

ASIF A. SIDDIQI

Professor, Department of History
Fordham University, Dealy Hall, 441 E. Fordham Road, Bronx, NY 10458
phone: 718.817.3939 / fax: 718.817.4680
e-mail: siddiqi@fordham.edu

ACADEMIC APPOINTMENTS

2013- Professor, Department of History, Fordham University
2011-2013 Associate Chair for Undergraduate Studies, Department of History, Fordham University
2010-2013 Associate Professor, Department of History, Fordham University
2005-2010 Assistant Professor, Department of History, Fordham University

VISITING POSITIONS

2013-2014 Charles A. Lindbergh Chair in Aerospace History, Smithsonian Institution
2008-2009 Visiting Scholar, Program in Science, Technology, and Society, MIT
2004-2005 Visiting Scholar, American Academy of Arts & Sciences, Cambridge, MA

EDUCATION

Ph.D., History, Carnegie Mellon University, 2004.
Dissertation: "The Rockets' Red Glare: Spaceflight and the Russian Imagination, 1857-1957."
Committee: Wendy Goldman, David Hounshell, Jonathan Harris
M.B.A., University of Massachusetts-Amherst, 1998.
M.S., Economics, Texas A&M University, 1992.
Thesis: "Effects of Technological Change in Agriculture on Distributive Justice in Bangladesh."
B.S., Electrical Engineering, Texas A&M University, 1989.

CURRENT PROFESSIONAL SERVICE and AFFILIATIONS

2012- Member, National Research Council (NRC) Committee on the Future of Human Spaceflight, Tasked by Congressional Law (Section 204 of NASA Authorization Act 2010) to deliver a recommendation to the President, Congress, and NASA in June 2014 on the future of U.S. human spaceflight
2013- Contributing Editor, *Technology and Culture*
2013- Co-Editor, Monograph Series on Historical Perspectives on Technology, Culture, and Society, American Historical Association (AHA)/Society for the History of Technology (SHOT)
2011- Member, Advisory Board, *Вопросы истории естествознания и техники* (*Problems in the History of Natural Sciences and Technology*), official history journal of the Russian Academy of Sciences

RESEARCH and TEACHING INTERESTS

Soviet/Russian history; history of science and technology; postcolonial science; popular culture

GRANTS and FELLOWSHIPS

Graham Foundation Individual Grant (with Xenia Vytuleva): "ZATO: Soviet Secret Cities of the Cold War" (2013-2014)
Faculty Research Grant, Fordham University (2011-2012)
National Science Foundation (NSF), Science & Society Program Scholar Award for \$97,996 ("From the Postcolonial to the Global: A History of the Indian Space Program, 1962-1992") (2008-2011)
Fordham Faculty Fellowship, Fordham University (2009-2010)
Faculty Research Grant, Fordham University (2006-2007)
American Historical Association (AHA), Fellowship in Aerospace History (2003-2004)

Smithsonian Institution (National Air & Space Museum), A. Verville Fellowship (2002-2003)
Social Science Research Council (SSRC), International Dissertation Research Fellowship (2002-2003)
IREX Advanced Research Opportunities Program (IARO) (2002-2003) [declined]
National Science Foundation (NSF), Science and Technology Studies Program's Dissertation Research Improvement Award (2001-2002)
National Science Foundation (NSF), 3-Year Full-Tuition Graduate Scholarship (1998-2001)
Smithsonian Institution (National Air & Space Museum), Guggenheim Short-Term Grant (2000)

HONORS

Winner, Funded-Research Scholar Award in the Humanities, Fordham University (2011)
American Astronautical Society (AAS), Eugene M. Emme Astronautical Literature Award for *The Red Rockets' Glare: Spaceflight and the Soviet Imagination, 1857-1957* (2011)
Listed in "Desi 50": 50 Most Influential South Asians Living/Working in America, South Asian Journalists Association (SAJA) (2007)
Wall Street Journal names *Challenge to Apollo* one of the five best books on space exploration (*Wall Street Journal*, December 30, 2006).
American Astronautical Society (AAS), Eugene M. Emme Astronautical Literature Award for *Challenge to Apollo: The Soviet Union and the Space Race, 1945-1974* (2001)
Aviation Week and Space Technology, Year-End Laurels for *Challenge to Apollo: The Soviet Union and the Space Race, 1945-1974* (2001)
American Institute of Aeronautics and Astronautics (AIAA), History Manuscript Award for *Challenge to Apollo: The Soviet Union and the Space Race, 1945-1974*, for the "best historical manuscript dealing with the science, technology, and/or impact of aeronautics and astronautics" (1998)
National Space Club, Robert H. Goddard Historical Essay Award (1997)
Mavis and Mary Kelsey Award, 18th Annual Student Book Collectors' Contest, Texas A&M University, for "The History and Technology of Space Exploration: Chronicles of the Next Frontier" (1990)
1st Prize in national essay competition sponsored by UNESCO and the Bangladesh Space Research and Remote Sensing Organization (1982)

