

# **Jeremy R. Kinney**

National Air and Space Museum  
Smithsonian Institution  
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[Smithsonian Profile](#)

## **EDUCATION**

Auburn University, Auburn, Alabama  
Ph.D. in History, 2003

*Dissertation:* "Shifting Gears in the Air: America and the Variable-Pitch Propeller, 1918-1938."

*Dissertation Committee:* Stephen L. McFarland (Major Professor), John E. Burkhalter, James R. Hansen, and William F. Trimble.

*Examination Fields:* History of Technology, United States to 1865, and United States since 1865.

Greensboro College, Greensboro, North Carolina  
B.A. in History, 1994

*Senior Thesis*, with distinction: "The Emergence of American Military Aviation: Billy Mitchell and the United States Army Air Service in World War I"

## **EXPERIENCE**

**Associate Director for Research and Curatorial Affairs, National Air and Space Museum, Smithsonian Institution, Washington, D.C., December 2020-Present**

Leadership of the Museum's three research and curatorial departments (Aeronautics, Center for Earth and Planetary Studies, and Space History). Provides counsel and advice on curatorial and museum affairs to the Director and Senior Leadership Team.

**Curator, National Air and Space Museum, Smithsonian Institution, Washington, D.C., November 2000-Present**

Responsible for the American military aviation, 1919-1945, air racing, and aircraft propulsion collections. Published research highlighting the museum's artifact and archival collections. Maintenance of the collection through acquisition, authentication, interpretation, and de-accession. Participation in the conception, organization, and presentation of exhibitions. Interaction with the public and media on matters regarding the historical development of aviation.

**Chair, Aeronautics Department, National Air and Space Museum, Smithsonian Institution, Washington, D.C., July 2019-December 2020**

Supervised the curatorial efforts of the department through its work in research, collections, exhibits and public service.

**Adjunct Faculty, History and Art History Department, George Mason University, Fairfax, Virginia, September 2013-Present**

Taught undergraduate course on aviation history from its origins to the present day.

**Adjunct Faculty, History Department, New York University, Brooklyn, New York, January-May 2016**

Taught undergraduate course on aerospace history and technology from its origins to the present day.

**Affiliated Faculty, Honors College-Aerospace Engineering Department, University of Maryland at College Park, Maryland, September 2004-December 2011**

An introductory undergraduate lecture seminar on aerospace history from its origins to the present day. Examines selected topics on flight within and outside the Earth's atmosphere from an international perspective.

**Lecturer, History Department, University of Maryland at College Park, Maryland, September-December 2003**

Part of the University of Maryland's observance of the 100<sup>th</sup> anniversary of the Wright brothers' first heavier-than-air powered flight in 2003.

**Graduate Research Associate, Auburn University-National Aeronautics and Space Administration Documentary History of Aerodynamics, 1997-2000**

Conducted primary research in significant aviation archives across the United States. Identified, evaluated, organized, and interpreted original documents and photographs for project members in preparation for writing. Consulted with experts and principal historical figures in the aerodynamics and aviation history community. Co-authored and edited three chapters.

**PUBLICATIONS**

Kinney, Jeremy R. "Airminded Nationalism: Great Britain and the Schneider Trophy Competition," in *Aviation in the Literature and Culture of Interwar Britain*, Michael McCluskey and Luke Seaber, eds. London: Palgrave Macmillan, 2020. Pgs. 251-272.

Lickliter-Mundon, Megan, Frank Cantelas, Wendy Coble, Jeremy Kinney, Jennifer McKinnon, Jeffrey Meyer, Andrew Pietruszka, Brad Pilgrim, James R. Pruitt, and Hans Van Tilburg. "Identification of a Deep-water B-29 WWII Aircraft via ROV Telepresence Survey," *Journal of Maritime Archaeology* 13, no. 2 (August 2018): 167-189.

