

## Paul R. Josephson

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### Employment

Sept. 2008- Professor of History, Colby College  
June 2014 - Professor of History, 0.2, Tomsk State University, Russia  
Fall 2016 Professor of History, 0.5, Moscow Engineering Physical Institute  
-Dec.2019  
Spring 2015 Visiting Professor, Royal Institute of Technology, Stockholm  
Sept. 2013-14 Chair, Science, Technology, and Society, Colby  
Sept. 2008-11 Chair, History, Colby  
2005- Writer, *New England Runner*  
2005-07 Chair, International Studies, Colby College  
2003-06 Chair, Science, Technology and Society, Colby College  
Sept. 2000- Associate Professor of History, Colby  
1999-00 Visiting Associate Professor of History, Wellesley College.  
1987-96 Professor (no ranks at SLC). Sarah Lawrence College.  
1989-90 Adjunct Associate Professor. Columbia University.  
1987 Spring Visiting Lecturer. STS Program, MIT.  
1983-87 Teaching Fellow. Harvard University.  
1985-86 Teaching Fellow. Massachusetts Institute of Technology.  
1978-82 Assistant Director. National Council for Soviet and East European  
Research.

### Education

Ph. D. Massachusetts Institute of Technology (January 1987). Political Science  
with specialization in History of Science.  
A. M. Harvard University (1978). Soviet Area Studies.  
B. A. Antioch College (1975). History.

### Awards and Grants

2020- National Science Foundation, "A Global Nuclear Environmental History"  
2016-19 РФФИ (Russian Foundation for Basic Research), senior participant,  
"Analysis of Cadres of the Soviet and American Atomic Bomb Projects,"  
based at Institute of History and Archeology, Ural Division, Russian  
Academy of Sciences  
2016-17 Senior researcher in HoNEST (History of Nuclear Energy and Society),  
funded by Euratom  
2015-17 National Science Foundation Grant for "Nature Transformation in  
Russia, 1900-Present"  
2013 IREX, Short Term Travel Grant  
2011 Fellow, Rachel Carson Center for Environmental and Society

- at LMU, Munich, Germany
- 2009-10 National Science Foundation Grant for Conference on “Arctic Perspectives”
- 2008-10 National Science Foundation Grant for Research on Soviet Arctic Conquest, 1930-1990
- 2007-08 Fulbright Professor and Research, Pomor State University (Arkhangelsk, Russia)
- Spring 2008 Visiting Fellow, Davis Center for Russian Studies, Harvard
- 2004-05 IREX Short Term Travel Grant
- 2003-04 National Science Foundation Grant, Stalinism and Ukrainian Physics
- 2001-02 National Science Foundation Grant, Brute Force Technology
- 1999-2000 Fellow, Davis Center for Russian Studies, Harvard University  
National Academy of Sciences Governance in Post-Communist Societies Travel Grant
- 1998-99 Shulman Prize from American Association for the Advancement of Slavic Studies for New Atlantis Revisited  
National Endowment for the Humanities Fellowship  
IREX Short-term Travel Grant
- 1997-98 National Science Foundation Grant, Soviet Nuclear Power  
Open Society Archive Grant  
National Academy of Sciences Travel Grant to Ukraine and Russia
- 1996-97 National Science Foundation Grant  
Nominated by CIEE for Fulbright Lectureship in Denmark  
Dibner Institute Resident Fellowship  
National Academy of Sciences Travel Grant to Ukraine  
American-Scandinavian Foundation Grant (declined)  
IREX Short-term Travel Grant
- 1993 National Endowment for the Humanities Research Grant  
Dibner Institute Fellow
- 1991-92 National Council for Soviet and East European Research Contract  
IREX and Fulbright Hays Faculty Research Fellowships  
Visiting Scholar, Russian Research Center, Harvard University
- 1991 National Academy of Sciences Exchange with USSR  
Academy of Sciences
- 1989 National Academy of Sciences Exchange with USSR  
Academy of Sciences
- 1987-88 Visiting Scholar, Harriman Institute, Columbia University  
Nominated for National Academy of Sciences Exchange with USSR Academy of Sciences
- 1986-87 American Institute of Physics Grant-in-aid  
MIT Political Science Tuition Fellowship

1985-86	IREX Exchange to USSR Fulbright-Hays Grant MIT Political Science Tuition Fellowship
1984-85	IREX Exchange to USSR (eight months)
1984-85	American Institute of Physics Grant-in-aid

**Publications****Books**Forthcoming:

*Nuclear Russia* (forthcoming, Bloomsbury)

Under Consideration:

*Shaping Science, Taming Technology in the Internet Age* (under consideration for publication).