MONOGRAPHS

- *Soviet Science and the Gulag* (under contract to Oxford University Press).
- *The Red Rockets' Glare: Spaceflight and the Soviet Imagination, 1857-1957* (Cambridge University Press, 2010).
Reviews: Times Literary Supplement, April 15, 2011, 13; *American Historical Review* 116.4 (2011): 1231-32; "The Social Construction of Sputnik," *Technology & Culture* 52 (July 2011): 614-17; *Isis* 102.1 (2011): 193-94; *The Russian Review* 60.4 (2010): 713-714; *Slavic Review* 71.1 (2012): 187-88; *Journal of Modern History* 83.4 (2011): 965-67; "Popular Science, A Useful and Productive Category after All," *Historical Studies in the Natural Sciences* 42.5 (2012): 590-600; *Slavonica* 17.1 (2011): 60-61; *The NEP Era: Soviet Russia, 1921-1928* 5 (2011): 59-61; *Jahrbücher für Geschichte Osteuropas*, jgo.e-reviews 2012, 1: 52-54; *Journal of Military History* 74.4 (2010): 1325-26; *Space Policy* 28 (2012): 64-65; *Quest: The History of Spaceflight Quarterly* 19.1 (2012): 60-61; *Space Times* 50.6 (2011): 23.
- *Sputnik and the Soviet Space Challenge and The Soviet Space Race with Apollo, 2 vols.* (University Press of Florida, 2003).
Originally published as *Challenge to Apollo: The Soviet Union and the Space Race, 1945-1974* (NASA History Division, 2000).
Reviews: Isis 96.2 (2005): 308-309; *The Russian Review* 63 (2004): 544-45; *Russian History/Histoire Russian* 31.3 (Fall 2004): 361-64; *Space Policy* 18 (2002): 75-76; *Journal of the British Interplanetary Society* 55.7-8 (2002): 240; *The Public Historian* 24 (Winter 2002): 108-109; *Technology & Culture* 42.4 (2001): 817-18; *Quest: The History of Spaceflight Quarterly* 9.1 (2001): 62; *Journal of Military History* 65.3 (2001): 859-60; *Air Power History* 48.1 (Spring 2001): 69-70; *Spaceflight* (2001): 175; *Astronomy* 29.3 (March 2001): 96-97; *Aviation Week & Space Technology*, January 8, 2001; *Air & Space* 15.5 (December 2000/January 2001): 92.

EDITED VOLUMES

- (Co-edited with James T. Andrews), *Into the Cosmos: Space Exploration and Soviet Culture* (University of Pittsburgh Press, 2011).
Reviews: Kritika: Explorations in Russian and Eurasian History 15.2 (Spring 2014): 458-65; *The Russian Review* 71.4 (2012): 713-14; *Slavic Review* 71.4 (Winter 2012): 953-54; *The Soviet and Post-Soviet Review* 39.2 (2012): 283-84; *Technology & Culture* 54.2 (2013): 419-20; *Centaurus* 55.1 (2013): 49-50; *Quest: The History of Spaceflight Quarterly* 19.2 (2012): 64.
- Boris Chertok, *Rockets and People, Vol. IV: The Moon Race* (NASA History Office, 2011)
Rockets and People, Vol. III: Hot Days of the Cold War (NASA History Office, 2009)
Rockets and People, Vol. II: Creating a Rocket Industry (NASA History Office, 2006)
Rockets and People, Vol. I (NASA History Office, 2005)
Four-volume set of memoirs of Academician B. E. Chertok, translated from the original Russian. I served as Series Editor for all four volumes.

SPECIAL ISSUES

Editor, special issue of the journal, *History and Technology*, on “Technology in the South Asian Imaginary,” forthcoming 2015.

OCCASIONAL PAPERS/REPORTS

- Co-author, *Pathways to Exploration: Rationales and Approaches for a U.S. Program of Human Space Exploration* (Washington, DC: National Academy of Sciences, 2014).
- Co-author, *The Future of Human Spaceflight: Objectives and Policy Implications in a Global Context* (Cambridge, Mass.: American Academy of Arts & Sciences, 2009).
- Co-author, *The Future of Human Spaceflight*, White Paper issued by the Space, Policy & Society Group, Massachusetts Institute of Technology (MIT), Cambridge, Mass., December 2008.
- Deep Space Chronicle: A Chronology of Deep Space and Planetary Probes, 1958-2000*, NASA History Office, 2002.

PUBLISHED ESSAYS

In Academic Journals and Edited Volumes

- “A Space for Development: Satellite Television, Indian Scientific Elites, and the Cold War.” *Comparative Studies in South Asia, Africa, and the Middle East*, forthcoming.
- “Science in the Gulag: State and Terror in Stalin’s *Sbarashka*.” In *Kritika: Explorations in Russian and Eurasian History*, forthcoming.
- “Fighting Each Other: The N-1, Soviet Big Science, and the Cold War at Home.” In *Science and Technology in the Global Cold War*, eds. Naomi Oreskes and John Krige. Cambridge, Mass.: MIT Press, forthcoming.
- “Technology, Transcultural Idioms, and the Question of Authenticity: Brian Eno and David Byrne in the Studio.” In *Creativity: Technology and the Arts*, eds. Hans-Joachim Braun and Susan Schmidt-Horning. Frankfurt/Main, forthcoming.
- “From Cosmic Enthusiasm to Nostalgia for the Future: A Tale of Soviet Space Culture.” In *Soviet Space Culture: Cosmic Enthusiasm in Socialist Societies*, eds. Eva Maurer, Julia Richers, Monica Rùthers, and Carmen Scheide, 283-306. London: Palgrave Macmillan, 2011.
- “Cosmic Contradictions: Popular Enthusiasm and Secrecy in the Soviet Space Program.” In *Into the Cosmos: Space Exploration and Soviet Culture*, eds. James T. Andrews and Asif A. Siddiqi, 47-76. Pittsburgh: University of Pittsburgh Press, 2011.
- (Co-Authored with James T. Andrews), “Introduction: Space Exploration in the Soviet Context.” In *Into the Cosmos: Space Exploration and Soviet Culture*, eds. James T. Andrews and Asif A. Siddiqi, 1-12. Pittsburgh: University of Pittsburgh Press, 2011.