Kinney, Jeremy R. "Sports Car Paradise: Racing in Los Angeles," in *LA Sports: Play, Games and Community in the City of Angels*, Wayne Wilson and David K. Wiggins, eds. Fayetteville: University of Arkansas Press, 2018. Pgs. 93-107, 309-312. ([Preview](#))

Kinney, Jeremy R. *Reinventing the Propeller: Aeronautical Specialty and the Triumph of the Modern Airplane*. New York: Cambridge University Press, 2017. ([Preview](#))

Kinney, Jeremy R. *The Power for Flight: NASA's Contributions to Aircraft Propulsion*. NASA SP-2017-631. Washington, D.C.: Government Printing Office, 2017. ([eBook](#))

Cantelas, Frank, Hans Van Tilburg, Gary Fabian, Christopher Kelley, Jeremy R. Kinney, and Anthony Tully, "Exploring the Underwater Archaeology of World War II," *Oceanography* 30, no. 1, supplement (March 2017): 72-73.

Kinney, Jeremy R. "Boeing B-29 Superfortress" and "North American P-51D Mustang," in *Milestones of Aviation*, F. Robert van der Linden, Alex Spencer, and Thomas Paone, eds. Minneapolis, Minn.: Zenith Press, 2016.

Kinney, Jeremy R. "Preserving a Survivor: Flak-Bait at the Smithsonian." *Classic Wings* 22, no. 2 (2016): 46-49.

Kinney, Jeremy R. "Racing on Runways: The Strategic Air Command and Sports Car Racing in the 1950s." *ICON: Journal of the International Committee for the History of Technology* 19 (2013): 193-215.

Decker, Julie, and Jeremy R. Kinney. *Alaska and the Airplane: A Century of Flight*. Berlin: Braun, 2013.

Kinney, Jeremy R. "Ornithopter" and "Unmanned aerial vehicle (UAV)," in *World Book Encyclopedia*, vols. 14 and 20, ed. Paul A. Kobasa. (Chicago: World Book, 2012). Pgs. 858, 212.

Kinney, Jeremy R. "NASA and the Evolution of the Wind Tunnel," in *NASA's Contributions to Aeronautics*, vol. 2, ed. Richard P. Hallion. Washington, D.C.: Government Printing Office, 2010. Pgs. 310-365.

Kinney, Jeremy R. "Richard Whitcomb and the Quest for Aerodynamic Efficiency," in *NASA's Contributions to Aeronautics*, vol. 1, ed. Richard P. Hallion. Washington, D.C.: Government Printing Office, 2010. Pgs. 89-133.

Kinney, Jeremy R. "Aero Propulsion," in *NASM: An Autobiography*, eds. Michael Neufeld and Alex Spencer. Washington, D.C.: National Geographic, 2010. Pgs. 90-93.

Kinney, Jeremy R. "Engineering of a Pioneering Character: Developing Propeller Testing Facilities and Techniques, 1917-1931," *ITEA Journal* 31 (March 2010): 34-38.

Kinney, Jeremy R. "Building the Better Airplane: Aircraft Structural Testing at McCook Field, 1918." *Over the Front* 24 (Winter 2009): 340-357.

Ampuja, Outi, Jeremy R. Kinney, and Stefan Poser. "Conference Report: International Committee for the History of Technology, Copenhagen, Denmark, 2007, Victoria, British Columbia, 2008." *Technology and Culture* 50 (October 2009): 883-893.

Kinney, Jeremy R. "Turning in the Wind: Frank W. Caldwell and the Variable-Pitch Propeller." *ITEA Journal* 30 (September 2009): 339-344.

Kinney, Jeremy R. *Airplanes: The Life Story of a Technology*. Baltimore: Johns Hopkins University Press, 2008. 184 pages. (paperback edition)

Hansen, James R., Jeremy R. Kinney, David Bryan Taylor, and J. Lawrence Lee. *The Wind and Beyond: Journey into the History of Aerodynamics in America; Volume II: Reinventing the Airplane*. NASA SP-2007-4409. Washington, D.C.: Government Printing Office, 2007.