*Hero Projects: The Russia Empire and Big Technology* (under consideration for publication).

Published:

*Chicken: From Farm to Factory* (Cambridge: Polity, 2020).

*Traffic* (New York: Bloomsbury, 2017). A history of traffic, speed bumps and *Verkehrsberuhigung* (traffic calming). Selected by Literary Hub March 2017 as a book to read (<http://lithub.com/14-books-to-read-this-march/>). See also “Expressway to Your Heart,” April 6, 2017, at <http://bloomsburyliterarystudies.typepad.com/continuum-literary-studie/2017/04/traffic.html>

*Fish Sticks, Sports Bras, and Aluminum Cans: The Politics of Everyday Technologies* (Baltimore: Johns Hopkins University Press, 2015).

*The Conquest of the Russian Arctic* (Cambridge: Harvard University Press, 2014).

*An Environmental History of Russia* (with Ruben Mnatsakian, Aleg Cherp, Nikolai Dronin, Dmitry Efremenko, Vladislav Larin, and Oleg Yanitsky) (Cambridge University Press, 2013). Nominated for 2015 Turku Book Award (joint prize of the European Society for Environmental History and the Rachel Carson Center for Environment and Society).

*Lenin’s Laureate: A Life in Communist Science* (Cambridge: MIT Press, 2010).

*Would Trotsky Wear a Bluetooth? Technological Utopianism Under Socialism* (Baltimore: Johns Hopkins University Press, 2009).

*Motorized Obsession: Life, Liberty and the Small Bore Engine* (Baltimore: Johns Hopkins University Press, 2007). Among *Choice Magazine's* selections of Outstanding Academic Titles for 2008.

*Resources Under Regimes* (Cambridge: Harvard University Press, 2005).

*Industrialized Nature* (Washington and Covelo, CA: Island Press, 2002).

*Red Atom* (Pittsburgh: University of Pittsburgh Press, 2005). (Originally published New York: W. H. Freeman and Co., 1999.)

*New Atlantis Revisited: The Siberian City of Science* (Princeton: Princeton University Press, 1997). *Shulman Prize of AAASS in 1998*. Out of print. Download at <http://digitalcommons.colby.edu/facultybooks/1/>

*Totalitarian Science and Technology* (Humanity Books, 2005), revised edition. Originally published Atlantic Highlands, NJ: Humanities Press, 1996. Out of print. Download at <http://digitalcommons.colby.edu/facultybooks/2/>

*Physics and Politics in Revolutionary Russia* (Los Angeles: University of California Press, 1991).

### **Articles and Chapters in Books**

#### **Under Consideration for Publication or in Progress**

“Gender and Nuclear Energy in the Twenty-First Century: Domestication of a Dangerous Technology,” co-author Tatiana Kasperski. Revise and resubmit for consideration in *Technology and Culture*.

“Nuclear Ambitions and Atomic Oceans: India, the Atom and the Environment,” Under consideration for publication in *History and Technology*.

#### **Published**

“Строительство империи и фронтр советской/постсоветской эпохи,” *Уральский исторический вестник*, вып. 4 (73), (2021): pp. 88-96.

“Nuclear-Society Relations from the Dawn of the Nuclear Age” in Kaijser, A., Lehtonen, M., Meyer, J.-H., Rubio- Varas, M.d.M., eds., *Engaging the Atom. The History of Nuclear Energy and Society in Europe from the 1950s to the Present*. (Energy and Society Series) (Morgantown: West Virginia University Press, 2021), pp. 27-52. (peer reviewed)

Paul Josephson and Markku Lehtonen, “International Organizations and Industry-Societal Relations in Europe: How Comecon, Euratom and the OECD Nuclear Energy Agency Developed Societal Engagement,” in *Ibid.*, pp. 112-146. (peer reviewed)

Paul Josephson, Tatiana Kasperski, Eglė Rindzevičiūtė and Andrei Stsiapanau, “Splitting the Atom, Creating Trust,” in *Atomic Heritage*, Toma T Working Paper, Linköping University, 2021, pp. 68-83.

Invited, extended review of Kate Brown, *Manual for Survival* in *Slavic Review*, vol. 79, no. 2 (Summer 2020): pp. 284-287.

“Boris Gessen as Philosopher and Polemicist: Ideology, Politics and the New Physics in the Soviet Union in the 1920s and 1930s,” *Science and Politics*, vol. 13, no. 1 (2019), pp. 10-36. (peer reviewed)

With Tatiana Kasperski and Olga Kuchinskaya, “Response to Waddington et al. on ‘J-value assessment of relocation measures following the nuclear power plant accidents at Chernobyl and Fukushima Daiichi’,” *Process Safety and Environmental Protection*, Volume 125 (2019): pp. 331-333.

