
Henry and Ida Schuman Prize (History of Science Society, October 1998)
Davis Center Research Travel Grant (Davis Center for Russian Studies, Harvard University, Summer 1997)
Graduate Research Fellowship (National Science Foundation, April 1997)
Graduate National Scholarship (Harvard University, Fall 1996)
Fellow in Humanistic Studies (Andrew W. Mellon Foundation, April 1996)
Merle Fainsod Award (Davis Center for Russian Studies, Harvard University, April 1996)
Thomas Temple Hoopes Prize (Harvard University, April 1996)
Robert and Maurine Rothschild Prize (Harvard University, April 1996)
James Bryant Conant Award (Harvard University, April 1996)
Phi Beta Kappa Society (Harvard University, November 1995)
Younger Scholar Award (National Endowment for the Humanities, Summer 1995)

VII. Publications

Books:

Einstein in Bohemia, in preparation.

Scientific Babel: How Science Was Done Before and After Global English (Chicago: University of Chicago Press, 2015); *Scientific Babel: The Language of Science from the Fall of Latin to the Rise of English* (London: Profile Books, 2015). [Reviews: *Library Journal* (1 March 2015); *Nature* 519 (12 March 2015): 514-515; *Prospect Review* (April 2015); *Literary Review* (1 April 2015): 37; *Scientific American* 312, no. 4 (April 2015); *The Guardian* (2 April 2015); *Times Higher Education* (9 April 2015); *Science* 348, no. 6231 (10 April 2015): 192; *Süddeutsche Zeitung* (22 April 2015); *New Scientist* (2 May 2015): 45-46; *Financial Times* (London) (11 May 2015); *Wall Street Journal* (19 June 2015); *Science News* 188, no. 2 (25 July 2015): 30; *Frankfurter Allgemeine Zeitung* (29 July 2015): 10; *Public Books*, 15 September 2015, available on <http://www.publicbooks.org/briefs/speaking-in-science>; *Chemistry World* (5 November 2015); *London Review of Books* 32, no. 23 (3 December 2015): 23-26; *Language Problems & Language Planning* 39, no. 3 (2015): 312-318; *Choice* 53, no. 5 (January 2016); *Metascience* 25, no. 1 (March 2016): 125-129; *Distillations* 2, no. 1 (Spring 2016): 41; *Journal of American History*

- 102 (June 2016): 165-166; *Isis* 107, no. 3 (September 2016): 665-666; *Bioenergia em revista: diálogos* 6, no. 2 (December 2016): 123-128.] Named as one of the top 20 science books of 2016 by *Nature*.
- How Reason Almost Lost Its Mind: The Strange Career of Cold War Rationality*, with Paul Erickson, Judy Klein, Lorraine Daston, Rebecca Lemov, and Thomas Sturm (Chicago: University of Chicago Press, 2013). [Reviews: *Science* 343 (3 January 2014): 28-29; H-Diplo, H-NET Reviews, February 2014 (<http://www.h-net.org/reviews/showrev.php?id=40665>); *HOPOS* 4, no. 2 (Fall 2014): 358-361; *Endeavour* 38, no. 3-4 (2014): 146; *American Historical Review* 120 (February 2015): 287-289; *Isis* 106, no. 2 (June 2015): 501-502; *Journal of the History of Economic Thought* 38, no. 4 (December 2016): 571-575.]
- The Pseudoscience Wars: Immanuel Velikovsky and the Birth of the Modern Fringe* (Chicago: University of Chicago Press, 2012). [Reviews: *Publishers Weekly* (11 June 2012); *Library Journal* (1 August 2012); *Times Higher Education Supplement*, book-of-the-week featured review (4 October 2012); *Science* 338 (12 October 2012): 194-195; *Wall Street Journal* (23 October 2012): A15; *Nature* 490 (25 October 2012): 480-481; *London Review of Books* 34, no. 21 (8 November 2012): 35-38; *CHOICE* (February 2013); *Inside Higher Ed* (6 February 2013); *Frankfurter Allgemeine Zeitung* (12 February 2013): 26; *Chemical Heritage* 31, no. 1 (Spring 2013): 47; *Dynamis* 33, no. 2 (2013): 528-531; *Quest: The History of Spaceflight* 21, no. 1 (2014): 1-2; *American Historical Review* 119 (2014): 199-200; *Journal of American History* 100 (March 2014): 1265-1266; *The Nation* (14 April 2014); *British Journal for the History of Science* 47, no. 1 (2014): 386-387; *Journal for the History of Astronomy* 45 (November 2014): 504-506; *Historical Studies in the Natural Sciences* 46, no. 1 (2016): 101-109.] [Chapter 1 excerpted as “The Pseudoscience Wars,” *Cosmos* {Australia}, no. 48 (December 2012/January 2013): 36-43.]
- Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly* (Farrar, Straus and Giroux, 2009). Paperback edition published by Picador in December 2010. A *New York Times* Book Review Editors’ Choice. [Reviews: *Booklist* (1 July 2009), starred review; *Library Journal* (15 July 2009); *Publishers Weekly* (3 August 2009); *Milwaukee Journal-Sentinel* (3 October 2009); *New York Times* (10 January 2010); *Historical Studies in the Natural Sciences* 40 (2010): 259-267; H-Diplo Roundtable Review, 11, no. 28 (3 June 2010), with author response; *American Scientist* 98 (July-August 2010); *Metascience* 20 (2011): 443-465, symposium with author response; *Isis* 103, no. 2 (June 2012): 426-427.] [Translated into Polish as *Truman, Stalin i koniec monopolu atomowego*, tr. Tadeusz Markowski (Warsaw: Prószyński i S-ka, 2010).]
- Five Days in August: How World War II Became a Nuclear War* (Princeton: Princeton University Press, 2007); paperback edition with a new preface by the author, 2015. [Reviews: *Washington Post* (11-17 March 2007): BW2; *Washington Times* (17 June 2007); *Science* 317 (3 August 2007): 598-599; *Journal of American History* 94, no. 2 (2007): 618-619; *Teaching History: A Journal of Methods* 32, no. 2 (2007); *Foreign Affairs* 86, no. 6 (2007); *Pacific Historical Review* 77 (May 2008): 360-361; *Endeavour* 33, no. 2 (2009): 44-45; H-NET, December 2009 (<http://www.h-net.org/reviews/showrev.php?id=15573>)] [Translated into Estonian as *5 Augustipäeva: Kuidas II Maailmasõjast Sai Tuumasõda*, tr. Jaanus Õunpuu (Tallinn: Kirjastus Varrak, 2008); translated into Japanese as *Genbaku tōka to Amerikajin no kaku ninshiki: tsūjō heiki kara “kaku” heiki he*, tr. Hayashi Yoshikatsu, Fujita Satoshi, and Takei Nozomi (Tokyo: Sairyūsha, 2013).]
- A Well-Ordered Thing: Dmitrii Mendeleev and the Shadow of the Periodic Table* (New York: Basic Books, 2004). [Prizes: Roy G. Neville Prize in Bibliography or Biography (2007); Basic Prize in the History of Science (2002)] [Reviews: *Chemical & Engineering News* 82, no.21 (24 May 2004): 55-56; *Moscow Times*, 6 August 2004: 104; *Nature* 430 (19 August 2004): 834-835; *Discover* (November 2004); *Library Journal* (1 April 2005), naming the book a “Best Sci-Tech Book” of 2004; *Physics Today* (June 2005); *London Review of Books* (7 July 2005), reprinted in *Chemical Heritage* 24, no. 3 (Fall 2006): 45-47; *Isis* 96 (2005): 289-291; *Foundations of Chemistry* 7, no. 3 (October 2005): 315-319; *Journal of the History of Economic Thought* 27, no. 4 (December 2005): 467-470; *Slavic Review* 66 (2007): 345-346.]