- “Competing Technologies, National(ist) Narratives, and Universal Claims: Towards a Global History of Space Exploration.” *Technology and Culture* 51 (April 2010): 425-443.
- “An Asian Space Race: Hype or Reality?.” In *South Asia at a Crossroads: Conflict or Cooperation in the Age of Nuclear Weapons, Missile Defense, and Space Rivalries*, eds. Subrata Ghoshroy and Goetz Neuneck, 184-198. Berlin: Nomos Publishers, 2010.
- “Asia in Orbit: Asian Cooperation in Space.” *Georgetown Journal of International Affairs* 11.1 (Winter/Spring 2010): 131-139.
- “Germans in Russia: Cold War, Technology Transfer, and National Identity.” In *Osiris, 2nd Series, Vol. 24 (Science and National Identity)*, eds. Carol E. Harrison and Ann Johnson, 120-143. Chicago: University of Chicago Press, 2009.
- “National Aspirations on a Global Stage: Fifty Years of Spaceflight.” In *Remembering the Space Age*, ed. Steven J. Dick, 17-35. Washington, DC: NASA History Division, 2009.
- “Imagining the Cosmos: Utopians, Mystics, and the Popular Culture of Spaceflight in Revolutionary Russia.” In *Osiris, 2nd Series, Vol. 23 (Intelligentsia Science: The Russian Century, 1860-1960)*, eds. Michael D. Gordin, Karl Hall, and Alexei B. Kojevnikov, 260-288. Chicago: University of Chicago Press, 2008.
- “Sputnik 50 years Later: New Evidence on its origins.” *Acta Astronautica* 63 (2008): 529-539.
- “Soviet Space Power During the Cold War.” In *Harnessing the Heavens: National Defense Through Space*, eds. Paul G. Gillespie and Grant T. Weller, 135-150. Colorado Springs: United States Air Force Academy, 2008.
- “Making Spaceflight Modern: A Cultural History of the World’s First Space Advocacy Group.” In *The Societal Impact of Spaceflight*, eds. Steven J. Dick and Roger D. Launius, 513-537. Washington, DC: NASA History Division, 2007.
- “American Space History: Legacies, Questions, and Opportunities for Further Research.” In *Critical Issues in Space History*, eds. Steven J. Dick and Roger D. Launius, 433-480. Washington, DC: NASA History Division, 2006.
- «Наука за стенами академии: К. Э. Циолковский и его альтернативная сеть неформальной научной коммуникации». *Вопросы истории естествознания и техники* no. 4 (2005): 137-54. [“Science Outside the Academy: K. E. Tsiolkovskii and His Alternative Discursive Networks.” *Voprosy istorii estestvoznaniia i tekhniki* no. 4 (2005): 137-54.]
- “Privatising Memory: The Soviet Space Programme Through Museums and Memoirs.” In *Showcasing Space: Artefacts Series: Studies in the History of Science and Technology*, eds. Martin Collins and Douglas Millard, 98-115. London: The Science Museum, 2005.
- “Russians in Germany: Founding the Postwar Missile Programme.” *Europe-Asia Studies* 56.8 (2004): 1131-56.
- “Deep Impact: Robert Goddard and the Soviet ‘Space Fad’ of the 1920s.” *History and Technology* 20.2 (2004): 97-113.
- “The Rockets’ Red Glare: Technology, Conflict, and Terror in the Soviet Union.” *Technology and Culture* 44.3 (2003): 470-501.
- “Korolev, Sputnik, and the International Geophysical Year.” In *Reconsidering Sputnik: Forty Years Since the Soviet Satellite*, ed. Roger D. Launius, John M. Logsdon, and Robert W. Smith, 43-72. Amsterdam: Harwood Academic Publishers, 2000.

In Museum Exhibit Catalogs

- “Space Enthusiasms” in *Cosmonauts: The Birth of the Space Age* (London: The Science Museum, forthcoming), publication associated with “Cosmonauts: The Birth of the Space Age” exhibit opening at The Science Museum, London in November 2014.
- “ZATO: Soviet Secret Cities during the Cold War,” text for exhibit at Harriman Institute, Columbia University, March 27-May 22, 2012.

In Popular and Specialized Journals/Books

- “People and Archives.” In *Cold War Space Sleuths: The Untold Secrets of the Soviet Space Program*, ed. Dominic Phelan, 217-253. London: Springer, 2012.