“Physics Moves to the Provinces: The Siberian Physics Community and Soviet Power, 1917-1940,” with Aleksandr Sorokin,” *British Journal for the History of Science* vol. 50 (2017), no. 2: pp. 297-327. (peer reviewed)

“Stalin’s Water Workers and Their Heritage: Industrializing Nature in Russia, 1950-present,” *Global Environment*, vol. 10 (2017): pp. 168-201. (peer reviewed)

“The Costs of the War for the Soviet Union” in Simo Laakkonen, Richard P. Tucker and Timo Vuorisalo, editors, *The Long Shadows: A Global Environmental History of the Second World War* (Oregon State University Press, 2017), pp. 75-96. (peer reviewed)

“Putin, the Arctic and the Environment,” *Global Environment*, vol. 9 (2016): pp. 376-413. (peer reviewed)

“The Stalinist Plan for the Transformation of Nature and the East European Experience,” in Doubravka Osakova, editor, *Stalin's Plans for the Transformation of Nature and Their Impact in Eastern Europe* (Oxford: Berghahn Books, 2016), pp. 1-41. (peer reviewed)

“Big Science e Tecnologia no século XX,” *Fronteiras: revista catarinense de História*, trans. Jo Klanovicz, no. 27 (2016), pp. 149-169.

“The Need for Public Environmental History (需要公共的环境史),” *Journal for Ecological History* (生态史研究), Vol. 1 (2016): pp. 152-153.

“Американские и российские исследования истории атомного проекта СССР: пути развития,” co-authored with Natalia Melnikova, *Вопросы истории естествознания и техники*, Vol. 37, no. 1 (January 2016), pp. 85-109. (peer reviewed)

“Sowjetische Arktisforschung: Von episodischer Exploration zur Aneignung im großen Maßstab,” forthcoming in Klaus Gestwa and Aleksandr Ananyew, editors, *Die Geschichte der sowjetischen Arktis: Erschließung, Erforschung, Repräsentation* (forthcoming, Paderborn: Schöningh Verlag, 2018?).

“Russian National Technological Symbolism: Under the Soviets and Beyond,” co-

authored with Tatiana Kasperski, *Topos*, nos. 2 – 3 (2014), pp. 215-234.

“Горное дело и металлургия в Арктике: советские моногорода,” *Уральский исторический вестник*, no. 2 (43), 2014, pp. 125-135 (“Mining and Metallurgy in the Arctic: The Soviet Company Town”).

“History of World Technology, 1750-Present,” in Kenneth Pomeranz and John McNeil, editors, *Cambridge World History*, Volume 7. Production, Destruction and Connection, 1750–Present (Cambridge: Cambridge University Press, 2015), pp. 136-163.

“Nauka v Sotsial’no-urbanisticheskom Kontekste (Science in a Socio-Urban Context),” trans. Evgenii Artemov, *Nauka Obshchestvo Chelovek* 2011, no. 4 (38), pp. 167-171.

“Technology and Environment” in John McNeill and Erin Stewart Mauldin, editors, *A Companion to Global Environmental History* (Oxford: Blackwell Publishing, 2012), pp. 340-359.

“Technology and the Conquest of the Soviet Arctic,” *Russian Review*, vol. 70, no. 1 (2011), 419-439. (peer reviewed)

“Umweltschaden des Kalten Krieges in der UdSSR,” in Bernd Greiner, Christian Muller, and Claudia Weber, editors, *Ökonomie im Kalten Krieg*, (Hamburg: Hamburger Edition HIS Verlagsges, 2010), pp. 326-347.

“War on Nature as Part of the Cold War: The Strategic and Ideological Roots of Environmental Degradation in the USSR,” in J. R. McNeill and Corinna R. Unger, Editors, *Environmental Histories of the Cold War* (New York: Cambridge University Press, 2010), pp. 21-49.

“Science and the Periphery Under Stalin: Physics in Ukraine,” in Helmuth Trischler and Mark Walker (eds.), *Physics and Politics* (Stuttgart: Franz Steiner Verlag, 2010), with Yuri Ranyuk, Ivan Tsekhmistrov and Karl Hall, pp. 197-226.

“Russian Roads and Railroads – Introduction,” *Journal of Transport History*, vol. 29, no. 2 (September 2008), pp. 237-239.

“Проблемы кадрового обеспечения советских ядерно-оружейных исследований и разработок,” *Уральский исторический вестник*, № 3 (20) (2008), pp. 59-62.