Edited Volumes and Special Issues:

- “The Languages of Scientists,” special issue edited with Kostas Tampakis, *History of Science* 53, no. 4 (December 2015): 365-455.
- “Fifty Years of *The Structure of Scientific Revolutions*,” special issue edited with Erika Lorraine Milam, *Historical Studies in the Natural Sciences* 42, no. 5 (November 2012): 476-580.
- Utopia/Dystopia: Conditions of Historical Possibility*, with Gyan Prakash and Helen Tilley (Princeton: Princeton University Press, 2010).
- Intelligentsia Science: The Russian Century, 1860-1960*, with Karl Hall and Alexei B. Kojevnikov, special issue of *Osiris*, v. 23 (Chicago: University of Chicago Press, 2008).
- Science and Society: The History of Modern Physical Science in the Twentieth Century*, volume 1: *Making Special Relativity*, with Peter Galison and David Kaiser (New York: Routledge, 2001).
- Science and Society: The History of Modern Physical Science in the Twentieth Century*, volume 2: *Making General Relativity*, with Peter Galison and David Kaiser (New York: Routledge, 2001).
- Science and Society: The History of Modern Physical Science in the Twentieth Century*, volume 3: *Physical Science and the Language of War*, with Peter Galison and David Kaiser (New York: Routledge, 2001).
- Science and Society: The History of Modern Physical Science in the Twentieth Century*, volume 4: *Quantum Histories*, with Peter Galison and David Kaiser (New York: Routledge, 2001).

Articles:

- “Tolstoy Sees Foolishness, and Writes: From *On Life* to *Fruits of Enlightenment*, and Back Again,” in preparation.
- “The Walker and the Wake: Analysis of Non-Intrinsic Philological Isolates,” with Joshua T. Katz, in preparation.
- “Lysenko Unemployed: Soviet Genetics after the Aftermath,” under review at *Isis*.
- “The Trials of Arnošt K.: The Dark Angel of Dialectical Materialism,” *Historical Studies in the Natural Sciences* (forthcoming 2017).
- “The Dostoevsky Machine in Georgetown: Scientific Translation in the Cold War,” *Annals of Science* 73, no. 2 (2016): 208-223.
- “Crab Nebulous,” in Wendy Doniger, Peter Galison, and Susan Neiman, eds., *What Reason Promises: Essays on Reason, Nature, and History* (Berlin: Walter de Gruyter, 2016): 206-214.
- “The Unseasonable Grooviness of Immanuel Velikovsky,” in David Kaiser and W. Patrick McCray, eds., *Groovy Science: Knowledge, Innovation, and American Counterculture* (Chicago: University of Chicago Press, 2016): 207-237.
- “Espiritismo ruso: Ciencia y conocimiento público,” tr. Annette Mülberger, in Annette Mülberger, ed., *Los límites de la ciencia: Espiritismo, hipnotismo y el estudio de los fenómenos paranormales (1850-1930)* (Madrid: Consejo Superior de Investigaciones Científicas, 2016): 247-282.
- “Science, Technology, and Medicine,” in Deborah Martinsen and Olga Maiorova, eds., *Dostoevsky in Context* (Cambridge: Cambridge University Press, 2015): 114-121.
- “Myth 26: That a Clear Line of Demarcation Has Separated Science from Pseudoscience,” in Ronald R. Numbers and Kostas Kampourakis, eds., *Newton’s Apple and Other Myths about Science* (Cambridge, MA: Harvard University Press, 2015): 219-225.
- “‘What a Go-A-Head People They Are!’: The Hostile Appropriation of Herbert Spencer in Imperial Russia,” in Bernard Lightman, ed., *Global Spencerism: The Communication and Appropriation of a British Evolutionist* (Leiden: Brill, 2015): 13-34.
- “Hydrogen Oxygenovich: Crafting Russian as a Language of Science in the Late Nineteenth Century,” *History of Science* 53, no. 4 (December 2015): 417-437.
- “Introduction: The Languages of Scientists,” with Kostas Tampakis, *History of Science* 53, no. 4 (December 2015): 365-377.

- “Foreword,” in Jenny Andersson and Eglė Rindzevičiūtė, eds., *The Struggle for the Long Term in Transnational Science and Politics: Forging the Future* (New York: Routledge, 2015): xi-xv.
- “Chemical Linguistics.” *Chemistry World* (24 June 2015), <http://www.rsc.org/chemistryworld/2015/06/chemical-linguistics-language-michael-gordin>.
- “Tongue-Tied Nation.” *The Chronicle Review* (27 March 2015): B4-B5.
- “What to Say after Nuclear War,” Part 1: “The Nuclear Novel and Language,” published February 2015, <http://histscifi.com/essays/gordin/languages.html>.
- “Absolute English.” *Aeon* (4 February 2015), <http://aeon.co/magazine/science/how-did-science-come-to-speak-only-english/>.
- “Evidence and the Instability of Biology.” *American Historical Review* 119, no. 5 (December 2014): 1621-1629.
- “The Soviet Science System,” *The Point*, no. 8 (Summer 2014): 118-127.
- “Preface.” *Historical Studies in the Natural Sciences* 44, no. 1 (January 2014): 1-2.
- “The Table and the Word: Translation, Priority, and the Periodic System of Chemical Elements,” *Ab Imperio*, no. 3 (2013): 53-82.
- “Mikhail Lomonosov (1711-1765),” in Steve Norris and Willard Sunderland, eds., *Russia’s People of Empire: Life Stories from Eurasia, 1500 to the Present* (Bloomington: Indiana University Press, 2012): 71-80.
- “Abgrenzung und Demokratie: Die politischen Valenzen der Wissenschaftsgrenze,” tr. Joachim Schulte. In Michael Hagner, ed., *Wissenschaft und Demokratie* (Berlin: Suhrkamp, 2012): 70-87.
- “The Textbook Case of a Priority Dispute: D. I. Mendeleev, Lothar Meyer, and the Periodic System,” in Jessica Riskin and Mario Biagioli, eds., *Nature Engaged: Science in Practice from the Renaissance to the Present* (New York: Palgrave Macmillan, 2012): 59-82.
- “Where Are the Pseudohistory Wars?,” *History News Network* (31 December 2012). [Available at <http://hnn.us/articles/where-are-pseudohistory-wars>.]
- “A Repository for More than Anecdote: Fifty Years of *The Structure of Scientific Revolutions*,” with Erika Lorraine Milam, *Historical Studies in the Natural Sciences* 42, no. 5 (November 2012): 476-478.
- “Separating the Pseudo from Science,” *The Chronicle Review* (17 September 2012). [Abridged and translated into Finnish by Anna Ovaska as “Miten erottaa ‘pseudo’ ‘tieteestä,” *Niin & Näin* 4, no. 75 (2012): 12-15.]
- “History of Science Society Annual Meeting, 2011: The Program,” with Matthew L. Jones, *Isis* 103 (2012): 356-357.
- “Translating Textbooks: Russian, German, and the Language of Chemistry,” *Isis* 103 (2012): 88-98.
- “The Weekday Chemist: The Training of Aleksandr Borodin,” in Jed Z. Buchwald, ed., *A Master of Science History: Essays in Honor of Charles Coulston Gillispie*, *Archimedes* 30 (Berlin: Springer, 2012): 137-164.
- “Dmitrii Ivanovich Mendeleev (1834-1907),” in Robin Findlay Hendry and Andrea I. Woody, eds., *Philosophy of Chemistry*, vol. 6 of the *Handbook of the Philosophy of Science* (Amsterdam: Elsevier, 2012): 79-87.
- “How Lysenkoism Became Pseudoscience: Dobzhansky to Velikovsky,” *Journal of the History of Biology* 45, no. 3 (2012): 443-468.
- “‘True GRIT’: Rationalität, nukleare Abrüstung und Semantik,” tr. Felix Kurz, in Bernd Greiner, Tim B. Müller, and Claudia Weber, eds., *Macht und Geist im Kalten Krieg: Studien zum Kalten Krieg*, v. 5 (Hamburg: Hamburger Edition, 2011): 498-516.
- “Seeing Is Believing: Professor Vagner’s Wonderful World,” in Lorraine J. Daston and Elizabeth Lunbeck, eds., *Histories of Scientific Observation* (Chicago: University of Chicago Press, 2011): 135-155.
- “Introduction: Utopia and Dystopia beyond Space and Time,” with Helen Tilley and Gyan Prakash, in Michael Gordin, Helen Tilley, and Gyan Prakash, eds., *Utopia/Dystopia: Conditions of Historical Possibility* (Princeton: Princeton University Press, 2010): 1-17.