- "The first woman in Earth orbit: Transcripts give new perspective on Vostok-6 mission." *Spaceflight* 51 (January 2009): 18-27 and 51 (February 2009): 64-71.
- "Soviet rocket man was known in West." *Spaceflight* 50 (September 2008): 342-349.
- "Iskusstvennyy sputnik zemli: The launch of the world's first artificial satellite 50 years ago." *Spaceflight* 49 (November 2007): 426-447.
- "The Sputnik Decision Revisited." *Quest: The History of Spaceflight Quarterly* 14.4 (2007): 20-28.
- "The Man Behind the Curtain." *Air & Space (Smithsonian)* 22.5 (October/November 2007): 58-63.
- «Королев—взгляд с Запада». *Новости космонавтики* no. 8 (2007): 58-59. ["Korolev—A View from the West." *News of Cosmonautics* no. 8 (2007): 58-59.]
- "Russia's Long Love Affair with Space." *Air & Space (Smithsonian)* 22.3 (August 2007): 35-39.
- "A Secret Uncovered: The Soviet Decision to Land Cosmonauts on the Moon." *Spaceflight* 46 (May 2004): 205-13. (With Dwayne A. Day), "The Moon in the Crosshairs: CIA Intelligence on the Soviet Manned Lunar Programme." *Spaceflight* 45 (November 2003): 466-75 and *Spaceflight* 46 (March 2004): 112-25.
- "Soyuz Variants—A 40 Year History." *Spaceflight* 45 (March 2003): 118-21.
- "The Almaz Space Station Complex: A History, 1964-1992." *Journal of the British Interplanetary Society* 54 (2001): 389-416 and 55 (2002): 35-67.
- "Rocket Engines from the Glushko Design Bureau, 1945-2000." *Journal of the British Interplanetary Society* 54 (2001): 311-34.
- (With B. Hendrickx and T. Varfolomeyev), "The Tough Road Travelled: A New Look at the Second Generation Luna Probes." *Journal of the British Interplanetary Society* 53 (2000): 319-56.
- "The Soviet Fractional Orbiting Bombardment System (FOBS): A Short Technical History." *Quest: The History of Spaceflight Quarterly* 7 (Spring 2000): 22-32.
- "Staring at the Sea: The Soviet RORSAT and EORSAT Programmes." *Journal of the British Interplanetary Society* 52 (1999): 397-416.
- "Soyuz-1 Revisited: From Myth to Reality." *Quest: The History of Spaceflight Quarterly* 6 (1998): 5-16.
- "First to the Moon." *Journal of the British Interplanetary Society* 51: (1998): 231-38.
- "The Decision To Go to the Moon: The View From the Soviet Union." *Spaceflight* 40 (May 1998): 177-80 and 40 (June 1998): 227-30.
- "Cold War in Space: A Look Back at the Soviet Union." *Spaceflight* 40 (February 1998): 63-68.
- "Before Sputnik: Early Satellite Studies in the Soviet Union 1947-1957." *Spaceflight* 39 (October 1997): 334-37 and 39 (November 1997): 389-92.
- "Soviet Design Bureaux." *Spaceflight* 39 (August 1997): 277-80.
- "The Soviet Co-Orbital Anti-Satellite System: A Synopsis." *Journal of the British Interplanetary Society* 50 (1997): 225-40.
- "Cancelled Missions in the Voskhod Programme." *Journal of the British Interplanetary Society* 50 (1997): 25-32.
- "There It is!" *Quest* 5.3 (1996): 38-41.
- "The Triumph and Tragedy of Salyut 1." *Quest* 5.3 (1996): 26-33.
- "Major Launch Failures in the Early Soviet Space Programme." *Spaceflight* 37 (Nov1995): 393-94.
- "Mourning Star: The Nedelin Disaster." *Quest* 3.4 (1994): 38-47.
- "Soviet Space Programme—Organisational Structure in the 1960s." *Spaceflight* 36 (August 1994): 283-86 and 36 (September 1994): 317-20.

In Encyclopedias

Encyclopædia Britannica (all annual editions since 2001), ten entries on the global aerospace industry.

Encyclopedia of the Cold War (Routledge, 2008), two entries on Sputnik and Yuri Gagarin.

Space Exploration and Humanity: A Historical Encyclopedia (ABC-CLIO, 2010), two entries on the Russian space program.

On-Line

Founding Contributor to Russian History Blog, <http://russianhistoryblog.org/>.

Contributor to Second World Urbanity Blog, <http://www.secondworldurbanity.org/>.

34 essays for the U.S. Centennial of Flight Commission website on the history of global aviation and space exploration (http://www.centennialofflight.net/essay_cat/re_category.htm).

(with Dwayne A. Day), "Lies, Damned Lies, and Cover Stories: New Revelations about Satellite Secrecy During the Cold War." *The Space Review*, November 20, 2006, <http://www.thespacereview.com/article/750/1>

Book Reviews

Buried Glory: Portraits of Soviet Scientists by Istvan Hargittai, reviewed in *Physics World* 27.10 (2014): 50-51.

A Brief History of Rocketry in ISRO by P. V. Manoranjan Rao and P. Radhakrishnan, reviewed in *Quest: The History of Spaceflight Quarterly* 21.3 (2014): 55-57.

Asian Space Race: Rhetoric or Reality? by Ajay Lele, reviewed in *Physics Today* 67.4 (April 2014): 50-51

The Cosmonaut Who Couldn't Stop Smiling: The Life and Legend of Yuri Gagarin by Andrew L. Jenks, reviewed in *Slavic Review* 72.4 (2013): 904-905.

We Modern People: Science Fiction and the Making of Russian Modernity by Anindita Banerjee, reviewed in *Science* 341 (July 5, 2013): 31-32.

A Martian Stranded on Earth: Alexander Bogdanov, Blood Transfusions, and Proletarian Science by Nikolai Kremontsov, reviewed in *The Russian Review* 72.2 (2013): 332-333.

"Where and when was the Cold War?" Essay review of *Entangled Geographies: Empire and Technopolitics in the Global Cold War* edited by Gabrielle Hecht, reviewed in *Metascience* 22.3 (2013): 513-516.

Red Cloud at Dawn: Truman, Stalin, and the End of the Atomic Monopoly by Michael D. Gordin, reviewed in *Isis* 103.2 (2012): 426-427.

Lenin's Laureate: Zhores Alferov's Life in Communist Science by Paul R. Josephson, reviewed in *Technology and Culture* 53.2 (2012): 511-512.

Red Cosmos: K. E. Tsiolkovskii, Grandfather of Soviet Rocketry by James T. Andrews, reviewed in *Quest: The History of Spaceflight Quarterly* 17.3 (2010): 70-71.

Into the Silent Sea: Trailblazers of the Space Era, 1961-1965 by Francis French and Colin Burgess, reviewed in *Slavonic and East European Journal* 53.4 (2009): 704-705.

Dictatorship of the Air: Aviation Culture and the Fate of Modern Russia by Scott W. Palmer, reviewed in *Technology and Culture* 49.4 (2008): 1101-1102.

Cars for Comrades: The Life of the Soviet Automobile by Lewis H. Siegelbaum, reviewed in *The Moscow Times* (Context supplement) (May 30-June 5, 2008): 4.

Spacecraft Technology: The Early Years by Mark Williamson, reviewed in *Tech. and Culture* 48.4 (2007): 895-897.

Red Moon Rising: Sputnik and the Hidden Rivalries that Ignited the Space Age by Matthew Brzezinski, reviewed in *The Moscow Times* (Context supplement) (September 28-October 4, 2007): 4.