“Science and Education in the Former Soviet Union in the 21<sup>st</sup> Century: Are There Any Lessons from Soviet and American Experience?” in *Integration of Science and Education: A Key Factor For Building up the Knowledge-Based Society. Proceedings of International Symposium (Kiev, 25-27 October 2007)*, (Kiev: Phoenix: 2008), pp. 124-133.

“The Ocean’s Hotdog: A Brief History of the Fish Stick,” *Technology and Culture* vol. 49 (January 2008): 1-21. For discussion, see “Schreckender Meere,” on the *Fischstabshens* in *Frankfurter Allgemeine Zeitung*, February 11, 2009, p. 4. (peer reviewed)

“Eshche raz ob ‘Antisovetskoj zabostovke Khar’kovskikh fizikov’,” *Voprosy Istorii*

*Estestvoznaniia i Tekhniki*, 2007, no. 3, 69-81, with Yuri Ranyuk.

“The Historical Significance of Akademgorodok for Basic Science in the 21<sup>st</sup> Century,” *Gumanitarnye nauki v Sibiri*, no. 2 (2007), 3-7.

“Industrial Deserts: Industry, Science and the Destruction of Nature in the Soviet Union,” *Slavonic and East European Review*, vol. 85, no. 2 (April 2007), 294-321. (peer reviewed)

“Gersh Budker,” Vol. 1, pp. 425-430, and “Petr Kapitsa,” vol. 4, pp. 80-86, *New Dictionary of Scientific Biography* (Farmington Hills, MI: Thomas Gale, 2008).

Curator, Exhibition on the “Peaceful Atom,” Open Society Archives, Budapest, Hungary; author of “The Paradoxical Atom,” at [www.osa.ceu.hu/guide/rip/10/TheExhibition.html](http://www.osa.ceu.hu/guide/rip/10/TheExhibition.html)

“Technological Utopianism in the Twenty-First Century: Russia’s Nuclear Future,” *History and Technology*, vol. 19, no. 3 (2003): 279-294. (peer reviewed)

“A Historian of Science Works from the Bottom Up,” in Samuel Baron and Cathy Frierson, editors, *Adventures in Russian Historical Research* (Armonk, NY: M. E. Sharpe, 2003), 217-228.

“Social Responsibility of Scientists,” in John Heilbron, editor, *Oxford Companion to the History of Modern Science*, (Oxford and Beyond: Oxford University Press, 2003), 756-758.

“Science, Ideology and the State: Physics in the Twentieth Century,” in Mary Jo Nye, editor, *The Cambridge History of Science*, (Cambridge, New York: Cambridge University Press, 2003), vol. 5 (The Modern Physical and Mathematical Sciences): 579-597. (peer reviewed)

“Ukraine’s Declining Scientific Establishment,” with Igor Egorov, *Problems of Post Communism*, vol. 49, no. 4 (July/August 2002), 43-51. (peer reviewed)

“Vo Vremia Kholodnoi Voyny Istorik iz Ameriki Nakhodit Kollegu i Druga v Sovetskom Soiuzhe,” in V. G. Grigoriants, B. B. Diakov, O. V. Cherneva, *Viktor Iakovlevich Frenkel’. Poslednie Raboty. Vospominaniia Kolleg i Druzei* (St. Petersburg: FTI im. Ioffe, 2002), 194-209.

“MinAtom: Dreams of Glory,” *Bulletin of the Atomic Scientists*, vol. 58, no. 5 (September/October 2002): 40-47.

Paul Josephson and Thomas Zeller, “The Transformation of Nature under Hitler and Stalin,” in Mark Walker (ed.), *Science and Ideology: A Comparative History* (London and New York: Routledge, 2002), 124-155.

“Computer Science at Akademgorodok: The Fate of Basic Science under Soviet Power,” *Acta Historiae Rerum Naturalium necnon Technicarum*, Vol. 5 (2001): pp. 109-119.

“La Vision Positivista de la Ciencia y la Tecnologia Entre los Americanos,” *Abaco*, nos. 27-28 (2001), 137-146.

"Russia Continues Down the Soviet Union's Treacherous Nuclear Path," *Russian Conservation News*, no. 25 (Spring 2001), 7-8.

"Science and Technology," *Encyclopedia of Nationalism*, (San Diego: Academic Press, 2001), I: 673-682.

"Stalinism and Science: Physics and Philosophical Disputes in the USSR, 1930-1955," in Michael David-Fox and Gyorgy Peteri, editors, *Academia in Upheaval* (Westport, CT and London: Bergin and Garvey, 2000), 105-138.