- “Die Periodentafel oder Atombilder wider Willen,” in Charlotte Bigg and Jochen Hennig, eds., *Atombilder: Ikonografien des Atoms in Wissenschaft und Öffentlichkeit des 20. Jahrhunderts* (Göttingen: Wallstein Verlag, 2009): 43-50.
- “U.N. Shifts Strategy for Nuclear Arms Control,” *Los Angeles Times* (13 October 2009).
- “To Catch a Bug,” *Cabinet*, no. 34 (Summer 2009): 89-95.
- “Points Critical: Russia, Ireland, and Science at the Boundary,” *Osiris* 24 (2009): 99-119.
- “Running in Circles: The Heidelberg *Kruzhok* and the Nationalization of Russian Chemistry,” in Grégoire Mallard, Catherine Paradeise, and Ashveen Peerbaye, eds., *Global Science and National Sovereignty: Studies in Historical Sociology of Science* (New York: Routledge, 2009): 40-62.
- “Was There Ever a ‘Stalinist Science’?,” *Kritika* 9 (2008): 625-639.
- “Introduction: Intelligentsia Science Inside and Outside Russia,” co-authored with Karl Hall, in Michael D. Gordin, Karl Hall, and Alexei B. Kojevnikov, eds., *Intelligentsia Science*, special issue of *Osiris* 23 (2008): 1-19.
- “The Heidelberg Circle: German Inflections on the Professionalization of Russian Chemistry in the 1860s,” in Michael D. Gordin, Karl Hall, and Alexei B. Kojevnikov, eds., *Intelligentsia Science*, special issue of *Osiris* 23 (2008): 23-49.
- “Eremeev, Pavel Vladimirovich,” in George N. Ryne, ed., *The Supplement to the Modern Encyclopedia of Russian, Soviet and Eurasian History* (Gulf Breeze, Florida: Academic International Press, 1995-), Volume 19 [2008]: 204-205.
- “Okhota za prizrakov: Dmitrii Ivanovich Mendeleev i spiritizm [Chasing Ghosts: Dmitry Ivanovich Mendeleev and Spiritualism],” tr. E. A. Pravilova and I. A. Khristoforov. *Istoricheskie zapiski* 10 (128) (2007): 251-289.
- “Science after the Party,” *Departures* (October 2007).
- “Without Parallels?: Averting a Schweberian Dystopia,” in Jürgen Renn and Kostas Gavroglu, eds., *Positioning the History of Science* (Berlin: Springer, 2007): 65-68.
- “D. I. Mendeleev: Reflecting on His Death in 1907,” *Angewandte Chemie* 46 (2007): 2758-2765.
- “Le Premier Cercle’: le *Kruzhok* de Heidelberg et la nationalisation de la chimie russe.” *Sociologie du Travail* 48 (2006): 286-307.
- “Facing the Music: How Original Was Borodin’s Chemistry?,” *Journal of Chemical Education* 83 (April 2006): 561-565.
- “Arduous and Delicate Task: Ekaterina Dashkova, the Academy of Sciences, and the Taming of Natural Philosophy,” in Sue Ann Prince, ed., *The Princess and the Patriot: Ekaterina Dashkova, Benjamin Franklin, and the Age of Enlightenment* (Philadelphia: American Philosophical Society, 2006): 3-22.
- “Beilstein Unbound: The Pedagogical Unraveling of a Man and His *Handbuch*,” in David Kaiser, ed., *Pedagogy and the Practice of Science: Historical and Contemporary Perspectives* (Cambridge, Massachusetts: MIT Press, 2005): 11-39. [In Japanese translation by Masanori Kaji, *Kagakushi Kenku (Journal of the Japanese Society for the History of Chemistry)* 32 (2005): 217-234.]
- “The Short Happy Life of Mendeleev’s Periodic Law,” in Dennis H. Rouvray and R. Bruce King, eds., *The Periodic Table: Into the 21st Century* (Baldock, Hertfordshire: Research Studies Press, Ltd., 2004): 41-90.
- “Chemistry in Russia and the Soviet Union,” in George N. Ryne, ed., *The Supplement to the Modern Encyclopedia of Russian, Soviet and Eurasian History* (Gulf Breeze, Florida: Academic International Press, 1995-), Volume 5 [2004]: 213-220.
- “*Navodia mosty: Eiler, Kulibin i tekhnicheskoe znanie* [Bridging: Euler, Kulibin, and Technical Knowledge (in Russian)],” authorized translation by E. Kanishcheva, *Novoe Literaturnoe Obozrenie (New Literary Review)*, no. 66 (2004): 180-197.
- “Beilstein Unbound: Unraveling the *Handbuch der Organischen Chemie*,” *Chemical Heritage* 21, no. 4 (Winter 2003/4): 10-11, 32-36.
- “A Modernization of ‘Peerless Homogeneity’: The Creation of Russian Smokeless Gunpowder,” *Technology and Culture* 44 (2003): 677-702.

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Other Media:

“How English Came to Be the Dominant Language in Science Publications,” interview with Lulu Garcia-Navarro, Weekend Edition Sunday, National Public Radio, 8 January 2017, <http://www.npr.org/2017/01/08/508765699/how-english-came-to-be-the-dominant-language-in-science-publications>

“The V-Files,” guest blog-post on Shells and Pebbles, 14 May 2015, <http://www.shellsandpebbles.com/2015/05/14/the-v-files/>

“Absolute English,” interview on Australian Broadcasting Company’s Counterpoint with Amanda Vanstone, 23 March 2015, <http://www.abc.net.au/radionational/programs/counterpoint/absolute-english/6335034>

“How Did English Become the Language of Science?,” interview on PRI’s The World, 6 October 2014, <http://www.pri.org/stories/2014-10-06/how-did-english-become-language-science>

“Orthodoxy on the Fringe,” guest blog-post on Science, Religion, and Culture, 25 April 2014, <http://scienceligionandculture.wordpress.com/2014/04/25/michael-gordin-orthodoxy-on-the-fringe/>

“A Public Affair” with Tim Hansel, WORT, 30 October 2013.

“The Pseudoscience Wars,” Point of Inquiry, interview with Chris Mooney, 19 November 2012, http://www.pointofinquiry.org/michael_gordin_the_pseudoscience_wars/

Discussant on “Fringe Physicists,” the Colin McEnroe Show, WNPR, 8 May 2012, <http://www.yourpublicmedia.org/content/wnpr/fringe-physicists>

“U.S. Foes’ Nuclear Ambitions — Past and Present,” guest blog-post on [washingtonpost.com](http://www.washingtonpost.com) “Short Stack,” <http://voices.washingtonpost.com/shortstack/> 2010/01/us_foes_nuclear_ambitions_--_p.html, 11 January 2010.

“Hump-Day History: Dmitrii Mendeleev,” guest blog-post on Will Thomas’s “Ether Wave Propaganda,” <http://etherwave.wordpress.com/2008/11/05/hump-day-history-dmitrii-mendeleev/>, 5 November 2008.

Panel discussant on Mary Shelley’s *Frankenstein*, on “Odyssey,” hosted by Gretchen Helfrich, Chicago Public Radio, 4 August 2004.

Profiles:

“Monoglot Empire: Tracing the Journey from Scientific Babel to Global English,” Global History Forum interview with Timothy Nunan, 5 July 2015, <http://toynbeeprize.org/global-history-forum/monoglot-empire-tracing-the-journey-from-scientific-babel-to-global-english-with-michael-gordin/>

“The Day Venus Hit the Earth.” *Princeton Alumni Weekly* 113, no. 3 (24 October 2012).