First Man: The Life of Neil A. Armstrong by James R. Hansen, reviewed in *Isis* 97.4 (2006): 793-94.

Stalin's Great Science: The Times and Adventures of Soviet Physicists by Alexei B. Kojevnikov, reviewed in *Technology and Culture* 47 (2006): 674-76.

The First Space Race: Launching the World's First Satellites by Matt Bille and Erika Lishock, reviewed in *Technology and Culture*, reviewed in *Technology and Culture* 47 (2006): 244-246.

Science for the Masses: The Bolshevik State, Public Science, and the Popular Imagination, 1917-1934 James T. Andrews, reviewed in *Technology and Culture* 45 (2004): 206-207.

Leaving Earth: Space Stations, Rival Superpowers, and the Quest for Interplanetary Travel by Robert Zimmerman, reviewed in *Nature* 426 (December 4, 2003): 498-99.

Russian Strategic Nuclear Forces, ed. by Pavel Podvig, reviewed in *Technology and Culture* 43 (2002): 822-23.

Roads to Space: An Oral History of the Soviet Space Program edited by John Rhea, reviewed in *Quest: The History of Spaceflight Magazine* 4.4 (Winter 1995): 48-49.

The State of Weightlessness, documentary film by Massiere Drygas, reviewed in *Quest: The History of Spaceflight Magazine* 4.3 (Fall 1995): 50-51.

Short Pieces

"Remembering Neil Armstrong." *The Daily Star*, September 23, 2012.

"So Much for the Nation to Know" (in Bengali). *Shamakal*, August 24, 2012.

"Sputnik and American Nostalgia." *Inside Fordham* 30.5 (November 5, 2007): 5.

"From Russia with History." *NASA History Division News & Notes* 24/2 (May 2007): 1-2, 4-5.

"Mutual Influences: U.S.S.R.-U.S. Interactions During the Space Race." In *Looking Backward, Looking Forward: Forty Years of U.S. Human Spaceflight Symposium*, ed. S. J. Garber (NASA, 2002), 66-72.

"The End of the Road for Mir." *The Daily Star*, August 13, 1999.

TEACHING EXPERIENCE

Fordham University

Undergraduate surveys

"Understanding Historical Change: Modern Europe" (regular and *Eloquentia Perfecta* variants)

"The West: From The Enlightenment to the Present"

"Freshman Seminar: Modern Europe"

Undergraduate upper level electives

"Social History of Technology" (*Eloquentia Perfecta* course)

"Science in Popular Culture"

"Stalinism: Making the Soviet State" (*Eloquentia Perfecta* course)

"Technology from Antiquity to the Middle Ages" (*Eloquentia Perfecta* course)

"Seminar: Making of Modern South Asia"

"Seminar: Technology and Society in the Modern World"

"Seminar: Cold War Science and Technology"

"The Cold War Space Race"

Honors program

"Seminar: Contemporary History"

Graduate

"Science and Power"

"Technology and Empire"

"Pedagogy: Teaching History"

Carnegie Mellon University

"The Soviet Union in World War II," TA, upper level elective

"The Roots of Rock'n'Roll," TA, upper level elective

Texas A&M University

"Biotechnology Ethics," TA, upper level elective, Department of Economics

Ph.D. DISSERTATION COMMITTEES

Georgia Institute of Technology: Ashok Maharaj (2011)

Columbia University: Elizabeth Kosakowska (2012)

Fordham University: Darryl Brock (2014), Richard Hresko (in process)

Princeton University: Robert MacGregor (expected 2014)

DOCTORAL COMPREHENSIVE EXAM COMMITTEES

Alessandro Saluppo (2011), Darryl Brock (2011), Brandon Gauthier (2012), Richard Hresko (2013)

B.A. HONORS THESIS COMMITTEES

Melissa King (2006)

James Passarelli (2012)

INVITED LECTURES

“Further Considerations Toward a Global History of Spaceflight.” National Air & Space Museum Works-in-Progress Talk, Washington, DC, May 28, 2014.

“The Cause of the Cosmos: Science and Occult at the Root of the Soviet Space Program.” Conference on “Science, Religion, and Communism in Cold War Europe,” St. Antony’s College, Oxford, May 16-17, 2014.

“Science, Technology, and the Postcolonial Condition: Producing the Indian Space Program, 1960-1970.” Program in the History of Science, Medicine & Technology, Johns Hopkins University, Baltimore, Maryland, March 6, 2014

“Local Sites/Global Rationales: Theorizing a New Global History of Space Exploration.” Smithsonian Institution Contemporary History Colloquium, Washington, DC, December 5, 2013.

“Secrecy and the Soviet State: Toward a Social Map of Knowledge.” Columbia University Seminar on Twentieth Century Politics and Society, New York, December 4, 2013.

“Cold War’s Shadow: NewSpace Beyond the United States.” Space Exploration and Human Imagination: Space Futures, Conference hosted by the Rice Space Institute, Rice University, Houston, April 11-12, 2013.

“Between the Colonial and the Postcolonial: Indian Science, the U.S. Military-Industrial Complex, and the Creation of INSAT.” St. John’s University, Graduate Colloquium, February 21, 2013.

“Yuri Gagarin, Soviet Culture, and the Origins of the Space Race.” Davis Center, Harvard University, Cambridge, April 27, 2012.

“Gagarin at 50: Revisiting the Origins of the Space Race.” DePaul University, April 29, 2011.

«К 50-летию полета Ю. А. Гагарина: Секретность и история Советской космической программы». Russian State University for the Humanities, Moscow, April 11, 2011.

“The Gulag Science Camps: State, Science, and Terror Under Stalin.” Seminar on Slavic History and Culture, Columbia University, New York, April 4, 2008.

