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EDUCATION:

George Washington University: PhD, May 2008. History.
Yale University: M.A., December 1983. Russian and East European Studies.
Yale University: B.A., May 1980. Russian and East European Studies.

EMPLOYMENT HISTORY:

Curator, Space History Division, National Air and Space Museum, Smithsonian Institution. April 1996-present. Curates International Space Programs, the Soviet and Russian components of *Space Race* exhibition at NASM and the NASM spacesuit collection. 1998-2007 chaired museum-wide Collections Committee, which oversees the acquisition of all new additions to the national collection of aviation and space artifacts. Served as archivist to the Council of the Smithsonian Congress of Scholars that represents the research community at the Smithsonian Institution. Participates as departmental, museum and institution representative on numerous committees and workshops devoted to the improvement of the representation of cultural diversity in museum programs, scholarship and exhibits. Act as liaison and advisor on joint museum and institutional projects that involve cooperation with representatives of the countries of the former USSR. Performed duties as chief curator in the development process for a new gallery, *Dream to Fly*, on the history of blacks in aviation and spaceflight. Completed planning document for the project.

Associate Curator, Department of Space History, National Air and Space Museum, Smithsonian Institution. October 1992-April 1996. Continued ongoing duties of previous positions at the Museum. Performed duties as chief curator in the development of a new gallery, *The Dream to Fly*, on the history of segregation in aviation and spaceflight. Acted as temporary curator of manned spaceflight through the Apollo program. Participated as departmental, museum and institution representative on numerous committees and workshops devoted to the improvement of the representation of cultural diversity in museum programs, scholarship and exhibits. Participated as subject matter curator (Russian and Soviet space) and scripter for the Department of Space History's exhibit on the history of the space race. Fielded and reviewed offers for donations, sale and loans of artifacts and archival materials from the Soviet space program for use in NASM exhibition on the history of the space race. Act as liaison and advisor on joint museum and institutional projects that involve cooperation with representatives of the countries of the former USSR.

Assistant Curator, Soviet and European Space Programs, National Air and Space Museum, Smithsonian Institution. April 1988-1992.

Historian, International Space Programs, National Air and Space Museum, Smithsonian Institution. April 1985-April 1988.

PROFESSIONAL MEMBERSHIPS:

Association for Slavic, East European, and Eurasian Studies
American Association of Museums
National Council on Public History
Society for the History of Technology

PUBLICATIONS:

Books:

Spaceflight: A Smithsonian Guide. Edited by Valerie Neal, Cathleen S. Lewis and Frank H. Winter. New York: Macmillan, 1995.

Air and Space History: An Annotated Bibliography. Edited by Cathleen S. Lewis and Dominick Pisano. New York: Garland, 1988.

Dissertation:

"The Red Stuff: A History of the Public and Material Culture of Early Human Spaceflight in the U.S.S.R." Ph. D. diss., History, George Washington University, 2008.

Articles:

"From the Kitchen into Orbit: The Convergence of Human Spaceflight and Khrushchev's Nascent Consumerism." In *Into the Cosmos: Space Exploration and Soviet Culture*, ed. James T. Andrews and Asif F. Siddiqi, 213-39. Pittsburgh: University of Pittsburgh Press, 2011.

"From the Cradle to the Grave: Cosmonaut Nostalgia in Soviet and Post-Soviet Film." In *Remembering the Space Age: Proceedings of the 50th Anniversary Conference*, ed. Steven J. Dick, vols. 2008-4703. NASA SP, 253-70. Washington, D.C.: National Aeronautics and Space Administration. Office of External Relations, 2008.

"The Birth of Soviet Space Museums: Creating the Earthbound Experience during the Golden Years of the Soviet Space Programme, 1957-68." In *Showcasing Space*, ed. Martin Collins and Douglas Millard. Artefacts Series. Studies in the History of Science and Technology. East Lansing, Michigan: Michigan State University Press, 2005.

"16 January 1969: Soiuz 4 and 5 Dock in Space." In *The Book of Days 1989: An Encyclopedia of Resource Guides on Historical Figures and Events*. Ann Arbor, Michigan: Pierian Press, 1989.

"How Good is Soviet Science?" Review. *Science, Books and Films* 24, no. 1 (September/October 1988): 52.

"The Soviet Space Program and Glasnost'." *USSR Technology Update* III, no. 16 (11 August 1988): 1-3.

"2 November 1978: Soiuz 31 and Saliut 6." In *The Book of Days 1988: An Encyclopedia of Resource Guides on Historical Figures and Events*. Ann Arbor, Michigan: Pierian Press, 1988.

"Kvant Astrophysics Module Described." *USSR Technology Update* II, no. 12 (4 November 1987): 1-3.

"Soviets Initiate Mathematical Modeling Projects for Jupiter Probe." *USSR Technology Update* II, no. 11 (3 June 1987): 1-2.

"Future Soviet Space Complex Described." *USSR Technology Update* II, no. 10 (20 May 1987): 1-2.

Lewis, Cathleen S., and Linda Neuman Ezell. "Mission to Moscow: The Repair of the Apollo Soyuz Exhibit." In *National Air and Space Museum Research Report 1986*. Washington, D.C.: National Air and Space Museum, 1986.