“Ne postoje dokazi da čudovišta postoje i da će svijet nestati. To su laži!,” (in Croatian) interview with Tanja Rudez, *Nedjeljni Jutarnji*, 7 October 2012: 52-53.

“Esperanto ist so viel leichter als Latein,” interview with Klaus Taschwer, *Der Standard* (Vienna), 22 August 2012: 14.

“Political, Cultural, and Technological Impacts on Chemistry: An Interview with Michael Gordin.” *Chemical Information Bulletin* 63, no. 1 (Spring 2011): 50-56.

VIII. Lectures and Presentations

“The Problem with Pseudoscience.” Invited presentation at the European Molecular Biology Laboratory (EMBL), Heidelberg, Germany, 31 March 2017.

- “From the ‘Vergangenheit der Physik’ to the ‘Future of Physics’: Monolingualism and the Transformation of a Science.” Max-von-Laue Lecture, Deutsche Physikalische Gesellschaft Annual Meeting, Münster, Germany, 29 March 2017.
- “Identifying Einstein: Being German or Jewish in Prague (and Elsewhere).” Invited presentation at the Department of History, University of New Hampshire, Durham, NH, 23 March 2017.
- “The Problem with Pseudoscience.” Invited presentation at Florida Polytechnic University, Lakeland FL, 20 March 2017.
- “Out of Josefov: Einstein in Bohemia.” Works-in-Progress presentation, Department of History, Princeton University, Princeton, New Jersey, 28 February 2017.
- “Speaking Scientific Internationalism.” Keynote lecture at the conference “The Science of Information, 1870-1945: The Universalization of Knowledge in a Utopian Age,” University of Pennsylvania Libraries and the Chemical Heritage Foundation, Philadelphia, PA, 23 February 2017, organized by Evan Hepler-Smith, Robert Fox, and Lynn Ransom.
- “The Einstein Language: Finding and Losing Gloro.” Invited presentation in the Tivadar Soros Lecture Series, Linguistics Program, CUNY Graduate Center, New York, NY, 10 February 2017.
- “*Kernwissen*: Nuclear Information and the Germans, 1939-1949.” Keynote lecture at the workshop “Restricting Knowledge: Channeling Security Information in Recent History,” German Historical Institute, Washington, DC, 8 December 2016, organized by Keith Allen, Simone Lässig, and Christian Ostermann.
- “Forgetting and Remembering Soviet Machine Translation.” Invited presentation at the University Seminar on Slavic History and Culture, Columbia University, New York, NY, 2 December 2016.
- “Infrastructure, Pressure, Demarcation: Historicizing Political Epistemology.” Conference presentation for “Political Epistemology I” at the Max Planck Institute for the History of Science, Berlin, Germany, 29 November 2016, organized by Jürgen Renn and Dagmar Schäfer.
- “The Serendipitous Synergy of Science and Slavism.” Association for Slavic, East European, and Eurasian Studies Annual Meeting, Washington, DC, November 2016, in session “Thinking through Science in Nineteenth-Century Central and Eastern Europe,” organized by Deborah R. Coen.
- Participant in roundtable discussion “Chemistry, Physics, and the Space in between.” History of Science Society Annual Meeting, Atlanta, Georgia, November 2016.
- “The Road to Gloro: Constructed Languages and Positivism from Esperanto to Interlingua.” History of Science Society Annual Meeting, Atlanta, Georgia, November 2016, in session “The Quest for Universal Language,” organized by Whitney Laemmli.
- “Postapocalyptic Pataphilology.” Paper presented with Joshua Katz at the weekly Translation Lunch, Program in Translation and Intercultural Communication, Princeton University, 17 October 2016.
- “Scientific Babel: The Languages of Science Before and After Global English.” Invited Klopsteg seminar in Science in Human Culture, Northwestern University, Evanston, IL, 10 October 2016.
- “The Periodic Table as Scaffold and Foundation: Paper Tools and Demarcation.” 252nd American Chemical Society National Meeting and Exposition, Philadelphia, PA, 23 August 2016, in HIST Award Symposium honoring Ursula Klein, organized by Mary Jo Nye and Gary Patterson.
- “The Road to Gloro: Max Talmey and the Einsteinian Language.” Invited presentation at the conference “Fetishizing Science,” Einstein Forum, Potsdam, Germany, 10 June 2016, organized by Susan Neiman and Peter Galison.
- “Einstein in Bohemia.” Invited Colloquium in Abteilung II. of the Max-Planck Institute for the History of Science, Berlin, 8 June 2016.
- “Gloro (sic) transit: Max Talmey und die Einsteinsche Sprache.” Invited presentation at the Interlinguistisches Ehrenkolloquium aus Anlass des 75. Geburtstags von Dr. sc. Deltev Blanke, Universität Leipzig, Leipzig, Germany, 30 May 2016.
- “Scientific Babel: The Languages of Science Before and After Global English.” Invited presentation to the Séminaire “Histoire des sciences humaines et sociales,” Centre Alexandre Koyré, Paris, France, 13 May 2016.

- “The Dream Work of Cosmic Catastrophism: Immanuel Velikovsky, Sigmund Freud, and Venus.” Invited presentation to the history of psychiatry seminar at the École des Haute Études en Sciences Sociales, Paris, France, 12 May 2016.
- “Scientific Babel: The Languages of Science Before and After Global English.” Invited presentation to the Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS), Université Paris Est, Paris, France, 9 May 2016.
- “Einstein in Bohemia: Choose Your Own Worldline.” Invited presentation at the Kolloquium zur Geschichte des Wissens, Humboldt University, Berlin, Germany, 27 April 2016.
- “Scientific Babel: The German Language and the Fall of Polyglot Natural Science.” Invited presentation at the Bild-Wissen-Gestaltung cluster of the Humboldt University, Berlin, Germany, 29 March 2016.
- “Einstein in Bohemia: Choose Your Own Worldline.” Invited presentation at Central European University, Budapest, Hungary, 23 March 2016.
- “Einstein in Bohemia.” Presentation to the Einstein Stiftung, Literaturhaus, Berlin, Germany, 14 March 2016.
- “Scientific Babel: The Languages of Science Before and After Global English.” Invited presentation to the Instituto de Historia de la Medicina y de la Ciencia López Piñero, Universitat de València, Valencia, Spain, 9 March 2016.
- “Scientific Babel: The German Language and the Fall of Polyglot Natural Science.” Invited presentation to the Institut für Deutsche Sprache, Mannheim, Germany, 12 February 2016.
- “Scientific Babel: The German Language and the Fall of Polyglot Natural Science.” Invited presentation to the Kulturwissenschaftliches Institut Essen, Universitätallianz Ruhr, Essen, Germany, 11 February 2016.
- “The Russians Are Writing!: The Cold War Crisis of Scientific Language.” Invited lecture to International Graduate Centre for the Study of Culture, University of Gießen, and the Herder Institute for Historical Research on Eastern Europe, University of Marburg, at the Justus von Liebig Museum, Gießen, Germany, 21 January 2016.
- “Einstein in Bohemia: Choose Your Own Worldline.” Tuesday Colloquium at the Wissenschaftskolleg zu Berlin, Berlin, Germany, 5 January 2016.
- “Scientific Babel: The German Language and the Fall of Polyglot Natural Science.” Invited presentation to the LinguA3 Program and the Gesellschaft für deutsche Sprache at the Leibniz University, Hannover, Germany, 9 December 2015.
- “German Abroad: The History and Historicity of an Academic Language, East and West.” Keynote lecture at the conference “Entstehung und Frühgeschichte der modernen deutschen Wissenschaftssprachen: Vernakuläre Gelehrtenkommunikation in der Frühen Neuzeit,” Alfred Krupp Wissenschaftskolleg Greifswald, Greifswald, Germany, 12 November 2015, organized by Jürgen Schiewe and Michael Prinz.
- “Einstein on the Coast of Bohemia.” Invited presentation to the Department of History and the Program in the History of Science and Medicine, Yale University, New Haven, CT, 5 October 2015.
- “Who Doesn’t Get a Biography in the History of Chemistry?” Keynote lecture at the 10th International Conference on the History of Chemistry, Aveiro, Portugal, 11 September 2015.
- “Nuclear Sociology.” Invited paper presented at the panel discussion, “Ulrich Beck and the Risk Society,” Princeton Institute for International and Regional Studies, Princeton University, Princeton, NJ, 11 May 2015, organized by Miguel Centeno and Rosemary C. R. Taylor.
- “The Agonies of Machine Translation: From Switchboard to Cloud.” Invited paper presented at the workshop “Disciplines, Technologies, and Algorithms,” Franke Institute for the Humanities, University of Chicago, Chicago, IL, 8-9 May 2015, organized by Adrian Johns and James A. Evans.
- “Scientific Evidence, Historical Evidence, or Both?” Invited presentation at the workshop “Integrating Genomics and Human History: Challenges and Opportunities,” Institute for Advanced Study, Princeton, NJ, 20 March 2015, organized by Patrick Geary.

