

NASM Division of Space History Publications, 2000-2005

Paul E. Ceruzzi

Books

- *A History of Modern Computing* (Cambridge, MA: MIT Press, March 2003), second edition.
- *Eine kleine Geschichte der EDV*. [translation of *A History of Modern Computing*, Cambridge, MA: MIT Press, 1998]. Bonn, Germany: mitp-Verlag, February 2004.

Articles

- “The Mind Eye and the Computers of Seymour Cray,” pp. 151-60. In *Exposing Electronics*, edited by Bernard Finn. Amsterdam: Harwood Academic Publishers Group, 2000.
- “Nothing New Since von Neumann: A Historian Looks at Computer Architecture, 1945-1995,” pp. 195-217. In *The First Computers: History and Architectures*, edited by Raul Rojas and Ulf Hashagen. Cambridge, MA: MIT Press, 2000.
- “Tysons Corner, Virginia.” *Technology & Policy* 13/2 (Summer 2000): 86-102.
- “Silicon Valley, Innovation, and the History of Modern Computing: A Conversation Among Doug Engelbart, Gordon Moore, and Regis McKenna.” *STS Nexus* (Santa Clara [CA] University) 2 (Spring 2002): 13-17.
- “A War on Two Fronts: The U.S. Justice Department, Open Source, and Microsoft, 1995-2000.” *Iterations* (an on-line, refereed journal of computing history www.cbi.umn.edu/iterations/tc.html), vol. 1, #1, 2002.
- “Personal Computer Software,” pp. 110-21. In *From 0 to 1 an Authoritative History of Modern Computing*, edited by Atsushi Akeru and Frederik Nebeker. New York: Oxford University Press, 2002.
- “Datamation, Annals, Slashdot, and Tomorrow’s History,” *IEEE Annals of the History of Computing* 24(4) (2002): 71-72.
- “Artificial Intelligence,” in J. L. Heilbron, ed., *The Oxford Companion to the History of Modern Science* (New York: Oxford University Press, 2003), pp. 49-51.
- “Internet Dreams, 1979,” *American Heritage of Invention & Technology* 19/3 (Winter 2004): 34-37.
- “The ‘Problem’ of Computer-Computer Communication, 1995-2000: A Technological Fix?” In Lisa Rosner. Editor. *The Technological Fix: How People Use Technology to Create and Solve Problems*. New York: Routledge, 2004. Pp. 203-17.
- “The Challenge of Introducing History into a Computer Science Curriculum.” In Atsushi Akeru and William Aspray. Editors. *Using History to Teach Computer Science and Related Disciplines*. Washington, DC: Computing Research Association, 2004. Pp. 27-32.

- Operations Research and Military Contracting in the Washington, D.C. Area, 1945-1960.” *Society for History in the Federal Government Occasional Papers* 5 (2005): 33-56.
- “Moore’s Law and Technological Determinism: Reflections on the History of Technology,” *Technology & Culture* 46 (July 2005): 584-93.

Martin Collins

Books

- *Cold War Laboratory: RAND, the Air Force, and the American State, 1945-1950.* Washington, DC: Smithsonian Institution Press, 2002.

Articles

- “The Last Satellite.” *Air & Space Smithsonian*, 15, no. 3 (2000): 14 and 27.
- “Remembering Space.” *Quest: The History of Spaceflight Quarterly* 9, no. 3 (2002): 4-20.
- “Weapons, ‘Weak’ States, and the Military Contract System: The Case of RAND and the Air Force, 1945-1950” in *Providing the Means of War: Historical Perspectives on Defense Acquisition, 1945-2000*, ed. Shannon A. Brown. (Washington, DC: Center for Military History, 2005) CMH Pub 70-87-1
- “One World...One Telephone: Iridium, One Look at the Making of a Global Age.” *History and Technology* 21 (September 2005): 301-24.

James E. David

Books

- *Conducting Post-World War II National Security Research in Executive Branch Records: A Comprehensive Guide.* Westport, CT: Greenwood Press, 2001.

Articles

- “Soviet Secrets in the Ether: Clandestine Radio Stations at the New York and San Francisco Consulates in World War II,” *Cryptologia: A Quarterly Journal Devoted to Cryptology* 17 (April 2003): 135-47.
- “The Looming Crisis in Federal Records Management.” *Journal of Government Information* 30 (2004): 436-42.
- “Progress and Problems in Declassifying U.S. Government Records.” *Journal of Government Information* 30 (2004): 443-50.
- “Was It Really ‘Space Junk’? U.S. Intelligence Interest in Space Debris that Returned to Earth.” *Astropolitics: The International Journal of Space Power and Policy* 3 (Spring 2005): 43-65.