"Corridors of Modernization: Big Technology, Resources of the Periphery, and Amazonian and Siberian Development," *Revista de Ciencia e Tecnologia (RECITEC)*, 4 (2000), 1: 1-28.

"The Slow Pace of Reform of Science In Russia and Ukraine," *Problems of Post-Communism*, vol. 45, no. 5 (September-October 1998), 48-63, with Irina Dezhina. (peer reviewed)

"The Deceptive Promise of Reform: Ukrainian Science in Crisis," *Minerva* vol. xxv, nol. 4 (Winter 1997-98), 321-47, with Igor Egorov. (peer reviewed)

"Nuclear Culture in the USSR," *Slavic Review*, 55, no. 2 (summer 1996), 297-324. (peer reviewed)

"Science in Russia: Poverty, Power, Struggles, and Hope, *Britannica's Yearbook of Science and the Future 1997*, pp. 188-201.

"'Projects of the Century' in Soviet History: Large Scale Technologies from Lenin to Gorbachev," *Technology and Culture*, vol. 36, no. 3 (July 1995), 519-559. Republished in Bent Flyvbjerg, editor, *Megaproject Planning and Management: Essential Readings* (Cheltenham: Edward Elgard Publishing, 2014).

"New Atlantis Revisited: Akademgorodok, Siberian City of Science," in Stephen Kotkin and David Wolff, editors, *Rediscovering Russia in Asia: Siberia and the Russian Far East* (Armonk: M. E. Sharpe, 1995), 89-107.

"Maxim Gorky, Science, and the Russian Revolution," *Soviet and Post-Soviet Review*, 22, no. 1 (1995), 15-39. (peer reviewed)

"Physics," in *Cambridge Encyclopedia of Russia and the former Soviet Union*, (Cambridge: Cambridge University Press, 1994), pp. 311-313.

"Russian Scientific Institutions: Internationalisation, Democracy, Dispersion," *Minerva*, vol. xxxii, no. 1 (Spring 1994), 1-24. (peer reviewed)

"Scientists and the State: The Political Economy of Soviet Science from Lenin to Gorbachev," in Etel Solingen, editor, *Scientists and the State*, (Ann Arbor: University of Michigan Press, 1994), pp. 145-169.



"The Crisis in Russian Physics," *American Scientist*, vol. 81, no. 6 (November-December 1993), 571-579. See also "Russian Science Trapped in Web of Rapid Change," *Forum for Applied Research and Public Policy*, 10, no. 3 (Fall 1995), 95-108.

"Soviet Scientists and the State: Politics, Ideology, and Fundamental Research from Stalin to Gorbachev," *Social Research*, vol. 59, no. 3 (Fall 1992), 589-614. Also published in Margaret Jacob, editor, *The Politics of Western Science* (Atlantic Highlands, NJ: Humanities Press, 1994), 103-128.

"Science and Technology as Panacea in Gorbachev's Russia," in James Scanlan, ed., *Technology, Culture and Development: The Experience of the Soviet Model*, (Armonk: M. E. Sharpe, 1992), 25-61.

Review of *Voprosy Istorii Estestvoznaniia i Tekhniki*, in *Isis*, vol. 82, no. 2 (June 1991), 298-300.

"Sovetskie fiziki -- stipendiaty rokfellerovskogo fonda," with V. Ia. Frenkel' in Russian, *Uspekhi fizicheskikh nauk*, Vol. 160, No. 11 (November 1990), 103-134.

"Scientists, the Public and the Party Under Gorbachev" *Harriman Institute Forum*, Vol. 3, No. 5 (May 1990).

"Soviet Physicists and the International Education Board," *Research Reports from the Rockefeller Archive*, Spring 1990, pp. 9-10.

"Rockets, Reactors and Soviet Culture," in Loren Graham, editor, *Science and the Soviet Social Order*, (Cambridge: Harvard University Press, 1990), 168-191.

"Science and Politics Under Gorbachev," *National Forum*, Vol. LXXI, no. 4 (Fall 1990), 27-30.

"Atomic Energy and 'Atomic Culture' in the USSR: The Ideological Roots of Economic and Safety Problems Facing the Nuclear Power Industry After Chernobyl," in T. Anthony Jones, David Powell, and Walter Connor, editors, *Soviet Social Problems* (Boulder: Westview Press, 1991), 55-77.

"Fundamental Science and National Security: Joint Soviet-American Research on Magneto-hydrodynamics and Controlled Thermonuclear Synthesis," with Jonathan Coopersmith, in Eric Stubbs, ed., *Soviet Foreign Economic Policy and International Security* (Armonk: M. E. Sharpe, 1991), 185-208.