- “Lysenko Unemployed: Soviet Genetics after the Aftermath.” Paper presented at the Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, 6 March 2015.
- “The Language of Scientific Standardization and the Standardization of Scientific Language.” Invited paper presented at the workshop “Languages and Authority: The Authority of Standardization,” Fung Global Fellows Program, Princeton University, Princeton, NJ, 26-27 February 2015, organized by Adam Clulow, Helder de Schutter, David Kiwuwa, Pritipuspa Mishra, Brigitte Rath, and Ying-Ying Tan.
- “What to Say after Nuclear War: The Nuclear Novel and Language.” Invited paper presented at the Conference “Histories of the Future,” Princeton University, Princeton, NJ, 6-7 February 2015, organized by Erika Lorraine Milam and Joanna Radin.
- “Arnošt Kolman against His Generation: The Dark Angel of the Social Construction of Science.” Invited paper presented at the Conference “The Bonds of History: A Festschrift for Mary Jo Nye,” Oregon State University, Corvallis, OR, 16 January 2015, organized by Anita Guerrini.
- “Sources of Translation: The Unplumbed Depths of Reference Detritus.” American Historical Association Annual Meeting, New York City, New York, January 2015, in session “Translating Science: Disciplines, Objects, Processes,” organized by Florence Hsia.
- “Scientific Babel: How Science Was Done Before and After global English.” Invited presentation to the Smithsonian Institution Contemporary History Colloquium, Washington, DC, 18 December 2014.
- “The Road to Gloro: Max Talmey and the Einsteinian Language.” Paper presented at the weekly Translation Lunch, Program in Translation and Intercultural Communication, Princeton University, 1 December 2014.
- “The Martians in a Solar System.” Invited presentation for the panel “The Legacy of the ‘Martians of Science’: Five Jewish Hungarian-American Scientists Who Reshaped the Twentieth Century,” at Montclair State University, Montclair, New Jersey, 27 October 2014.
- “Einstein in Bohemia: Not-So-General Relativity, 1911-1912.” Invited presentation in the Hamilton Colloquium Series, Department of Physics, Princeton University, Princeton, New Jersey, 16 October 2014.
- “The Golden Age of Machine Translation: Boom and Bust from Georgetown to Moscow, 1954-1966.” Invited paper presented at the STS Summer School, European University of St. Petersburg, St. Petersburg, Russia, 16 June 2014.
- “Institutionalizing the Scientific Fringe: Immanuel Velikovsky in the Pseudoscience Wars.” Invited paper presented at the Utrecht University School of Economics, Utrecht, The Netherlands, 21 May 2014.
- “That a Clear Line of Demarcation Has Separated Science from Psuedoscience.” Invited paper presented at conference “Newton’s Apple and Other Historical Myths about Science,” organized by Kostas Kampourakis, Ronald L. Numbers, and Nicolaas Rupke, Washington and Lee University, Lexington, Virginia, 10 May 2014.
- “In Defense of Cosmic Catastrophism: Orthodoxy on the Scientific Fringe.” Paper presented at conference on “Scientific Orthodoxy” organized by Ahmed Ragab, Myrna Perez Sheldon, and Sophia Roosth at the Mahindra Humanities Center, Harvard University, Cambridge, Massachusetts, 12 April 2014.
- “Finding Einstein in a Crowd.” Lecture presented at Alumni Day 2014, Princeton University, 22 February 2014.
- “‘Imagined Languages’ Imagined, and Realized.” Paper presented with Joshua Katz at the weekly Translation Lunch, Program in Translation and Intercultural Communication, Princeton University, 17 February 2014.
- “Speaking Utopian: Science in an Artificial Language.” Invited lecture by the History of Science Department and the Mellon T3 Colloquium, University of Wisconsin, Madison, Wisconsin, 31 January 2014.
- “Lysenko Unemployed: 1965-1976.” Brown-Bag presentation at the History of Science Department, University of Wisconsin, Madison, Wisconsin, 31 January 2014.

- “Engineering the Language of the Future, circa 1905.” Invited Mellon T3 Workshop, University of Wisconsin, Madison, 29 January 2014.
- “Organization of Knowledge: Commentary.” Presentation at “Nuclear Arms Control and Climate Change Negotiations: Shared Lessons and Possibilities,” University of Texas at Austin, 16 January 2014.
- “The Russians Are Writing!: The Cold War Crisis of Scientific Language.” Invited lecture to the History of Science, Medicine, and Technology colloquium series, History Department, New York University, New York, NY, 31 October 2013.
- “The Pseudoscience Wars: Immanuel Velikovsky and the Birth of the Modern Fringe.” Invited lecture to the School of History, Technology, and Society, Georgia Tech, Atlanta, GA, 28 October 2013.
- “‘What a Go-Ahead People They Are!’: Boris Chicherin and the Hostile Appropriation of Herbert Spencer in Imperial Russia.” Twenty-fourth International Congress of History of Science, Technology, and Medicine, Manchester, United Kingdom, 27 July 2013, in symposium “Global Spencerism,” organized by Bernard Lightman.
- “Russian Émigré Scientists.” Invited presentation at the National Endowment for the Humanities Summer Institute “America’s Russian-Speaking Immigrants and Refugees: 20th Century Migration and Memory,” Columbia University, New York City, 20 June 2013, organized by Edward Kasinec and Robert Davis.
- “The Russians Are Writing!: The Cold War Crisis of Scientific Language.” Works-in-Progress presentation, Department of History, Princeton University, Princeton, New Jersey, 24 April 2013.
- “Scientific Babel.” Keynote lecture at “Bodies in Motion” conference, organized by Carla Nappi, University of British Columbia, Vancouver, Canada, 23 March 2013.
- “The Russians Are Writing!: The Cold War Crisis of Scientific Language.” Invited lecture to the Center for Science, Technology, Medicine, and Society (CSTMS), University of California-Berkeley, Berkeley, CA, 21 March 2013.
- “Why on Earth Write a Biography of Dmitrii Ivanovich Mendeleev?” Invited lecture to the Honors College at Drexel University, Philadelphia, Pennsylvania, 28 February 2013.
- “Writing Nuclear History from the Perspective of the History of Science.” Invited presentation at the Department of Philosophy and History of Science, University of Athens, Athens, Greece, 30 January 2013.
- “Looking Askance at the Lysenko Affair: Three Approaches.” Invited lecture at the Department of Philosophy and History of Science, University of Athens, Athens, Greece, 29 January 2013.
- “The Making of *Red Cloud at Dawn*.” Invited presentation at the Center for Cold War Studies, University of California-Santa Barbara, Santa Barbara, California, 30 October 2012.
- “The Pseudoscience Wars: Immanuel Velikovsky and the Birth of the Scientific Fringe.” 2012 Lawrence Badash Memorial Lecture, History Department, University of California-Santa Barbara, Santa Barbara, California, 29 October 2012.
- “The Pseudoscience Wars: Immanuel Velikovsky and the Birth of the Modern Fringe.” Invited lecture to the Philadelphia Association for Critical Thinking, Philadelphia, Pennsylvania, 20 October 2012.
- “Speaking Utopian: Science in an Artificial Language.” Robert F. Allabough Class of 1934 Memorial Lecture, History Department, Dartmouth University, Hanover, New Hampshire, 17 October 2012.
- “Universally Speechless: Esperanto, Ido, and Linguistic Heterodoxy.” Invited paper presented at the Vanderbilt History Seminar, Vanderbilt University, Nashville, Tennessee, 10 September 2012.
- “Five Days in August: How World War II Became a Nuclear War.” Invited paper presented at the Peace, War, and Global Change Seminar at the University of Kansas, Lawrence, Kansas, 7 September 2012.
- “The Universal Language of the Slavs: German and the Identity of Russian Chemistry.” Seventh British-North American Joint Meeting of the BSHS, CSHPS, and HSS, Philadelphia, Pennsylvania, July 2012, in session “Scientific Ethos and Epistemology in the Long Nineteenth-Century,” organized by Elise Lipkowitz.