David H. DeVorkin

Books

- *Beyond Earth: Mapping the Universe*. Washington, DC: National Geographic Society, 2002. Editor.
- *The Hubble Space Telescope: Imaging the Universe*. (Washington, DC: National Geographic, July 2004). With Robert W. Smith.

Articles

- “Hybrid Studies Looking at Solar System Astronomy in America,” (Essay Review of Ron Doel, *Solar System Astronomy in America*). *Studies in the History and Philosophy of Modern Physics* 1, no. 31 (2000): 99-103.
- “Quantum Physics and the Stars (V): Physicists at Mount Wilson Prior to 1992.” *Journal for the History of Astronomy* 31 (2000): 301-21.
- “Who Speaks for Astronomy? How Astronomers responded to governmental funding after World War II.” *Historical Studies in the Physical and Biological Sciences* 31 Pt 1 (2000): 55-92.
- “Internationalism, Kapteyn and the Dutch Pipeline,” pp. 129-50. In P. C. van der Kruit and K. van Berkel, eds, *The Legacy of J.C. Kapteyn*. Kluwer, 2001.
- “Toshio Takamine’s Contact with Western Astrophysics.” *History of Oriental Astronomy* (2002): 145-57.
- “Menzel at Princeton.” *Journal for the History of Astronomy* 33 (2002): 119-31.
- “A Spirit of Place: Where the Modern Universe was Born.” *Sky & Telescope* 106 (November 2003): 38-48.
- “Toshio Takamine’s Contact with Western Astrophysics,” in S.M.R. Ansari. Editor. *History of Oriental Astronomy*. (Dordrecht, The Netherlands: Kluwer Academic Publishers, November 2003), pp. 145-157.
- “Space Science,” in John L. Heilbron. Editor. *The Oxford Companion to the History of Modern Science* (New York: Oxford University Press, 2003), pp. 767-69.
- “Foreword” to William Tobin, *The Life and Science of Leon Foucault: The Man Who Proved the Earth Rotates*. (Cambridge, UK: Cambridge University Press, November 2003), pp. vii-viii.
- “Solar Physics from Space,” pp. 1-36, in John M. Logsdon, gen. ed., with Stephen J. Garber, Roger D. Launius, and Ray A. Williamson, eds. *Exploring the Unknown: Selected Documents in the History of the U.S. Civil Space Program, Volume VI: Space and Earth Science*. Washington, DC: NASA SP-2004, 4007, August 2004.
- “Eloge: Robert Phillip Multhauf, 1919-2004,” *Isis* 96 (June 2005), 252-57.

Roger D. Launius

Books

- *The C-5 Galaxy History: Crushing Setbacks, Decisive Achievements*. Paducah, KY: Turner Publishing Co., December 2001. Co-authored with B.I. Dvorscak.
- *Taking Off: A Century of Manned Flight*. Reston, VA: American Institute of Aeronautics & Astronautics, February 2003. Edited with Jonathan Coopersmith.
- *Flight: A Celebration of 100 Years in Art and Literature*. New York: Welcome Books, May 2003. Edited with Anne Collins Goodyear, Anthony M. Springer, and Bertram Ulrich.
- *Space Stations: Base Camps to the Stars*. Washington, DC: Smithsonian Books, June 2003.
- *Reconsidering a Century of Flight*. Chapel Hill: University of North Carolina Press, November 2003. Edited with Janet R. Daly Bednarek.
- *Frontiers of Space Exploration*. Westport, CT: Greenwood Press, April 2004, second edition.
- *Space: A Journey to Our Future*. San Diego, CA: Tehabi Books, June 2004.
- *Apollo: A Retrospective Analysis*. Washington, DC: NASA SP-2004-4503, July 2004, second edition.
- *Exploring the Unknown: Selected Documents in the History of the U.S. Civil Space Program, Volume VI: Space and Earth Science*. Washington, DC: NASA SP-2004, 4007, August 2004. Edited with John M. Logsdon, Stephen J. Garber, and Ray A. Williamson