“National Aspirations on a Global Stage: Fifty Years of Spaceflight.” Remembering the Space Age: 50th Anniversary Conference, hosted by NASA and the National Air & Space Museum, Washington, DC, October 22-23, 2007.

“Soviet Cold War Science and the Birth of Sputnik.” Graduate Colloquium, St. John’s University, New York, April 25, 2007.

“Обзор жизни академика С.П.Королёва по публикациям на Западе.” 31st Academic Reading on Cosmonautics, Dedicated to the 100th Birthday of Academician S. P. Korolev, Russian Academy of Sciences, Moscow, January 31, 2007.

“Soviet Space Power During the Cold War.” 21st Military History Symposium, United States Air Force Academy, Colorado Springs, November 1-3, 2006.

“Spaceflight and National Imaginations: Contested Narratives, American and Russian.” Conference on Societal Impact of Spaceflight, NASA & Smithsonian National Air & Space Museum, Washington, DC, September 19-21, 2006.

“‘Is Utopia Really Possible?’: Technological Utopianism, Mysticism, and the Origins of Russian Spaceflight.” Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, October 13, 2005.

“Spaceflight and the Russian Imagination.” Visiting Fellows Seminar, American Academy of Arts & Sciences, Cambridge, MA, March 2005.

“American Space History: Legacies, Questions, and Opportunities for Future Research.” Conference on Critical Issues in the History of Spaceflight, NASA & Smithsonian National Air & Space Museum, Washington, DC, March 15-16, 2005.

- “Science Outside the Academy: Konstantin Tsiolkovskii and His Alternative Discursive Networks.” Conference on Intelligentsia: Russian and Soviet Science on the World Stage, 1860-1960, University of Georgia, Athens, GA, October 29-31, 2004.
- “First Contact: Robert Goddard and the Soviet ‘Space Fad’ of the 1920s.” Space Studies Colloquium Seminar, Dept. of Space Studies, University of North Dakota, Grand Forks, ND, March 2004.
- “Americans in Russia: Robert Goddard and the Soviet ‘Space Fad’ of the 1920s.” Work-in-Progress Paper, Smithsonian National Air & Space Museum, Washington, DC, August 19, 2003.
- “Mutual Influences: USSR-U.S. Interactions During the Space Race.” Conference on Looking Backward, Looking Forward: Forty Years of U.S. Human Spaceflight, George Washington University, Washington, DC, May 8, 2001. (with Peter Gorin), "Russia's Secret Eyes In The Sky: Soviet/Russian Reconnaissance Satellites." Historical Seminar on Contemporary Science and Technology, National Air & Space Museum, Smithsonian Institution, April 16, 1998.
- "Korolev, Sputnik, and the International Geophysical Year." Conference on Reconsidering Sputnik: Forty Years Since the Soviet Satellite, Smithsonian National Air & Space Museum and NASA, Washington, DC, October 1, 1997.
- "Sputnik and the International Geophysical Year." Cold War Science and Technology Program Seminar, Carnegie Mellon University, Pittsburgh, PA, September 1997.

INVITED WORKSHOPS and CONFERENCE PANELS

- “‘Space is the Place’: Transnational Networks and Space Programs in China and India.” Prepared for “Intersections: New Approaches to Science and Technology in 20th Century China and India,” workshop at Tsinghua University, Beijing, June 29-30, 2013.
- “Space and the Postcolonial Imagination.” Prepared for “Emerging Technologies, Past and Present,” workshop at the University of California-Santa Barbara, June 24-25, 2013.
- “Intersections: New Approaches to Science and Technology in 20th Century China and India.” Workshop at King’s India Institute, King’s College-University of London, April 11-14, 2012.
- “Space is the Place: The Cosmos and Soviet Culture Before and After Gagarin.” Roundtable at the 42nd Annual Convention of the Association of Slavic, East European, and Eurasian Studies (ASEEES), Los Angeles, CA, November 18-21, 2010.
- “‘The Biggest Rocket (Ever)’: Soviet Big Science and the Cold War.” How the Cold War Transformed Science (Bacon Prize Conference), California Institute of Technology, May 7-9, 2010.
- “The Future of Human Spaceflight: The Augustine Report and Its Implications.” Department of Aeronautics and Astronautics, MIT, Cambridge, MA, December 11, 2009.
- “The Future of Human Spaceflight.” Represented the MIT Space, Policy, & Society Group at forum hosted by the Center for Strategic and International Studies, Washington, DC, May 8, 2009.
- “Competing Technologies, National(ist) Narratives, and Universal Claims: Revisiting the Space Race.” NSF-funded Workshop, 50th anniversary of Society for the History of Technology (SHOT), Washington, DC, October 18, 2007.
- “50th Anniversary of Sputnik 1, the IGY and the Space Race.” History Plenary at the 58th International Astronautical Congress, Hyderabad, India, September 24-28, 2007.
- “Germans in Russia: Cold War, Technology Transfer, and National Identity.” Science, Technology, and National Identity, conference sponsored by the NSF, Columbia, S. Carolina, Sep 20-22, 2007.
- “Roundtable on Russian Space History.” Symposium hosted by *Rossiiskii kosmos* journal, Moscow, Russia, June 2006.
- “Careers for Historians of Technology.” Panel at annual meeting of the Society for the History of Technology, November 5, 2005, Minneapolis, MN.
- “Informal and International Networks in the History of Russian Science.” Workshop on Russia, Eurasia, and the Social Sciences, Weatherhead Center for Int. Affairs and Davis Center for Russian Studies, Harvard University, Cambridge, MA, May 2, 2005.

“Rethinking Technology after Sept. 11.” Massachusetts Institute of Technology, Cambridge, MA, March 2002.
Workshop to discuss the implications for research, education, and public engagement among historians of technology following the events of Sep. 11, 2001.