Kinney, Jeremy R. *Airplanes: The Life Story of a Technology*. Greenwood Technographies Series. New York: Greenwood Press, 2006. 184 pages.

Kinney, Jeremy R. "The Wright Propellers," "Interwar Aeronautical Development," and "The Air Force and the Jet," in *The United States Air Force: A Complete History*, ed. Dik A. Daso. New York: Hugh Levin, 2006. Pgs. 42-43, 94-95, 168-169.

Hansen, James R., and Jeremy R. Kinney. "Reinventing the Airplane: The Design Revolution in Aerodynamics," in *The Bird is on the Wing: Aerodynamics and the Progress of the American Airplane* by James R. Hansen. College Station, Tex.: Texas A&M University Press, 2004.

Hansen, James R., David Bryan Taylor, Jeremy R. Kinney, and J. Lawrence Lee. *The Wind and Beyond: Journey into the History of Aerodynamics in America; Volume I: The Ascent of the Airplane*. NASA SP-2003-4409. Washington, D.C.: Government Printing Office, 2003.

Kinney, Jeremy R. "Propellers," "United Aircraft Corporation," and "George E. Preddy, Jr." (submitted, but not published), in *Air Warfare: An International Encyclopedia*, ed. Walter J. Boyne. New York: ABC-CLIO, 2002.

Kinney, Jeremy R. "Frank W. Caldwell and Variable-Pitch Propeller Development, 1918-1938." *Journal of Aircraft* 38 (September-October 2001): 967-976.

Kinney, Jeremy R. "Frank W. Caldwell." Aviation Pioneer Profile for American Institute of Aeronautics and Astronautics (AIAA) "Evolution of Flight" Website, (<http://www.flight100.org/history/caldwell.html>), Appeared March 6, 2001.

Kinney, Jeremy R. "Propellers," in *Macmillan Encyclopedia of Energy*, vol. 3, ed. John Zumerchik. New York: Macmillan Reference USA, 2001, (2016). ([Web version](#))

Kinney, Jeremy R. "The Evolution of the Revolutionary Variable-Pitch Propeller." In *National Aerospace Conference Proceedings: The Meaning of Flight in the Twentieth Century, 1-3 October 1998*, 204-209. Dayton, Ohio: Wright State University, 1999. Pgs. 204-209.

Kinney, Jeremy R. “‘We Hold the Merchandising Idea As Paramount’: The Virtues of Flexible Mass Production in the 1920s American Furniture Industry.” *Business and Economic History* 28 (Winter 1999): 84-93.

Kinney, Jeremy R. “Airplanes,” in *Commodities, Culture, and History: The Products That Changed the World*, Heather Streets, ed. New York: Facts on File. (Submitted 2012, but project cancelled.)

Kinney, Jeremy R. “Frank W. Caldwell and the Development of the Variable-Pitch Propeller: A Case Study from the Aeronautical Design Revolution,” in *The Wright Brothers and the Age of Flight: Proceedings of the First Flight Centennial Commission History of Flight Symposium, October 22-25, 2001*. Chapel Hill: University of North Carolina Press. (Submitted 2003, but project cancelled.)

## BOOK REVIEWS

Jeremy R. Kinney. Review of *The Eye of War: Military Perception from the Telescope to the Drone*, by Antoine Bousquet. In *American Historical Review* 125 (December 2020): 1835-1836.

Jeremy R. Kinney. Review of *The Problem with Pilots: How Physicians, Engineers and Airpower Enthusiasts Redefined Flight*, by Timothy P. Schultz. In *Isis* 110 (June 2019): 432-433.

Jeremy R. Kinney. Review of *The Bombers and the Bombed: Allied Air War over Europe, 1940-1945*, by Richard Overy. In *Journal of American History* 102 (June 2015): 285-286.

Jeremy R. Kinney. Review of *Blue Sky Metropolis: The Aerospace Century in Southern California*, edited by Peter J. Westwick. In *Technology and Culture* 55 (October 2014): 1023-1024.