Articles

- “The Public’s Perception of Space Flight.” *Space Times: The Magazine of the American Astronautical Society* 40 (September-October 2001): 3.
- “The Greening of Space.” *Space Times: The Magazine of the American Astronautical Society* 40 (November-December 2001): 4-10. Co-authored with Howard E. McCurdy.
- “The Case for Humans in Space.” *Space Times: The Magazine of the American Astronautical Society* 41 (March-April 2002): 3, 9. Co-authored with Howard E. McCurdy.
- “Reinvigorated Rocketry?” *Ad Astra* 14 (March/April 2002): 24-27. Co-authored with Howard E. McCurdy.
- “The Human Element of Space Exploration.” *Quest for Space: Beyond 2001* (Clearwater, FL: Belmont International, Inc., July 2002), pp. 94-101. Co-authored with Howard E. McCurdy.
- “Between a Rocket and a Hard Place: The Challenge of Space Access,” in W. Henry Lambricht, ed., *Space Policy in the 21st Century* (Baltimore, MD: Johns Hopkins University Press, December 2002), pp. 15-54.
- “Historical Dimensions of the Space Age,” in Eligar Sadeh, ed., *Space Politics and Policy: An Evolutionary Perspective* (Dordrecht, The Netherlands: Kluwer Academic Publishers, December 2002), pp. 3-25.
- “Planes, Trains and Automobiles: Choosing Transportation Modes in the 20th-Century American West,” *Journal of the West* 42 (Spring 2003): 45-55.
- “Public Opinion Polls and Perceptions of U.S. Human Spaceflight,” *Space Policy* 19 (August 2003): 163-75.

- “Evolving Public Perceptions of Spaceflight in American Culture,” *Acta Astronautica* 53 (2003): 823-31.
- “Perfect Worlds, Perfect Societies: The Persistent Goal of Utopia in Human Spaceflight,” *Journal of the British Interplanetary Society* 56 (September/October 2003): 338-49.
- “The Future of Spaceflight,” pp. 510-14. In Frank H. Winter and F. Robert van der Linden. Compilers. *100 Years of Flight: A Chronicle of Aerospace History, 1903-2003*. Reston, VA: American Institute for Aeronautics and Astronautics, 2003.
- “Looking Backward/Looking Forward: Spaceflight at the Turn of the New Millennium.” *Astropolitics* 1 (Autumn 2003): 62-73.
- “‘We can lick gravity, but sometimes the paperwork is overwhelming’: NASA, Oral History, and the Contemporary Past.” *Oral History Review* 30 (Summer/Fall 2003): 111-28.
- “The Thrill of Spaceflight.” *Profile: Smithsonian National Portrait Gallery News* 4 (Winter 2003): 8.
- “Kennedy’s Space Policy Reconsidered: A Post-Cold War Perspective.” *Air Power History* 50 (Winter 2003): 16-29.
- “Notes from the Field.” *Comparative Technology Transfer and Society* 2 (April 2004): 24-30. Response to W. Henry Lambright and Agnes Gereben Schaefer, “The Political Context of Technology Transfer: NASA and the International Space Station.” *Comparative Technology Transfer and Society* 2 (April 2004): 1-24.
- “The Thrill of Spaceflight.” *Flyer* 9 (Summer 2004): 4. Reprint of *Profile: Smithsonian National Portrait Gallery News* 4 (Winter 2003): 8.
- “After Columbia: The Space Shuttle Program and the Crisis in Space Access.” *Astropolitics* 2 (July-September 2004): 277-322.
- “From the Past to the Future: Core Challenges for Space Flight at the Turn of the New Millennium.” *Space Times: The Magazine of the American Astronautical Society* 43 (November/December 2004): 4-9.
- “Technology in Space,” pp. 275-97. In Carroll Pursell. Editor. *A Companion to American Technology*. “Blackwell Companions to American Technology.” Oxford, UK: Blackwell Publishing, 2005.
- “Foreword,” pp. ix-x. In Douglas J. Mudgway. *Big Dish: Buildings America’s Deep Space Connection to the Planets*. Gainesville: University Press of Florida, 2005.
- “Perceptions of Apollo: Myth, Nostalgia, Memory or all of the Above?” *Space Policy* 21 (May 2005): 129-39.
- “Eisenhower and Space: Politics and Ideology in the Construction of the U.S. Civil Space Program,” pp. 151-82. In Dennis E. Showalter. Editor. *Forging the Shield: Eisenhower and National Security in the 21st Century*. Chicago, IL: Imprint Publications, 2005.

Valerie J. Neal

Articles

- “Bumped from the Shuttle Fleet: Why Didn’t *Enterprise* Fly in Space?” *History and Technology* 18(3) (2002): 181-202.