- “Lysenko Unemployed: 1965-1976.” Invited paper presented at the Conference “The Second International Workshop on Lysenkoism,” University of Vienna, Vienna, Austria, 22 June 2012, organized by William deJong-Lambert.
- “Speaking Utopian: Science in an Artificial Language.” Invited DK Plus colloquium, University of Vienna, Vienna, Austria, 20 June 2012.
- “Speaking Utopian.” Paper presented at the New York History of Science Working Group, the Gallatin School, New York University, 2 March 2012.
- “The Rise of Chemical Russian: Periodic Priority and Translated Tables.” Invited brown-bag luncheon talk at the Chemical Heritage Foundation, Philadelphia, PA, 31 January 2012.
- “Speaking Utopian: Science in an Artificial Language.” Invited paper at the Penn Humanities Forum, University of Pennsylvania, 25 January 2012.
- “Die Allgemesprache der Slawen: Deutsch als Wissenschaftssprache in Russland im 19. Jahrhundert.” Invited paper presented at the Conference “nachDenken: Internationale Wirkungsgeschichte der deutschsprachigen Geisteswissenschaften und ihrer Sprache,” Zentrum für Literatur- und Kulturforschung, Berlin, Germany, 1-3 December 2011, organized by Irmela Krüger-Fürhoff and Dirk Naguschewski.
- “The Rise of Chemical Russian: Periodic Priority and Translated Tables.” Invited colloquium at the Department of the History of Science, Harvard University, 29 November 2011.
- “The Dostoevsky Machine: Early Machine Translation and the Crisis of Scientific Language.” Invited paper presented at the “Translation and the Sciences” workshop, Center for International History, Columbia University, 21 October 2011, organized by Deborah Coen.
- “The Rise and Fall of Chemical Russian.” Plenary lecture at the 8th International Conference on the History of Chemistry, 15 September 2011, Rostock, Germany.
- “Consuming Intelligence: Soviet Knowledge of the American Atomic Bomb,” invited paper presented at the Conference “The Rosenberg Case, Soviet Espionage, and the Cold War,” Elliott School of International Affairs, George Washington University, Washington, DC, 22 June 2011, organized by Mark Kramer.
- “Demarcation in a Democracy: Lysenko and Velikovsky in Cold War America,” invited paper presented at the Conference “Science and Democracy: A Symposium to Commemorate the 50th Anniversary of Ludwik Fleck’s Death,” ETH, Zürich, Switzerland, 26-28 May 2011, organized by Michael Hagner.
- “How Russia Got the Bomb and How the Americans Found Out: The End of the U.S. Atomic Monopoly.” Invited lecture, Princeton Old Guard, Princeton, NJ, 27 April 2011.
- “Who Discovered the Periodic Table?: The Anatomy of a Priority Dispute,” Ninth Annual Paul D. Bartlett, Sr., Lecture, Linda Hall Library, Kansas City, MO, 13 April 2011.
- “The Politics of Translating Soviet Pseudo-Science.” Paper presented at the weekly Translation Lunch, Program in Translation and Intercultural Communication, Princeton University, 4 April 2011.
- “Early Nuclear History: What We Know and Don’t Know about the First Years of the Atomic Bomb.” Invited book talk at the Lewis Library, Princeton University, Princeton, NJ, 30 March 2011.
- “Immanuel Velikovsky and the Pseudoscience Wars: The Great Collision of 1950.” Invited paper presented at the Department of Science and Technology Studies, Cornell University, Ithaca, NY, 14 March 2011.
- “Strangest Bedfellows: Immanuel Velikovsky among the Counter-Culture.” Invited paper presented at the Conference “Groovy Science: The Counter-Cultures of Scientific Life, 1955-1975,” Princeton University, Princeton, NJ, 4-5 February 2011, organized by D. Graham Burnett and David Kaiser.
- “Skirmishes on the Edge of Creation: Immanuel Velikovsky and the Legitimacy of Science.” Paper presented at the Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, 4 February 2011.

- “The Unpleasant Instance of the Periodic Table: Translating into a Priority Dispute.” American Historical Association Annual Meeting, Boston, Massachusetts, January 2011, in session “*Lingua Scientia: The Politics of Translation in Modern Science*,” organized by Deborah R. Coen.
- “Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly.” Invited lecture, Princeton Alumni Association of Washington, DC, 3 December 2010.
- Participant in roundtable discussion “Lev Tolstoy’s Neglected Philosophical Manifesto, On Life,” Association for Slavic, East European, and Eurasian Studies Annual Meeting, Los Angeles, California, November 2010.
- “Immanuel Velikovsky and the Pseudoscience Wars: The Great Collision of 1950.” Invited paper presented at the Seminar on History and Philosophy of Science, California Institute of Technology, Pasadena, California, 17 November 2010.
- “Knowing Joe-1: The Epistemological Dimensions of the Early Nuclear Arms Race.” Mara Beller Memorial Lecture presented at the Bar-Hillel Colloquium for the History, Philosophy and Sociology of Science, The Van Leer Jerusalem Institute, Jerusalem, Israel, 3 November 2010.
- “Immanuel Velikovsky and the Pseudoscience Wars: The Great Collision of 1950.” Invited paper presented at the Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Tel Aviv, Israel, 1 November 2010.
- “Immanuel Velikovsky and the Pseudoscience Wars: The Great Collision of 1950.” Invited paper presented at the Maryland Colloquium in the History of Technology, Science, and the Environment, University of Maryland-College Park, College Park, MD, 7 October 2010.
- “True GRIT: Rationality, Nuclear Disarmament, and Semantics.” Paper presented at the conference “Intellectual History of the Cold War,” Hamburger Institut für Sozialforschung, Hamburg, Germany, 2 September 2010.
- “No One Discovered the Periodic Table: D. I. Mendeleev, Lothar Meyer, and the Anatomy of a Priority Dispute.” Invited lecture, Institute of Chemistry, University of Rostock, Rostock, Germany, 22 July 2010.
- “Translating Textbooks: Russian, German, and the Language of Chemistry.” Invited paper presented at the workshop “Textbooks in Science,” University of Toronto, 1 April 2010, organized by Marga Vicedo.
- “How Not to Think of the First Soviet Bomb: Information and the End of the American Atomic Monopoly.” Invited presentation at the Program for Science and Global Security, Princeton University, 23 March 2010.
- “True GRIT: Rationality, Nuclear Disarmament, and Semantics.” Paper presented at the Workshop “The Strangelovean Science: Rationality versus Reason,” Max-Planck Institute for the History of Science, Berlin, Germany, 15 March 2010, organized by Lorraine Daston and Michael D. Gordin.
- “Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly.” Invited lecture, Carnegie Council, New York City, New York, 20 January 2010.
- “How Lysenkoism Became Pseudoscience: Dobzhansky to Velikovsky.” Invited paper presented at the Conference “The International Workshop on Lysenkoism,” City University of New York Graduate Center and Columbia University, New York City, 4 December 2009, organized by William deJong-Lambert.
- “Dr. Velikovsky’s Catastrophic World: Historical Evidence and Cosmological Conflict in the Construction of Scientific Boundaries.” History of Science Society Annual Meeting, Phoenix, Arizona, November 2009, in session “Historical Science in Historical Science: Historical Records as Scientific Evidence,” organized by Matthew Stanley.
- “Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly.” Reading at Labyrinth Books, Princeton, New Jersey, 18 November 2009.
- Participant in roundtable discussion “Are We All Cultural Historians Now?,” American Association for the Advancement of Slavic Studies Annual Meeting, Boston, Massachusetts, November 2009.
- Invited panelist to comment after a staged reading of Paul Mullin’s *Louis Slotin Sonata*, Grace Street Theatre, Virginia Commonwealth University, Richmond, Virginia, 2 October 2009.