"Science Policy in the Soviet Union, 1917-1927," *Minerva*, Vol. XXVI, No. 3 (Autumn 1988), 342-369. (peer reviewed)

"Physics and Soviet-Western Relations in the 1920s and 1930s," *Physics Today*, Vol. 41, No. 9 (September 1988): 54-61.

"Physics, Stalinist Politics of Science and Cultural Revolution," *Soviet Studies*, vol. XL, no. 2 (April 1988), 245-265. (peer reviewed)

"The Early Years of Soviet Nuclear Physics," *Bulletin of the Atomic Scientists*, vol. 43, no. 10 (December 1987), 36-39.

"The Historical Roots of the Chernobyl Crisis," *Soviet Union*, vol. 13, no. 3 (1986), 275-299. (peer reviewed)

"Die Wurzeln des Unglucks von Tschernobyl," *Europa Archiv*, 1987 (4), pp. 119-128.

Translation of V. P. Vizgin, G. E. Gorelik, "The Reception of the Theory of Relativity in Russia and the USSR," in Thomas Glick, ed., *The Comparative Reception of Relativity* (Dordrecht: D. Reidel Publishing Co, 1987), pp. 265-326.

"The History and Politics of Energy Technology: Controlled Thermonuclear Synthesis Research in the USSR," *Report to Congressional Office of Technology Assessment*, October 1986.

"Soviet Historians and *The Structure of Scientific Revolutions*," *ISIS*, vol. 76 (1985), 551-59. (peer reviewed)

"Science and Ideology in the Soviet Union: The Transformation of Science into a Direct Productive Force," *Soviet Union*, 8, Pt. 2 (1981), 159-185. (peer reviewed)

### **TED, Blogs, Op-Ed Articles, Short Encyclopedia Articles, Review Essays, Interviews**

SRB Podcast, "Conquering Nature in Sakhalin and the Arctic," February 19, 2021, at <https://srbpodcast.org/2021/02/19/conquering-nature-in-sakhalin-and-the-arctic/>

Expert in Film "Geheimnisse der Sowjettechnik," ZDF Films, Director Stephen Bleek, Autumn 2018 release, at <https://www.zdf.de/dokumentation/zdfinfo-doku/geheimnisse-der-sowjet-technik-mondraketen-und-monsterflieger-102.html>

Interview with BBC's Owen Bennett Jones on Luddism, "Will Your Children Have a Job?" February 10, 2017, at <https://www.bbc.co.uk/programmes/p04rq0px>

"Uses of Environmental History," *Rachel Carson Center Blog*, May 3, 2017, at <https://seeingthewoods.org/2017/05/03/uses-of-environmental-history-paul-josephson/>

Interview with Simon Claire on "Akademgorodok, Non, Ce N'est Pas Une Ville de Pokemon," in *Stylist*, no. 163 (February 2, 2017), pp. 38-39.

Discussion of *Fish Sticks, Sports Bras and Aluminum Cans*, January 29, 2016, at <https://www.podcastchart.com/podcasts/new-books-in-secularism/episodes/paul-r-josephson-fish-sticks-sports-bras-and-aluminum-cans-the-politics-of-everyday-technologies-johns-hopkins-up-2015>

Interviews for National Geographic, "The Story of Food," at

<http://channel.nationalgeographic.com/eat-the-story-of-food/> .

“Why We All Need to Be Neo-Luddites,” TedXDirigo.com at <http://www.youtube.com/watch?v=fsKHaCIwyaY&feature=channel>

Interview on WABI, Bangor, Maine, “Local Professor Speaks on Ukraine, March 5, 2014, at <http://wabi.tv/2014/03/05/local-professor-speaks-ukraine-crisis/>

MPBN “Maine Calling” March 11, 2014, on Ukraine and Russia at <http://www.mpbn.net/OnDemand/AudioOnDemand/MaineCalling/tabid/288/ctl/ViewItem/mid/3682/ItemId/32650/Default.aspx>

WMNF, Radioactivity: “Trump, Putin, and the Future of US-Russian Relations,” December 7, 2016.

WMNF, Radioactivity: “Putin, Syria and Russian-American Relations,” October 6, 2105.

“Need to Know” (On “open carry” in Texas), *Texas Observer*, June 2015, p. 1.

WMNF, Radioactivity: “A Deeper Look at Recent Russian History,” August 9, 2013, [http://www.wmnf.org/news\\_stories/a-deeper-look-at-recent-russian-history](http://www.wmnf.org/news_stories/a-deeper-look-at-recent-russian-history)

WMNF, Radioactivity: “Crisis in Ukraine,” April 11, 2013.