- “Three, Four, or More: How Many Orbiters in the Space Shuttle Fleet Are Necessary?” *Space Times: Magazine of the American Astronautical Society* 42 (May-June 2003): 4-7.
- “Space Policy and the Size of the Space Shuttle Fleet.” *Space Policy* 20 (August 2004): 157-69.

Allen A. Needell

Books

- *Science, Cold War and the American State: Lloyd V. Berkner and the Balance of Professional Ideals*. Amsterdam: Harwood Academic Press, 2000.

Michael J. Neufeld

Books

- *The Bombing of Auschwitz: Should the Allies Have Attempted It?* New York: St. Martin's Press. Published in association with the U.S. Holocaust Memorial Museum, 2000.
- *The Bombing of Auschwitz: Should the Allies Have Attempted It?* Paperback reprint edition: Lawrence: University Press of Kansas, September 2003. Edited with Michael Berenbaum.

Articles

- “Orbiter, Overflight, and the First U.S. Satellite: New Light on the Vanguard Decision,” pp. 231-57. In *Reconsidering Sputnik*, edited by Roger D. Launius, John M. Logsdon, and Robert W. Smith. Amsterdam: Harwood Academic Publishers, 2000.
- “The Reichswehr, the Rocket and the Versailles Treaty: A Popular Myth Reexamined.” *Journal of the British Interplanetary Society* 53 (May/June 2000): 163-72.
- “Mercury Capsule Friendship 7,” “Gemini VII” and Apollo Lunar Module LM-2 in *At the Controls: The Smithsonian National Air and Space Museum Book of Cockpits*, edited by Tom Alison and Dana Bell. (Niagara Falls, NY: Boston Mills Press, 2001), pp. 120-124, 128.
- “The Excluded: Hermann Oberth and Rudolf Nebel in the Third Reich,” pp. 209-22. *Proceedings of the Twenty-Eighth and Twenty-Ninth History Symposia of the International Academy of Astronautics*, edited by Donald C. Elder and Christophe Rothmund. San Diego: Univelt, Inc., for American Astronautical Society, 2001.
- “Overcast Paperclip Osoaviakhim: Plunderung und Transfer Deutscher Militartechnologie,” pp. I 306-16. In *Die USA und Deutschland Im Zeitalter Des Kalten Krieges 1945-1990*,” edited by Detlef Junker. Stuttgart/Munich: Deutsche Verlags-Anstalt, 2001.
- “Wernher von Braun, the SS and Concentration Camp Labor: Questions of Moral, Political and Criminal Responsibility.” *German Studies Review* 25 (February 2002): 57-78.

- “Wernher von Braun and Concentration Camp Labor: An Exchange,” *German Studies Review* 26/1 (2003): 121-26.
- “Wernher von Braun, the Hermann Lietz Schools and the Dream of Spaceflight,” in Hartmut Henke, ed., *75 Jahre Hermann Lietz Schule Spiekeroog* (Spiekeroog: Hermann Lietz-Schule Spiekeroog, 2003), pp. 73-76.
- “Foreword,” in André Sellier, *A History of the Dora Camp* (Chicago: Ivan R. Dee, 2003), pp. ix-x.
- “Wernher von Braun.” *Lexikon der bedeutenden Naturwissenschaftler in drei Bänden*. I:243-49. Edited by Dieter Hoffmann, et al. Heidelberg: Spektrum Akademischer Verlag, 2003.
- “Peenemünde, die Rakete and der NS-Staat,” and “Das Erbe von Peenemünde in den Vereinigten Staaten,” In *Peenemünde: Geschichte und Mythos 1936-1989*, edited by Johannes Erichsen and Bernhard M. Hoppe, pp. 35-42, 79-86. Berlin: Nikolai’sche Verlagsbuchhandlung, 2004.
- “Overcast, Paperclip, Osoaviakhim: Looting and the Transfer of German Military Technology,” pp. 197-203. Detlef Junker, Editor. Philipp Gossert, Wilfred Mausbach, and David B. Morris. Associate Editors. *The United States and Germany in the Era of the Cold War, 1945-1990*. New York: Cambridge University Press and German Historical Institute, 2004.
- “Die Peenemünder Raketeningenieure und die Entwicklung Ballistischer Raketen in den USA,” pp. 29-39. In Thomas Stamm-Kuhlmann and Reinhard Wolf. Editors. *Raketenrüstung und Internationale Sicherheit von 1942 bis Heute*. Wiesbaden: Franz Steiner, 2004.
- “The End of the Army Space Program: Interservice Rivalry and the Transfer of the von Braun Group to NASA, 1958-1959.” *The Journal of Military History* 69 (July 2005): 737-58.
- “Rudolph, Arthur,” XXII:200-201, in *Neue Deutsche Biographie*, edited by the Historische Kommission bei der Bayerischen Akademie der Wissenschaften. Berlin: Duncker & Humblot, 2005.