- “Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly.” Invited lecture, Princeton Alumni Association of Charlotte, Charlotte, North Carolina, 12 May 2009.
- “An Optimistic Tale of Woe: Nikolai Vagner (*Kot-Murlyka*) Speaks to Scientists, Children, and the Dead.” Invited Colloquium, Seminar of Slavic History and Culture, Columbia University, New York City, New York, 6 March 2009.
- “No One Discovered the Periodic Table: D. I. Mendeleev, Lothar Meyer, and the Anatomy of a Priority Dispute.” Invited Colloquium at the Science and Technology Studies Programme, York University, Toronto, Canada, 10 February 2009.
- “The Soviet Science System, Ido, and Political Economy.” Invited presentation for the workshop “The Emergence of New Sciences,” organized by Jürgen Renn and Lorraine Daston, at the Max-Planck Institute for the History of Science, Berlin, 31 January 2009.
- “How Stalin Got His Bomb: Information and the End of the American Atomic Monopoly.” Invited Lecture for the 55 Plus Organization, Princeton, New Jersey, 8 January 2009.
- Participant in roundtable discussion “The Rise and Fall of Russian Mandarins: The Social Role of Intellectuals in Late Imperial and Early Soviet Russia,” American Association for the Advancement of Slavic Studies Annual Meeting, Pittsburgh, Pennsylvania, November 2008.
- “Red Cloud at Dawn: Stalin, Truman, and the Flow of Atomic Knowledge.” Works-in-Progress Presentation, History Department, Princeton University, 18 November 2008.
- “Scientific Babel: The Problem of Minor Languages in the History of Modern Science.” Paper presented at the weekly Translation Lunch, Program in Translation and Intercultural Communication, Princeton University, 17 November 2008.
- “ENORMOZ: Soviet Espionage and the Manhattan Project.” Invited presentation for panel “Einstein: History, Science, Poetry” preceding the screening of the media opera “Einstein and Margarita, or Acquired in Translation,” organized by Petre Petrov. Princeton University, 14 November 2008.
- “Red Cloud at Dawn: Worrying about, Detecting, and Announcing the First Soviet Nuclear Test.” Invited Colloquium at the Program in Science, Technology, and Society, Massachusetts Institute of Technology, Cambridge, Massachusetts, 27 October 2008.
- “Red Cloud at Dawn: Worrying about, Detecting, and Announcing the First Soviet Nuclear Test.” Invited Colloquium at the Gallatin School for Individualized Study, New York University, New York City, New York, 2 October 2008.
- “The Origins of Nuclear Forensics: Making VERMONT and the U.S. Detection of the First Soviet Atomic Test.” Invited Colloquium at the Philadelphia Area Center for the History of Science, Philadelphia, 12 September 2008.
- “The Western Atom: Nuclear Proliferation and the Boundaries of the Non-West.” Invited paper presented at the Conference “The Idea of the West: Polarities,” Amerika Haus, Munich, 29 February 2008, organized by Michael Kimmage and Michael Hochgeschwender.
- “Inventing the Soviet Bomb: Radiation Sniffers, Spies, and Other Forms of Nuclear Observation.” Invited Colloquium in Abteilung II. of the Max-Planck Institute for the History of Science, Berlin, 12 February 2008.
- “Second Time Tragedy: Germans as Russian Chemists from Alexander’s Petersburg to Stalin’s Gulag.” History of Science Society Annual Meeting, Crystal City, Virginia, November 2007, in session “Going Global?: Migrating Germans and Their Sciences, 1800-1950,” organized by Lynn K. Nyhart.
- “Periodicity, Priority, Pedagogy: Mendeleev and Lothar Meyer.” Invited paper presented at the Conference “The Scientist as Educator and Public Citizen: Linus Pauling and His Era,” Oregon State University, 29 October 2007, organized by Mary Jo Nye and Cliff Mead.
- “Points Critical: Russia, Ireland, and Science at the Boundary.” Contribution to the Workshop on Science, Technology, and National Identity, organized by Ann Johnson and Carol Harrison, University of South Carolina, 21 September 2007.

- “Seeing Is Believing: Professor Vagner’s Wonderful World.” Contribution to the Workshop on the History of Scientific Observation, organized by Lorraine Daston, Max-Planck Institute for the History of Science, Berlin, 5 July 2007.
- “Five Days in August: How World War II Became a Nuclear War.” Invited lecture, Princeton University Alumni Association. Louisville, Kentucky, 13 June 2007.
- “Nuclear Forensics: The American Reconstruction of the First Soviet Nuclear Test.” Invited presentation at the Center for Science and Global Security, Princeton University, 18 April 2007.
- “Five Days in August: How World War II Became a Nuclear War.” Invited lecture, East Asian Studies Program, Villanova University, Villanova, Pennsylvania, 13 April 2007.
- “Professor Vagner’s Birthless Utopia: A Scientific Fairy Tale in Imperial Russia.” Works-in-Progress Talk, Center for the Study of Books and Media, Princeton University, 3 April 2007.
- “Serial Biography: The Life and Death of a Journal and the Birth of National Styles.” History of Science Society Annual Meeting, Vancouver, British Columbia, November 2006, in session “Exploring Biography: Approaches to ‘Lives in Science,’” organized by Lloyd Ackert.
- “‘Let Them Read German’: The *Zeitschrift für Chemie* and the Creation of Russian Chemistry.” Invited paper at the conference “Science and Medicine in the Multinational Empires of Central and Eastern Europe,” Department of History and Philosophy of Science, University of Cambridge, Cambridge, England, 23 June 2006, organized by Tatjana Buklijas and Emese Lafferton.
- “Arduous and Difficult Task: Princess Dashkova, the Academy of Sciences, and the Taming of Natural Philosophy.” Invited Address at the Annual General Meeting, American Philosophical Society, Philadelphia, 27 April 2006.
- “Let Them Read German: The *Zeitschrift für Chemie* and the Creation of Russian Chemistry.” Invited Colloquium at the Department of the History and Philosophy of Science, Indiana University, Bloomington, 21 April 2006.
- “Rethinking Nuclearism.” Colloquium at Deep Springs College, Deep Springs, California, 20 March 2006.
- “Five Days in August: How World War II Became a Nuclear War.” Invited Colloquium at the History Department, Catholic University of America, Washington, DC, 15 March 2006.
- “The Third Shot: Ending the First Nuclear War, August 1945.” Invited Science Colloquium at the History Department, University of California, Los Angeles, 13 February 2006.
- “Science in a World of Art: Silver Age St. Petersburg.” Invited Colloquium at the Department of Slavic Languages and Literatures, Princeton University, 6 December 2005.
- “The Third Shot: Ending the First Nuclear War, August 1945.” Invited Colloquium at the Columbia Seminar on 20th Century Politics and Society, Columbia University, 29 November 2005.
- “The Other Manhattan: The Atomic Bombings Viewed from Tinian.” Society for Historians of American Foreign Relations Annual Meeting, College Park, Maryland, June 2005, in session “Science, Politics, and the American Nuclear Weapons Program, 1940-1951,” organized by Sean L. Malloy.
- “The Rationale of the History of Tsarist Science.” Invited presentation at the Workshop on Russia, Eurasia, and the Social Sciences, Weatherhead Center for International Affairs and Davis Center for Russian Studies, Harvard University, 2 May 2005.
- “The History of Russian Science after the Soviet Union.” Invited presentation at the Physical Sciences Working Group, Department of the History of Science, Harvard University, 8 December 2004.
- “The Creation of Russian Chemistry: Nationalism, Nomenclature, and the Politics of Language in Late Imperial Russia.” American Association for the Advancement of Slavic Studies Annual Meeting, Boston, Massachusetts, November 2004, in session “History of Science and Russian Studies: Toward a Synthesis,” organized by Anna Krylova.
- “The Weekday Chemist: Music, Science, Training, and Aleksandr Borodin.” History of Science Society Annual Meeting, Austin, Texas, November 2004, in session “Science and Art Go East,” organized by Simon Werrett.