Jeremy R. Kinney. Review of *Their Arrows Will Darken the Sun: The Evolution and Science of Ballistics*, by Mark Denny. In *ICON: The Journal of the International Committee for the History of Technology* 18 (2012): 243-244.

Jeremy R. Kinney. Review of *American Military Aviation: The Indispensable Arm*, by Charles J. Gross. In *Airpower History* 52 (Spring 2005): 75.

Jeremy R. Kinney. Review of *The Development of Military Night Aviation to 1919*, by William Edward Fischer Jr. In *Airpower History* 47 (Spring 2000): 54.

Jeremy R. Kinney. Review of *Curtiss-Wright: Greatness and Decline*, by Louis R. Eltscher and Edward M. Young. In *Technology and Culture* 41 (January 2000): 147-149.

## BLOGS ON THE NATIONAL AIR AND SPACE MUSEUM WEBSITE

[“75 Years Ago: The Flight of the \*Enola Gay\*.”](#) August 2020.

“[Better Propellers for ‘The Few’: Desmond Cooke’s Legacy in the Battle of Britain.](#)” July 2020.

“[75 Years Ago: Flak-Bait Survives the War.](#)” April 2020.

“[Ford v. Ferrari Reminds Us That We Are a Nation of Speed.](#)” November 2019.

“[The Many Lives of \*Buster\* the Air Racer.](#)” September 2019.

“[Preserving Flak-Bait: Saving Doped Fabric.](#)” May 2019. With Lauren Horelick.

“[Remembering Darryl Greenamyer, Air Racing Champion.](#)” October 2018.

“[How Fast Was the Fastest Air Racer in 1925?](#)” October 2018.

“[Racing Champion \*Nemesis NXT\* Comes to Air and Space.](#)” May 2018.

“[Are You an Air Racing Fan?](#)” September 2016.

“[Well, is it ‘Flak Bait’ or \*Flak-Bait\*?](#)” April 2016.

“[Fear and Concealment: Military Aircraft Disguises and Transformations.](#)” October 2015.

“[70 Years Ago: \*Flak-Bait\*’s 200th Mission.](#)” April 2015.

“[Remembering Theodore ‘Dutch’ Van Kirk, 1921-2014.](#)” August 2014.

“[Where is \*Flak-Bait\*?](#)” June 2014.

“[Restoring the Museum’s ‘Battling Beast’: The Curtiss SB2C-5 Helldiver.](#)” January 2014.

“[10 Cool Things About the Udvar-Hazy Center.](#)” December 2013.

“[One Story, Two Museums: A Century of Alaska Aviation.](#)” April 2013.

“[Fighters, Warbirds, and Racers.](#)” October 2012.

“[The Curtiss R3C-2 Racer, 1925.](#)” March 2009.

## **PRESENTATIONS**

“Preserving *Flak-Bait*: A True Survivor of World War II,” EAA Airventure, Oshkosh, Wisconsin, July 2019.

“*Flak-Bait: A Story of Survival from World War II*,” 112<sup>th</sup> Meeting of the Smithsonian Institution Material Culture Forum, American Art Museum and the National Portrait Gallery, Washington, D.C., May 2019. ([Recorded presentation](#) at 28:55-37:35)

“Airminded Nationalism: The Royal Air Force High Speed Flight, 1924-1931,” North American Conference on British Studies (NACBS), College of William and Mary, Williamsburg, Virginia, April 6-7, 2019.

“Preserving *Flak-Bait: A True Survivor of World War II*,” Mutual Concerns of the National Air and Space Museum Conference, Pima Air and Space Museum, Tucson, Arizona, November 2018.

“American Shturmoviks: The National Air and Space Museum’s Ilyushin Il-2 Ground-Attack Airplane,” Mutual Concerns of the National Air and Space Museum Conference, Pima Air and Space Museum, Tucson, Arizona, November 2018.