Paul Josephson, Laura Grego, “Extra Missile Defense Site – in Maine or Elsewhere – Would Be a Waste,” *Portland Press Herald*, October 14, 2013.

“Japan Nuclear Crisis: Seven reasons Why We Should Abandon Nuclear Power,” *Christian Science Monitor*, March 17, 2011.

“The Mirage of Nuclear Power,” *Los Angeles Times*, July 30, 2007. Republished in *Nuclear Power*, ed. Lynn M. Zott and Helga Schier (Farmington Hills, MI : Greenhaven Press, 2013).

Interview on BBC’s Radio 4 on “Totalitarian Science,” June 14, 2007.

“Considering Nuclear Power,” Letter to the Editor, *International Herald Tribune*, March 30, 2005.

“Atomic Energy,” “Moscow Olympics of 1980,” “Science and Technology Policy,” and

“Sputnik” in James Millar, editor, *Encyclopedia of Russian History*, 3 vols. (Farmington Hills, MI: Gale/Macmillan, 2003).

“Joseph Stalin” entry in *Encyclopedia of World Environmental History*, (Routledge: 2003).

“Lego li byt’ Kiotskim mogil’shchikom?” with Dmitrii Efremenko, in *Nezavsimaiia gazeta*, 11 February 2004 (no. 27). See at [http://www.ng.ru/ecology/2004-02-11/11\\_ecology.html](http://www.ng.ru/ecology/2004-02-11/11_ecology.html)

“Decommissioning Russia’s Nuclear Subs,” Letter in *Science*, vol. 302 (December 12, 2003): 1893.

“Brute Force Technologies,” Interview with Steve Pomplun, on “Earthwatch Radio,” Wisconsin PBS, August 15, 2003.

Interview with Matthew Algeo, “Maine Things Considered,” Maine PBS, on *Industrialized Nature*, April 4, 2003.

“Bush and Putin Share Heartless Environmental Policy,” with Elena Bizina, *Seattle Post-Intelligencer*, February 20, 2003.

“A Swiftian Solution to the Energy Crisis,” *Los Angeles Times*, May 17, 2001.

“Dangers of Chernobyl Echo in Japan,” *Los Angeles Times*, October 6, 1999, B9.

“Moscow Prospers While Towns and Cities Suffer,” *Portsmouth Herald*, March 14, 1999, F4.

“A Fold nem hamutal,” *Magyar Hirlap*, February 11, 1998, 7.

“Chetyre istochnika i sostavnye chasti,” *Poisk*, no. 27 (June 28-July 4, 1997), 13, with Irina Dezhina.

“Saving Russia's Scientists” *Christian Science Monitor*, January 24, 1997, 19.

“Survival and Successes Under Two Tyrannies,” *Minerva*, vol. XXXIII, no. 2 (1995), 203-208.

“The Race to Destruction,” *New York Newsday*, Fanfare, August 13, 1995, p. 33.

“How Russian Learned to Love the Bomb,” *New York Newsday*, Fanfare, October 23,

1994, pp. 37-38.

"Chernobyl: What Happened and Why," *Issues in Science and Technology*, vol. VII, No. 4 (Summer 1991), 109-112; and "Chernobyl and Its Aftermath," *Slavic Review*, vol. 50, no. 3, 680-682.

"Perestroika and the Autonomy of Soviet Scientific Research," *Minerva*, Vol. XXVIII, No. 2 (Summer 1990), 248-257.

"Science Under Gorbachev: Glasnost', perestroika, and Physics," *American Journal of Physics*, Vol. 57, No. 5 (May 1989), pp. 395-96.

"The FBI Menaces Academic Freedom," *New York Times*, November 1, 1988, p. A31.

"Recipe for Chernobyl Disaster," *Boston Globe*, May 3, 1986, p. 15.

### **Colby College Grants**

2001-04,	Social Science Division Research Grants
2005-06	Interdisciplinary Studies Division Research Grant
2006-07	Social Science Division Research Grant
2006-07	Goldfarb Center Grant For Energy Symposium
2006-07	Colby, Bates and Bowdoin Mellon Faculty Seminar Grant on Environmental History
2007-08	Social Science Division Research Grant
2008-09	Social Science Division Research Grant
2009-10	Social Science Division Research Grant
2010-11	Social Science Division Research Grant
2011-12	Interdisciplinary Studies Division Research Grant
2012-13	Social Science Division Grant
2013-14	Social Science Division Grant
2014-15	Social Science Division Grant
2015-16	Social Science Division Grant
2016-17	Did not apply for internal funding
2017-18	Social Science Division Grant
2018-19	Did not apply for internal funding.