Papers Presented:

"Anastylosis or No? Collecting a Spacesuit in the 21st Century." In *Conceptualizing, Collecting and Presenting Recent Science and Technology*, chair Bryan Dewalt. Artefacts XVI. Leiden, Netherlands, 26 September, 2011.

"Spaceflight, Nostalgia and Film." Paper presented at the NASM Works in Progress Series. Washington, D.C., 10 May 2011.

"Spaceflight, Nostalgia and Film: Forming a Russian Assessment of the First Cosmonauts." In *The Evolution of Nationalism in Russia: From Discourse to Action*, chair Mark N. Katz. The 49th Annual Meeting of the Southern Conference on Slavic Studies. Alexandria, Virginia, 9 April, 2011.

- "How We Remember Yuri Gagarin and Why." In *Space is the Place: The Cosmos and Soviet Culture*, chair James Andrews. Association for Slavic, East European, and Eurasian Studies Annual Meeting. Los Angeles, California, 20 November, 2010.
- "The Propeller, the Convoluted, and the Bladder: How Technology Changed Corporate Identities in the Space Industry." In *A Cosmic Tug of War: Social Construction and Technological Determinism in Space Hardware Design*, chair Amy Foster. Society for the History of Technology Annual Meeting. Tacoma, Washington, 2 October, 2010.
- "Visualizing Spaceflight: The Films of Pavel Klushantsev." In *Representations of Soviet Spaceflight from the 1950s to the 1970s*. Eva Mauer, University of Freiburg conducted at the Cosmic Enthusiasm: The Cultural Impact of Space Exploration on the Soviet Union and Eastern Europe since the 1950s. Basel, Switzerland: University of Basel. Historisches Seminar, 22 January 2009.
- "Pavel Klushantsev and His Soviet Space Age Films." In *NASM Works in Progress*. Washington, D.C., 13 May 2008.
- "Orbiting the Earth After Spaceflight: Soviet Cosmonauts and the Post-Flight Peace Tours." In *Soviet Cultural Ambassadors: Film Directors, Soccer Players and Cosmonauts*, chair Mikhail Avrekh. Peacock, Margaret Elizabeth conducted at the American Association for the Advancement of Slavic Studies National Convention. New Orleans, Louisiana, 17 November 2007.
- "Cosmonaut Nostalgia in Film." In Remembrance and Cultural Representation of the Spaceage. Remembering the Spaceage: Conference on the 50th Anniversary of The Space Age. American Association for the Advancement of Science (AAAS) Auditorium, Washington, DC: NASA and NASM Division of Space History, 23 October 2007.
- "Keeping the Golden Age Golden: The Survival of the Spaceflight Legacy through the End of the USSR" presented in session: "Ascribed Identity, Soviet Mythology, and the Politics of Space Culture, 1917-Present" at the American Association for the Advancement of Slavic Studies National Convention, Washington, D.C., November 2006.
- "Making Space a Hobby: Trading and Collecting Soviet Space Znachki for Fifty Years" Paper presented in session: "Technology and Play" at the Society for the History of Technology Annual Meeting in Los Vegas, Nevada, October 2006.
- "World's Fairs in the Space Age : A Tale of Two Spacecraft" Presented at the Hagley Museum and Library Lecture series "Centuries of Progress: American World's Fairs, 1853 to 1982" Wilmington Delaware, May 2005.
- "First in Space and Last in Openness: What Does the Death of Yuri Gagarin Tell Us about Mature Socialism?" Paper presented in session: "Mirror Image Twins? Constructing Spaceflight in the Soviet Union and the United States" at the annual meeting of the American Historical Association in Washington, D.C., January 2004.
- "The Birth of the Soviet Space Museums: Creating the Earth-Bound Experience of Spaceflight." Paper presented in session: "Post-Stalinist Culture" at annual meeting of the American Association for the Advancement of Slavic Studies in Toronto, Canada, November 2003.
- "How Technology Fails without Proper Supervision: The Deaths of Vladimir Komarov and Yuri Gagarin in the Absence of Korolev-Khrushchev Space Policy." Paper presented in session: "Aerospace Failures and Policy Challenges: What Happens When Beloved Hardware Breaks?" at the annual meeting of the Society for the History of Technology in Atlanta, Georgia, October 2003.
- "Deciding What You Can Collect and What You Must Let Go: All the players in the Process" in Collections Management: What do you want? What do you Keep? At the 2002 Mutual Concerns of Air and Space Museums conference, sponsored by the American Association of Museums and the Smithsonian National Air and Space Museum, Washington, D.C., March 2002.
- "The Social and Cultural Influences of the First Cosmonauts." Paper presented at the 8th International Symposium on the History of Aviation and Spaceflight honoring the 40th