“Speeding Through a Man’s World: Women Sports Car Racers in the 1950s and 1960s,” Society of Automotive Historians Michael R. Argetsinger Symposium on International Motor Racing History, Watkins Glen, New York, November 2017. ([Recorded presentation](#) at 1:43:57)

“High-Class and Grassroots: Sports Cars in American Automotive Culture,” Annual Meeting of the Society for the History of Technology, Philadelphia, Pennsylvania, October 2017.

“Specialty, Reinvention, and Revolution: The Propeller and the Modern Airplane, 1917-1945,” History of Science, Technology, and Medicine Network of Ireland Conference, Royal Dublin Society, Dublin, Ireland, October 2017.

“The Sports Car and American Culture,” History Seminar on Contemporary Science and Technology, National Air and Space Museum, Washington, D.C., February 2017.

“The British Sports Car and American Leisure, 1945-1985,” The Cultures and Politics of Leisure in the British Isles and the United States Symposium, the Sorbonne, Paris, France, November 2015.

“Blades for Victory: Pittsburgh, Propellers, and the Arsenal of Democracy,” Heinz History Center, Pittsburgh, Pennsylvania, July 25, 2015.

“The National Advisory Committee for Aeronautics, the Airplane Propeller, and World War II,” The NACA Centenary: A Symposium on 100 Years of Aerospace Research and Development, Washington, D.C., March 2015.

“Women Sports Car Racers in the 1950s and 1960s,” Annual Meeting of the Society for the History of Technology, Dearborn, Michigan, November 2014.

“Speeding Through a Man’s World: Women Sports Car Drivers in the 1950s and 1960s,” 2<sup>nd</sup> Sport and Society in America Conference, De Pere, Wisconsin, May 2014.

“Great Britain and the Schneider Trophy Competition, 1924-1931,” 24<sup>th</sup> International Congress of History, Science, Technology and Medicine, Manchester, England, July 2013. [Non-attendance, but paper presented]

“Arctic Flight: A Century of Alaska Aviation,” Presentation Series for *Arctic Flight* Exhibition, Anchorage Museum, Anchorage, Alaska, February 2013.

“The Spitfire Is ‘Now an Aeroplane’: RAF Fighter Command, the Constant-Speed Propeller, and User Innovation,” Annual Meeting of the International Committee for the History of Technology (ICOHTEC), Barcelona, Spain, July 2012.

“Racing on Runways: The Strategic Air Command and Sports Car Racing in the 1950s,” Smithsonian National Museum of American History Colloquium, January 2012.

“Racing on Runways: The Strategic Air Command and Sports Car Racing in the 1950s,” Annual Meeting of the International Committee for the History of Technology (ICOHTEC), Glasgow, Scotland, August 2011.

“Shifting Gears in the Air: America and the Variable-Pitch Propeller, 1918-1938,” Aircraft Engine Historical Society, Chantilly, Virginia, May 2010.

“Building the Better Airplane: Aircraft Production and Testing at McCook Field, 1918,” Meeting of the Mid-Atlantic Chapter the League of World War I Aviation Historians, Chantilly, Virginia, April 2010.

“The Dawn of Air Travel,” Presentation Series for *Intermission, Films from a Heroic Future* Exhibition at the Canadian Centre for Architecture, Montreal, Canada, January 2010.

“Aviation History in the Wider View”: The Way Ahead...,” Annual Meeting of the Society for the History of Technology, Lisbon, Portugal, 2008. With Alan D. Meyer.

“Aircraft Engines for the Great War: The Wright-Martin Corporation and the Hispano-Suiza Engine, 1916-1919,” Annual Meeting of the International Committee for the History of Technology (ICOHTEC), Victoria, British Columbia, August 2008.

“‘The Ultimate Solution of Our Propeller Problem’: Dr. S. Albert Reed and his Duralumin Propeller, 1917-1935,” International Community of Flight Conference at Wright State University, Dayton, Ohio, May 2008.