Margaret A. Weitekamp

Books

- *Right Stuff, Wrong Sex: America’s First Women in Space Program*. Baltimore, MD: Johns Hopkins University Press, November 2004.

Articles

- “The ‘Astronautrix’ and the ‘Magnificent Male’: Jerrie Cobb’s Quest to Be the First Woman in America’s Manned Space Program, pp. 9-28. In Avital H. Bloch and Lauri Limansky. Editors. *Impossible to Hold: Women and Culture in the 1980s*. New York: New York University Press, 2005.

Frank H. Winter

Books

- *100 Years of Flight: A Chronicle of Aerospace History, 1903-2003*. Reston, VA: American Institute for Aeronautics and Astronautics, July 2003. Compiled with F. Robert van der Linden. Second Printing with revisions and updates. Reston, VA: American Institute of Aeronautics and Astronautics, December 2004.

Articles

- “Preliminary Investigations of the Rockets in the Water Splashing Festival in Yunnan, China, and Its Connection with Bang Fai and Ryusei Rocket,” pp. 21-30. In *Proceedings of The 2nd International Ryusei Rocket Symposium, 22nd International Symposium on Space Technology and Science*. Tohno, Iwate Prefecture, Japan, 2000.
- “The ‘Trip to the Moon’ and Other Early Spaceflight Simulation Shows Ca 1901-1915 Part I,” pp. 133-61. Proceedings of the Twenty-Eight and Twenty-Ninth History Symposia of the International Academy of Astronautics-Jerusalem, Israel 1994, vol. 23, edited by Donald C. Elder and Christophe Rothmund. San Diego: American Astronautical Society by Univelt Inc, 2001.
- “Romick's Radical Rockets.” *Timelines* 19 (March/April 2002): 40-53.
- “The ‘Trip to the Moon’ and Other Early Spaceflight Simulation Shows ca. 1901-1915: Part 2.” *History of Rocketry and Astronautics: Proceeding of the Thirtieth History Symposium of the International Academy of Astronautics*, edited by Hervé Moulin and Donald C. Elder. San Diego: Univelt, Inc., for American Astronautical Society, 2003, pp. 3-28.

Amanda Young

Books

- *National Air and Space Museum Collections Report Number 5*. “The Preservation, Storage, and Display of Spacesuits.” Washington, DC: Smithsonian Institution, December 2001. With Lisa A. Young.

Articles

- “Fungal Growth on Synthetic Cloth from Apollo Spacesuits.” *Annals of Micro-Biology* 53 (2003): 47-54. Written with M. Breuker, C. McNamara, L. Young, T. Perry, and R. Mitchell.
- “Spacesuit Evolution from John Glenn to Apollo 15.” *The Paper Airplane: National Air and Space Museum Docent Newsletter*, September 2004, p. 1.
- “The Spacesuit,” pp. 162-79. In Matilda McQuaid. Editor. *Extreme Textiles: Designing for High Performance*. New York: Princeton Architectural Press, 2005.

Lisa Young

Books

- *National Air and Space Museum Collections Report Number 5*. "The Preservation, Storage, and Display of Spacesuits." Washington, DC: Smithsonian Institution, December 2001. With Lisa A. Young.

Articles

- "Deterioration of Plasticized PVC Components in Apollo Spacesuits," in *Plastics in Art: History, Technology and Preservation, Proceedings from the ICOM-CC Modern Materials Working Group*. Cologne: ICOM-CC Modern Materials Working Group, 2002. Pp. 69-79. Written with Yvonne Shashoua and Ulrich Schnell.
- "Fungal growth on synthetic cloth from Apollo Spacesuits," *Annals of Microbiology* 53 (2003): 47-54. Written with M. Breuker, C. McNamara, A. Young, T. Perry, and R. Mitchell.
- "Saving America's Treasures: Threatened Artifacts from the Apollo Era." *Textile Speciality Group Postprints* (American Institute for Conservation) 12 (2003): 97-104.
- "Plastics Conservation," in *The Conservation Resources for Art and Antiques*, 2nd Edition (Washington, DC: Washington Conservation Guild, August 2004).