- anniversary of the first Human spaceflight, organized by the Institute for the History of Science and Technology, Russian Academy of Sciences. Moscow, Russia, June 2001.
- "Re-Creation of the Soviet Man: The Hagiography of the Hero Cosmonauts of the Soviet Union." In *Higher, Faster, and Farther: Soviet Aerospace Culture*. American Society for the Advancement of Slavic Studies, November 1999.
- "Preservation by Happenstance: How off-the-Shelf Technology May be Preserving Early Soviet Spacesuits." In *Preserving the Lifeboats: Long Term Preservation Issues of NASM's Spacesuit Collection*. Poster Session conducted at the Society for the History of Technology Annual Meeting. Baltimore, Maryland, October 1998.
- "Sputnik as Symbol and Artifact: The Origins of Khrushchev's Space Race Strategy." Paper presented at "Reconsidering Sputnik": NASA Conference on the 40th Anniversary of the Launch of Sputnik. Washington, D.C., October 1997.
- "Divided Skies: Reinterpreting the Black Experience in Aviation." Paper presented at Scitrek in Atlanta, Georgia as part of a National Endowment for the Humanities-funded Georgia Humanities Center project on the history of blacks and technology. Atlanta, Georgia, April 1994.
- "Who Are Guy Bluford and Sally Ride and Why Are They Standing in the National Air and Space Museum? Issues of Race and Gender and Exhibiting History at the World's Most Popular Museum." Paper presented at the Conference on Women in Science at Johns Hopkins University. Baltimore, Maryland, November 1991.
- "The Living and the Dead: The Cosmonaut and Soviet Mythology Failure." Paper presented at the International Conference of Aerospace Historians. Washington, D.C., April 1990.
- "The Low Tech Advantage: Soviet Space Research, Moving from Spectaculars to Program in the Life Sciences." In *The Drive for Modernization*. American Association for the Advancement of Slavic Studies annual meeting. Honolulu, Hawaii, November 1988.

Book Reviews

- Review of *Red Cosmos. K. E. Tsiolkovskii, Grandfather of Soviet Rocketry*, by James T. Andrews (College Station, Texas: Texas A& M University Press, 2009). *Quest: The History of Spaceflight Quarterly* 18, no. 1 (2011): 58.
- Review of *Heavenly Ambitions: America's Quest to Dominate Space*, by Joan Johnson-Freese (State College, Pennsylvania: University of Pennsylvania Press, 2009). *Quest: The History of Spaceflight Quarterly* 17, no. 2 (2010): 62-63.
- Review of *Starman: The Truth Behind the Legend of Yuri Gagarin*, by Jamie Doran and Piers Bizony (New York: Walker and Company, 2011). *Quest: The History of Spaceflight* 18, no. 4 (2011): 61-62.

EXHIBITS:

- "Beyond the Moon Race: The Soyuz Spacecraft" (December 1993)
- "Soviet Lunar and Planetary Exploration" (December 1993)
- "The Vega Landing and Orbiting Bus" (December 1993)
- "Space Race" (May 1997)
- "The Dream to Fly: The Black Experience in Aviation" (project on hold)
- "How Do They Go to the Bathroom in Space?" (May 2004)
- "The 50th Anniversary of Human Spaceflight" (March 2011)

RESEARCH AND MUSEUM PROJECTS:

Conducted Video History interviews with early members of Institute for Bio-Medical Problems in Moscow. The Institute has been responsible for the design and execution of human factors and life sciences research in the Soviet space program (December 1989). Transcripts are currently available at the Smithsonian Archives.

Research Collection on Blacks in Aviation--Currently designing and initiating a major research effort

to augment the National Collection with artifacts, personal memorabilia, photographs and oral history interviews. This collection will establish the National Air and Space Museum as the center for research on the history of blacks in aviation and spaceflight.

Member, Equity Assessment Committee. The EAC was established at NASM as part of a pilot project funded by the National Science Foundation through the American Association for the Advancement of Science and the Association of Science and Technology Centers to promote diversity and equity in science and technology centers. The EAC activities included: the design, execution and analysis of a museum-wide survey on attitudes about diversity; the formation of implementation groups to make recommendation for changes in response to the staff survey; staff diversity training and the formalization of partnership with four community and science based organizations.

MAJOR ACCESSIONS AND COLLECTIONS ACTIVITIES:

Examples of Russian space station and ferry capsule waste management technology (toilets, 2000).

Accession of artifacts and scale models relating to the Soviet space program: Soviet Proton launch vehicle (1988), Energiia and Buran Energiia models (1994), Aleksei Leonov and German Titov's dress uniforms (1994), Norman Thagard's Sokol-KV-2 spacesuit (1997), and Shannon Lucid's Penguin Body-loading suit (1997).

Negotiated loan and ultimate acquisition of Vega Landing and Orbiting Bus with numerous Soviet agencies to NASM over more than four years (1987-1996).

Negotiated agreements for exchanges between NASM and Soviet Museums and Institutes (Tsiolkovsky Museum, Institute for the History of Science and Technology and Institute for Space Research, June-July 1989.)

Research visits to Soviet technology and spaceflight museums to document the existence of artifacts (Tsiolkovsky Museum, Museum of the Institute for Biomedical Problems, Polytechnical Museum, June-July and December 1989).

LANGUAGES:

Russian--reading and translation: good, conversation: good.

French--reading and translation: good, conversation: fair.

German—currently under study

PERSONAL:

born 3/17/1958

U.S. citizen