“‘Aviation History in the Wider View’: An Update,” Annual Meeting of the Society for the History of Technology, Washington, D.C., October 2007. With Alan D. Meyer.

“The Social Construction of Military Air Racers,” Annual Meeting of the International Committee for the History of Technology (ICOHTEC), Copenhagen, Denmark, August 2007.

“Air Racing, Aeronautical Technology, and the Rise of Military Aviation,” Annual Meeting of the International Committee for the History of Technology (ICOHTEC), Leicester, England, August 2006.

“The Wright-Martin Aircraft Company and the Early American Aviation Industry,” Invited Speaker, Conference on Globalization and the Raritan River Valley, Rutgers University, New Brunswick, New Jersey, May 2006.

“Aerial Proving Grounds: American Military Air Racing in the 1920s,” 21<sup>st</sup> Annual International Air Racing History Symposium, Cleveland, Ohio, April 2005.

“The Spectacle of Flight and American Military Aviation, 1919-1939,” Hagley Fellows Conference, Hagley Museum and Library, Wilmington, Delaware, March 2005.

“Aerial Proving Grounds: Military Air Racing, 1920-1931,” Annual Meeting of the Society for the History of Technology, Amsterdam, The Netherlands, October 2004.

“Higher, Faster, and Farther: A Century of Powered Flight,” University of Virginia Aerospace and Mechanical Engineering Seminar, Charlottesville, Virginia, October 2003.

“Starting from Scratch?: The American Aero Engine Industry, the Air Force, and the Jet, 1940-1960,” Invited Speaker, AIAA International Air and Space Symposium, Dayton, Ohio, July 2003.

“Higher, Faster, and Farther: A Century of Powered Flight,” Keynote Address, MTU Aero Engines Summer Lecture Series, Paris, France, June 2003.

“The Role of the Military in the Development of the Variable-Pitch Propeller,” The Aircraft Propulsion History Group, Fort Meyer, Virginia, October 2002.

“Frank W. Caldwell and the Development of the Variable-Pitch Propeller: A Case Study from the Aeronautical Design Revolution,” First Flight Centennial Commission History of Flight Symposium, “‘They Taught the World to Fly’: The Wright Brothers and the Age of Flight,” North Carolina State University, Raleigh, North Carolina, October 2001.

“Resistance to Innovation in an Age of Aeronautical Progress: The Case of the Variable-Pitch Propeller in the United States and Great Britain, 1924-1934,” Annual Meeting of the Society for the History of Technology, Munich, Germany, August 2000.

“Frank W. Caldwell and the Development of the Variable-Pitch Propeller, 1918-1938,” Thirty-Sixth American Institute of Aeronautics and Astronautics Joint Propulsion Conference, Huntsville, Alabama, July 2000.

“‘The Propeller That Took Lindbergh Across’: The Standard Steel Propeller Company, The U.S. Army, and the Aeronautical Revolution,” Ninth Biennial Conference of Historic Aviation Writers, St. Louis, Missouri, October 1999.

“America’s Development of the Variable-Pitch Propeller,” Graduate Research Forum, Auburn University, Alabama, May 1999.

“‘The Wonderful Story of High Point in the Piedmont Section’: A History of the North Carolina Furniture Industry, 1880-1930,” History Forum, University of North Carolina at Charlotte, April 1999.

“‘We Hold the Merchandising Idea as Paramount’: The Virtue of Mass Markets Over Mass Production in the 1920s American Furniture Industry,” Annual Meeting of the Business History Conference, University of North Carolina at Chapel Hill, March 1999.

“The Evolution of the Revolutionary Variable-Pitch Propeller,” National Aerospace Conference, Wright State University, Dayton, Ohio, October 1998.

“Pushing the Boundaries of Airplane Design and Engineering Knowledge: Alexander Klemm and the Army’s Aeronautical Research Department, McCook Field, 1918,” Regional Meeting for the Georgia Chapters of Phi Alpha Theta, LaGrange College, Georgia, April 1998.