CONFERENCE PAPERS

- “Soviet Academics and the Work of Rationalizing the Gulag.” 46th Annual Convention of the Association of Slavic, East European, and Eurasian Studies (ASEEES), San Antonio, Texas, November 20-23, 2014.
- “The Virtuosity of Playing Computers: Detroit Techno, Nine Inch Nails, and the (Mis)Use of Technologies.” Annual Meeting of the Society for the History of Technology (SHOT), Dearborn, Michigan, November 6-9, 2014.
- “A Space for Development: Indian Science, MIT, and the Vietnam War.” Global South Asia Conference, Institute of Public Knowledge, New York University, February 14-16, 2014.
- “The Gulag Inventors: The NKVD and Its Networks of Innovation.” 45th Annual Convention of the Association of Slavic, East European, and Eurasian Studies (ASEEES), Boston, November 21-24, 2013.
- “Within the First Circle: Intellectual Labor and the Gulag Economy.” The Soviet Gulag: New Research and New Interpretations, Georgetown University, April 25-27, 2013
- “Technology, Transcultural Idioms, and the Question of Authenticity: Talking Heads and Brian Eno in the Studio.” Annual meeting of the Society for the History of Technology (SHOT), Copenhagen, Denmark, October 4-7, 2012.
- “The Secret Designers: Life and Work from the Gulag to the Soviet Defense Industry.” 43rd Annual Convention of the Association of Slavic, East European, and Eurasian Studies (ASEEES), Washington, DC, November 17-20, 2011.
- “Indian Science, the American Military-Industrial Complex, and the Creation of INSAT.” Annual Meeting of the History of Science Society, Cleveland, November 3-6, 2011.
- “Unresolved Tensions: Mass Culture and Secrecy in the Soviet Space Program.” Cosmic Enthusiasm: International Conference, University of Basel, Basel, Switzerland, January 22-24, 2009.
- “The Gulag Science Camps: Science, State and Terror under Stalin.” American Association for the Advancement of Slavic Studies (AAASS), Philadelphia, November 20-23, 2008.
- “‘There is no ambiguity of purpose’: Creating the Indian Rocket and Space Program.” Society for the History of Technology (SHOT), Lisbon, Portugal, October 11-14, 2008.
- “Sputnik Fifty Years Later: New Evidence on Its Origins.” 58th International Astronautical Congress, Hyderabad, India, September 24-28, 2007.
- “Within the First Circle: Science and Engineering in the Gulag.” American Association for the Advancement of Slavic Studies (AAASS), Washington, DC, November 16-19, 2006.
- “Research on Soviet Space History: New Frontiers.” Chinese/Soviet Space Symposium, the British Interplanetary Society, London, England, June 2006.
- “Russians in Germany: Founding the Postwar Missile Program.” Society for the History of Technology (SHOT), Atlanta, GA, October 16-19, 2003.
- “The Rockets’ Red Glare: Technology, Conflict, and Terror in Stalinist Russia.” Midwestern Russian History Workshop, University of Chicago, October 20-21, 2000.
- “Rockets’ Red Glare: Soviet Rocketry and Disruptive Conflict in the 1930s.” Eugene B. Levy Memorial History Graduate Student Conference, Carnegie Mellon University, Pittsburgh, PA, April 2000.
- “The Other Side of the Moon Race: Perceptions and Decision-Making in the Soviet Space Program.” Organization of American Historians (OAH), St. Louis, MO, March 30-April 2, 2000.
- “The Decision to Go to the Moon: The View From the Soviet Union.” Society for History in the Federal Government (SHFG), Washington, DC, April 3-4, 1997.
- “The Road to Object D: Early Satellite Studies in the Soviet Union, 1947-1957.” American Association for the Advancement of Slavic Studies, Boston, MA, November 14-17, 1996.

(with Dennis Newkirk), "The FGB Module of the International Space Station Alpha: A Historical Overview of its Lineage and Organizational Origins." Society for the History of Technology (SHOT), Charlottesville, VA, October 21, 1995.

"Technology Transfer Policy and Landlessness in Bangladesh." 22nd Annual South Asian Conference, Madison, WI, November 1993.

CONFERENCE PANELS CHAIRED/COMMENTED

"Environmental History and Outer Space: Linking Terrestrial and Extraterrestrial Natures across Time." Annual Meeting of the American Historical Association (AHA), New York, NY, January 2-5, 2015.

"Spaceflight and the Making of the U.S. Global." Annual Meeting of the American Historical Association (AHA), Washington, DC, January 2-5, 2014.

"Science in Revolutionary Upheaval: Scientific Responses to the Russian Revolution." 45th Annual Convention of the Association of Slavic, East European, and Eurasian Studies (ASEEES), Boston, November 21-24, 2013.

"The Great Experiment Revisited: Soviet Science and Techno-utopianism." Princeton Young Scholars' Interdisciplinary Conference on Soviet Science & Technology, Feb. 10-11, 2012, Princeton Univ.

"Painting Space Red: The Soviet Space Program and Propaganda." 43rd Annual Convention of the Association of Slavic, East European, and Eurasian Studies (ASEEES), Washington, DC, November 17-20, 2011.

"Who Watches the Watchmen?: Urban Surveillance and Security." Panel at "Cities in History: Urban Identities Reconsidered," conference organized by the Fordham University History Graduate Student Association, New York, September 17, 2011.

"From Sputnik to Vostok: Popularizing the Advent of the Space Age," American Association for the Advancement of Slavic Studies (AAASS), Boston, Mass., November 14, 2009.

"Missions Impossible: Predicting the Unpredictable, Managing the Unmanageable, and Controlling the Uncontrollable," American Historical Association (AHA), New York, March 29, 2008.

PUBLIC LECTURES

"New Research on Soviet Space History: Revisiting the Flights of Tereshkova and Komarov." NASA History Lecture Series, NASA Headquarters, Washington, DC, May 16, 2013.