### **Editorial Boards**

Editorial Board, Вопросы истории естествознания и техники, 2022-

Editorial Board, Северный регион: наука, образование, культура – at сургутский государственный университет, 2022-

Advisory Editor, *Isis*, 2015-17.

Editorial Board, *Global Environment. A Journal of Transdisciplinary History*, 2014

Editorial Board, *Східноєвропейський Історичний Вісник*, Lviv, Ukraine

Editorial Board, *Arctic and North*. Arkhangelsk, Russia, 2012-

Editorial Board, *Былые годы (Bylye Gody)*, Sochi, Russia.

### **Professional Activities**

Manuscript reviewer for a number of university presses and refereed journals. I have reviewed books for ISIS, Science, Annals of Science, ACES Bulletin, Ecological Economics, Mathematical Intelligencer, Slavic Review, Slavonic and East European Review, Cahiers du Monde Russe et Sovietique, Russian Review, Journal of Interdisciplinary History, American Historical Review, Minerva, Technology and Culture, and other journals. I have reviewed book manuscripts for Cambridge, Harvard, California, MIT, Oxford, Princeton, University of North Carolina, Smithsonian, Texas A and M, Stanford, Norton, and several other presses.

Since 1982 I have organized and/or participated in as paper presenter or discussant or chair scores of panels on a variety of topics at the annual meetings of the Society for History of Technology, American Association for the Advancement of Slavic Studies, the American Historical Association, the American Political Science Association, the American Physical Society, and the American Association for the Advancement of Science, Tensions of Europe, and many others.

In the past thirty years I have given invited lectures at Indiana University, Indiana State University, Bates College, Pomona College, University of California, Berkeley, UCLA, Stanford, Harvard, MIT, Wellesley, University of Texas, Texas A and M, University of Eindhoven, Trondheim University, the Niels Bohr Institute of Theoretical Physics, the Center for Independent Social Research (St. Petersburg, Russia), in Tomsk and Ekaterinburg at universities and nuclear press centers, at Plovdiv University in Bulgaria, at the Royal Institute of Technology in Stockholm, Sweden, Lappeenranta, Finland, Lisbon, Portugal, Barcelona, Spain, Vilnius, Lithuania, Paris, France, Potsdam, Munich, Tübingen and Berlin, Germany, Guarapuava and Rio de Janeiro, Brazil, Prague, Czech Republic, Budapest, Hungary, Beijing, China, Barcelona, Spain, and many other locations.

Participant, Tensions of Europe (TOE) History of Technology Project.

Co-chairman, History of the Organization of Science Seminars, Subcommittee on History, Philosophy and Social Study of Technology, USSR Academy of Sciences-ACLS Commission, 1989-1991.

Board of Advisors, Film "Citizen Kurchatov: Stalin's Bombmaker," PBS Film released

October 1999.

Review board, “Support for Research on Recent History Project” of Open Society Archives and Central European University, Budapest, Hungary, 2001-2003.

Chairman, International Scholars Committee, Society for the History of Technology, 2000-01.

Member, Hacker Book Prize Committee, Society for the History of Technology, 2002-03

Chair, then member, Sites Committee, Society for History of Technology, 2005-07.

Member, Abbott Payson Usher Prize Committee, Society for the History of Technology, 2009-12.

Local arrangements host and chair, SHOT, 56<sup>th</sup> annual meeting, Portland, Maine, 2013.

Past President, Portsmouth-Severodvinsk Connection, Sister-City Organization, 1996-2001. Secured not-for-profit status and \$95,000 U. S. Department of State, USIA grant to support exchange of high school students, 2000-02 school years. Also secured \$10,000 Department of Commerce SABIT Grant. In 2007 secured Open World grant for exchange of journalists from Severodvinsk to the United States. In 2009 secured Open World grant for exchange of ecologists from Severodvinsk to the United States.

### **Special Skills and Indulgences**

Research and speaking ability in Russian; mediocre speaking and poor research in German; poor reading ability in Ukrainian and Bulgarian; very poor in Portuguese; Automobile Mechanics; Woodworking, Roofing and Building; Little League Baseball Coach.

### **Marathoner: to date 156 marathons**

... including Amsterdam, Barcelona, Berlin, Boston, Budapest, Istanbul, Maine, Midnight Sun [Tromso], Munich, National, New Hampshire, New York, Nice, Paris, Pittsburgh, Prague, Quebec, Reggae [Negril], Reims [Champagne], Rome, Rotterdam, San Francisco, Stockholm, Sugarloaf, Venice.