“Transforming An Ancient Craft Into A Modern Mechanized Art: The American Furniture Industry in the 1920s,” Regional Meeting for the Alabama Chapters of Phi Alpha Theta, University of Montevallo, Alabama, April 1998.

“‘The Right Pathway’ of Industrialization: Southern Attitudes Towards Furniture Manufacturing During the 1920s,” New Perspectives in Southern History Conference, Auburn University, Alabama, May 1997.

“The National Advisory Committee for Aeronautics, Stanford University, and Propeller Research, 1915-1930: Origins of the Military-Industrial-Research Complex in American Aeronautics,” Annual Meeting of the Society for Military History, Montgomery, Alabama, April 1997.

“Aircraft Production, Training of Aircrews, and Preparation of Training Facilities for the Army Air Arm,” Regional Meeting for the North Carolina Chapters of Phi Alpha Theta, Pembroke State University, Pembroke, North Carolina, April 1994.

## **CONFERENCE SESSIONS—ORGANIZER**

History Track Chair, American Institute of Aeronautics and Astronautics/U.S. Navy Centennial of Naval Aviation Forum, Virginia Beach, Virginia, September 21-22, 2011.

“Beyond ‘Aviation History in the Wider View’: New Approaches to the History of Flight,” Annual Meeting of the Society for the History of Technology, Lisbon, Portugal, 2008. With Alan D. Meyer.

“Methodology, Invention, and Innovation: Interwar Aeronautical Technology in the United States and Europe,” International Community of Flight Conference at Wright State University on May 2008.

“Aviation History in the Wider View” Revisited...An Assessment of the Field,” Annual Meeting of the Society for the History of Technology, Washington, D.C., 2007. With Alan D. Meyer.

“Aviation as Entertainment: The Airplane and the Transatlantic Community,” Annual Meeting of the Society for the History of Technology, Amsterdam, The Netherlands, October 2004. With Dominick A. Pisano.

“The Pursuit of Power and Performance: Perspectives on Air and Space Propulsion,” First Flight Centennial Commission History of Flight Symposium, “‘They Taught the World to Fly’: The Wright Brothers and the Age of Flight,” North Carolina State University, Raleigh, North Carolina, October 2001.

“Aeronautical Innovation in the 1920s and 1930s: A New Perspective,” Annual Meeting of the Society for the History of Technology, Munich, Germany, August 2000. With Deborah G. Douglas.

## EXHIBITIONS

Lead Curator, [Nation of Speed](#), National Mall Building, National Air and Space Museum, forthcoming.

Contributing Curator, *World War I* and *World War II* exhibitions, National Mall Building, National Air and Space Museum, forthcoming.

Contributing Curator, *War Effort: The British Motor Industry and World War II*, Coventry Transport Museum, July 2013-January 2014.

Guest Curator, [Arctic Flight: A Century of Aviation in Alaska](#), Anchorage Museum, February-August 2013.

Co-Curator, [Pioneers of Flight](#), National Mall Building, National Air and Space Museum, November 2010-present.

Curator, [World War II Aviation](#), National Mall Building, National Air and Space Museum, October 2012-December 2019.

Guest Curator, [Intermission, Films from a Heroic Future](#), Canadian Centre for Architecture, Montreal, Canada, November 2009-February 2010.

Curator, [Interwar Military Aviation](#), Udvar-Hazy Center, National Air and Space Museum, August 2008-Present.

Curator, [Jet Aviation](#), National Mall Building, National Air and Space Museum, December 2000-December 2019.

Curator, [Aircraft Propulsion Systems](#), Udvar-Hazy Center, National Air and Space Museum, December 2003-Present.

## INTERVIEWS

“B-24: The Liberator,” *Air Warriors*, Smithsonian Channel, Premiere: March 31, 2021.

First Flight Society, “[Dr. Jeremy Kinney Speaks about Frank Caldwell](#),” YouTube, December 17, 2020.