"ZATO: Soviet Secret Cities During the Cold War." Van Alen Institute, New York, May 15, 2012.

"Презентация книги *Rockets and People* by Boris Chertok, Volume IV." Plenary Session, 36th Academic Reading on Cosmonautics, Bauman Moscow State University of Technology, January 24, 2012.

"Science and Freedom: In the Shadow of the Gulag." Arts & Sciences Faculty Day, Fordham University, February 4, 2011.

"The Legacy of Boris Chertok." Book-signing and lecture to commemorate publication of *Rockets and People*, March 14, 2005, NASA Headquarters, Washington, DC.

MEDIA APPEARANCES

Quoted in the *New York Times*, the *Washington Post*, the *Asia Times*, *The Hindu*, the *Christian Science Monitor*, *Wired.com*, *MSNBC.com*, *NPR*, *Space.com*, etc.

"Worldfocus," WNET Public Television, October 22, 2008 and July 20, 2009.

"NOVA: Astrospies," WGBH Public Television, February 2008.

"Modern Marvels: Engineering Disasters," History Channel, 2003.

"Accidents in Space," BBC TV Documentary, 2002.

"Requiem for a Heavyweight—The End of Mir," *Space.com*, March 23, 2001.

"Red Space," Discovery Channel TV Documentary, 1997.

"Russian Space Program," *NPR*, October 1998.

“Soviet Space,” Canadian Broadcasting Corporation (CBC), radio show commemorating fortieth anniversary of the launch of *Sputnik*, October 1997.

MEDIA PROFILES & INTERVIEWS

G. Vergel, “Professor Examines Human Cost of Soviet Prison System.” *Inside Fordham* (Feb 28, 2011).

“Spotlight: Asif A. Siddiqi.” *Explorer: Newsletter of the AAS History Committee* no. 11 (Sep 2010): 13-14.

Janet Sassi, “History Professor Pens First Academic Study on Birth of Soviet Space Program.” *Inside Fordham* (April 6, 2010).

“Asif Siddiqi: Historien de la course à l’espace.” *Espace magazine* no. 37 (2008): 60-61.

“The Race Today,” interview with WGBH NOVA, November 13, 2007, archived at:

<http://www.pbs.org/wgbh/nova/astrospies/racetoday.html>.

WFUV Public Radio interview on “Fordham Conversations,” July 26, 2008, archived:

http://wfuv4.libsyn.com/sigue_sigue_sputnik.

Janet Sassi, “Wall Street Journal Names Professor’s Book Among ‘Top Five.’” *Inside Fordham* 29.9 (March 2, 2007): 2.

“Books: Asif Siddiqi’s Book Amongst Five Best Space Books.” *SAJA Forum*,

http://www.sajaforum.org/2006/12/books_asif.html

Katherine Robertson-Smith, “‘Enigmatic’ Russian Space Program Intrigues Author.” *Focus* 32.5 (Apr 2003): 5.

“Asif A. Siddiqi.” *Carnegie Mellon Graduate Times*, Vol. III.2 (Winter 2000): 2.

OTHER LECTURES

“After the Ph.D.: Jobs and Futures for History Graduates.” Lecture for the History Graduate Students Association (HGSA), Fordham University, April 25, 2012.

“Teaching Medieval Technology.” Lecture for the Teaching the Middle Ages (TMA) Series, Fordham University, March 24, 2011.

PROFESSIONAL SERVICE

Member, Committee for Leonardo da Vinci Medal, Society for the History of Technology (2014-)

Chair, Committee for Society for the History of Technology-NASA Fellowship (2013-Present)

Member, American Astronautical Society (AAS) History Committee (2010-Present)

Editorial Board, *Quest: The History of Spaceflight Quarterly* (2005-present)

Member, Advisory Board, *Isis*, journal of the History of Science Society (2009-2011)

Chair and Member, Conference Program Committee, Society for the History of Technology (SHOT) (2009-2011)

Jurist, Joan Cahalin Robinson Prize, Society for the History of Technology (2005-2008)

Organizing Committee, 50th Anniversary of Sputnik Conference, Smithsonian Institution & NASA (2006-2007)

Merit Review Judge, National Science Foundation (NSF), proposals to the Science and Society Grant program.

Manuscript referee for: Smithsonian Press, *Technology & Culture*, *Isis*, *Russian Review*, *Slavic Review*, *History and Technology*, *Social Studies of Science*, *Quest: The History of Spaceflight Quarterly*.

History Dept. Representative, Graduate Students Assembly, Carnegie Mellon University (1999-2000)

At Fordham

Chair, Undergraduate Committee, Dept. of History, Fordham University (2011-2013)

Chair, Search Committee for Environmental Historian, Dept. of History, Fordham Univ. (2010-2011)

Graduate School of Arts & Sciences Assessment Committee, Fordham University (2010-2013)

Faculty Co-Advisor, Phi Alpha Theta, History Honors Society, Fordham Univ. (2005-2008, 2009-2011)

Nominating Committee, Clare Booth Luce Program for Women in Science and Engineering, Fordham University (2009-2014)

Strategic Planning Committee, Graduate School of Arts & Sciences, Fordham University (2007)

OTHER SERVICE

Lead Organizer, History Day event, Fordham University, February 22, 2012 and February 20, 2013.

Lecture for Family Weekend Program at Fordham University, November 7, 2009.

As a musician in the Bronx River Rats, played annual fund-raiser for the Bronx African American History Project at Fordham University, 2007-2011.

Directed language proficiency exam for PhD student in the English Department.

PROFESSIONAL AFFILIATIONS

American Historical Association

Society for the History of Technology

History of Science Society

Association of Slavic, East European, and Eurasian Studies

British Interplanetary Society