- “The Weekday Chemist: The Training of Aleksandr Borodin.” Invited Colloquium at the Program in the History of Science and Technology, Stanford University, 14 October 2004.
- “Let Them Read German: The *Zeitschrift für Chemie*, Emil Erlenmeyer, and the Creation of Russian Chemistry.” Invited Colloquium for the Office for History of Science and Technology, and UCSF History of Health Sciences, University of California, Berkeley, 10 October 2004.
- “The Creation of Russian Chemistry: From Heidelberg to the Periodic Law.” Invited Colloquium at the Department of History of Science, Medicine, and Technology, Johns Hopkins University, 7 October 2004.
- “How Mendeleev Got His Spots: The Academy of Sciences Debacle and the Construction of Scientific Genius in Imperial Petersburg.” Invited Colloquium at the Department of History and Sociology of Science, University of Pennsylvania, 1 December 2003.
- “Running in Circles: Towards a Cultural History of Professionalization of Russian Chemistry.” History of Science Society Annual Meeting, Cambridge, Massachusetts, November 2003, in session “Excess Baggage: Professionalization Across Borders,” organized by Thomas Stapleford.
- “How Mendeleev Got His Spots: The Academy of Sciences Debacle and the Construction of Scientific Genius in Imperial Petersburg.” Invited Colloquium at the Program of History of Medicine and Science, Yale University, 17 November 2003.
- “The Intellectual Background of Mendeleev’s Periodic Law,” invited paper at the Second Harry Wiener International Memorial Conference, “The Periodic Table: Into the 21st Century,” Banff, Alberta, Canada, 15 July 2003, organized by Dennis Rouvray and R. Bruce King.
- “Graduate Education in the History of Science in the United States: The Cases of Harvard and Princeton Universities,” guest lecture to graduate students, Tokyo Institute of Technology, Tokyo, Japan, 27 June 2003.
- “Dostoevsky, Mendeleev, and Spiritualism,” invited paper at the Slavic Research Center, Hokkaido University, Sapporo, Japan, 25 June 2003.
- “The Anthrax Solution: Sverdlovsk and the Resolution of a Biological Weapons Controversy, 1979-1994,” PaSTA seminar at Kyoto University, Kyoto, Japan, 23 June 2003.
- “The *Zeitschrift für Chemie* and the Russian Chemical Community,” Japanese Society for the History of Chemistry Annual Meeting, Kanazawa, Japan, 22 June 2003, in session “From the History of Chemistry in Russia: Russia, Germany, Japan,” organized by Masanori Kaji.
- “Dostoevsky, Mendeleev, and Spiritualism,” open seminar of the Japanese Society for the Study of Russian History, Tokyo Institute of Technology, Tokyo, Japan, 19 June 2003.
- “The Weekday Chemist: A. P. Borodin and the Culture of Science in Imperial St. Petersburg,” invited lecture at the Research Center for Advanced Science and Technology, University of Tokyo, Tokyo, Japan, 18 June 2003.
- “Turning Tables: D. I. Mendeleev vs. Lothar Meyer,” invited lecture at the Tokyo Institute of Technology, Tokyo, Japan, 17 June 2003.
- “Bridging: Euler, Kulibin, and the Problem of Technical Expertise,” invited paper presented at the Conference “The 1770s: Dating Cultures,” Harvard University, 22 February 2003, organized by Tatiana Smoliarova.
- “The Weekday Chemist: A. P. Borodin and the Culture of Science in Imperial St. Petersburg,” American Association for the Advancement of Slavic Studies Annual Meeting, Pittsburgh, Pennsylvania, November 2002, in session “The Individual and the Public: Russian Cultural Figures, Local Science Heroes, and the Modern Imperial and Soviet State,” organized by James Andrews.
- “Let Them Read German: The *Zeitschrift für Chemie* and the Making of Russian Chemistry,” History of Science Society Annual Meeting, Milwaukee, Wisconsin, November 2002, in session “The Periodical in German Science: Economies of Material and Intellectual Exchange, 1720-1920,” organized by Denise Phillips.
- “Beilstein Unbound: The Pedagogical Unraveling of a Man and His *Handbuch*,” invited paper presented at the Conference “Training Scientists, Crafting Science,” Massachusetts Institute of Technology, 24-26 January and 21-22 September 2002, organized by David Kaiser.

- “Predicting a New Mendeleev: Ether and the Periodic Law in Imperial St. Petersburg, 1869-1907,” invited lecture at the University of Oslo, Oslo, Norway, 17 April 2002.
- “Innocents Abroad: Russian Chemists at Heidelberg University, 1858-1861,” Society for the Social Studies of Science Annual Meeting, Cambridge, Massachusetts, November 2001, in session “Cosmopolitanism and Its Critics in the Physical Sciences, 1650-1950,” organized by David Kaiser.
- Participant in roundtable discussion “Modernizing History: Science and Technology in Russian Culture,” American Association for the Advancement of Slavic Studies Annual Meeting, Denver, Colorado, November 2000.
- “A Hierarchy of Sorts: D. I. Mendeleev and the Periodic Law,” History of Science Society Annual Meeting, Vancouver, British Columbia, November 2000, in session “Resurrecting Physical Theories,” organized by Michael Gordin.
- “In Perspective,” invited speaker to comment after a production of Shelagh Stevenson’s *Experiment with an Air Pump*, Dallas Theater Center, Dallas, Texas, 28 October 2000.
- “No Smoking Gun: D. I. Mendeleev and Pyrocollodion Gunpowder,” invited paper presented at the Conference “Troisièmes Journées scientifiques Paul Vieille: Instrumentation, expérimentation et expertise de matériaux énergétiques (poudres, explosifs et pyrotechnie) des XVIIe siècle à nos jours,” Centre de recherche en histoire des sciences et des techniques, Paris, France, 19-20 October 2000, organized by Patrice Bret.
- “Chasing Ghosts in Petersburg: The Cultural Politics of Russian Spiritualism from Mendeleev to Dostoevsky,” invited paper presented at the informal meeting “Spirits and Science in the Nineteenth Century,” Dibner Institute for the History of Science and Technology, Cambridge, Massachusetts, 7 April 2000, organized by Christine Blondel and Klaus Staubermann.
- “Loose and Baggy Spirits: Reading Dostoevsky and Mendeleev,” invited paper presented at the Conference “Rethinking Science and Civilization: The Ideologies, Disciplines, and Rhetorics of World History,” Stanford University, 21-23 May 1999, organized by Roger Hart and Haun Saussy.
- “Making Newtons: Mendeleev, Metrology, and the Chemical Ether,” History of Science Society Annual Meeting, Kansas City, Missouri, October 1998.
- “Chasing Ghosts: Mendeleev and the Spiritualists,” American Association for the Advancement of Slavic Studies Annual Meeting, Boca Raton, Florida, September 1998.
- “The Importation of Being Earnest: The St. Petersburg Academy of Sciences and the Petrine Etiquette Reforms,” History of Science Society Annual Meeting, San Diego, California, November 1997.
- “‘Trust, but Verify’: Sverdlovsk, Yellow Rain, and the Crisis of Biological Arms Control, 1979-1994,” History of Science Society Annual Meeting, Atlanta, Georgia, November 1996.