David Kindy, “[Why the P-47 Thunderbolt, a World War II Beast of the Airways, Ruled the Skies](#),” *Smithsonian Magazine*, November 24, 2020.

“[How Aircraft Propellers Drove The Aeronautical Revolution](#),” *The Cosmic Controversy Podcast*, Premiere: October 23, 2020.

Katie Lange, “[The Enola Gay’s History Lives On](#),” *DOD News*, August 14, 2020.

David Kindy, “[The Indelible Enola Gay: The Aircraft That Dropped the First Atomic Bomb Will Always Inspire Debate](#),” *Smithsonian Magazine*, July 30, 2020.

Carl von Wodtke, “[Letter from Aviation History: A Marauder’s Tale](#),” *HISTORYNET*, July 2020.

“[Countdown 1945](#),” Fox Nation, Premiere: June 7, 2020.

Brad Lendon, “[Hiroshima after 75 years: Walking the Path of the Atomic Bomb](#),” *CNN Travel*, April 26, 2020.

David Kindy, “[This World War II Bomber Took More Enemy Fire Than Most Others and Always Came Home](#),” *Smithsonian Magazine*, April 16, 2020.

“[The First Flight Around the World](#),” *HISTORY This Week Podcast*, Premiere: April 6, 2020.

“Survivors [Flak-Bait],” *Seriously Amazing Objects*, Smithsonian Channel, Premiere: February 3, 2020.

Joe Gromelski, “[Smithsonian Bringing World War II Bomber Back to Life](#),” *Stars and Stripes* (January 27, 2020): 6.

*Stars and Stripes*, “[Flak-Bait in Restoration at Smithsonian National Air and Space Museum](#),” YouTube, January 23, 2020.

“[Memphis Belle in Color](#),” Smithsonian Channel, Premiere: November 10, 2019.

Ray Hardman, “[B-17 Bombers Have Checkered Post-War Crash Record According to NTSB](#),” Connecticut Public Radio, October 2, 2019.

Jesse Greenspan, “[George H.W. Bush’s Role in WWII was among the Most Dangerous](#),” *History*, February 13, 2019.

“[Last B-24](#),” *NOVA*, PBS, Premiere: November 7, 2018.

“[The Jet Race](#),” *Survival in the Skies*, Smithsonian Channel, Premiere: December 19, 2017.

“Exclusive look at WWII plane at Udvar-Hazy Center,” *Great Day Washington*, WUSA 9 Television, November 6, 2017.

“[The Powerful and Fast P-51 Mustang](#),” Smithsonian National Air and Space Museum, August 25, 2017.

Cambridge Academic Books, “[An Interview with Jeremy R. Kinney, Author of Reinventing the Propeller](#),” YouTube, July 25, 2017.

Chris Klimek, “[Dogfighting over Dunkirk](#),” *Air & Space Smithsonian* (July 21, 2017).

Marsha A. Stoltz, “[Box Bought at Estate Sale May Be Rare Wright Factory Relic](#),” *USA Today*, June 19, 2017.

“[P-51 Mustang](#),” *Air Warriors*, Smithsonian Channel, Premiere: December 14, 2016.

“[Open Phones with Jeremy Kinney](#),” *American History TV*, C-SPAN, Premiere: July 1, 2016.

“First Aerial Circumnavigation of the Earth,” Smithsonian National Air and Space Museum, May 30, 2016.

Rachel Oswald, “[Re-Evaluating the Lessons of Hiroshima](#),” *Roll Call*, May 27, 2016.

“[American Artifacts: First Half Century of Aviation](#),” *American History TV*, C-SPAN, Premiere: April 25, 2016.

Larisa Epatko, “[Here’s What BMW Did Before It Made Luxury Cars](#),” *PBS NewsHour*, Premiere: March 7, 2016.

Smithsonian National Air and Space Museum, “[A Brief History of Flak-Bait](#),” YouTube, November 12, 2015.

Robert MacPherson, “[Seventy Years On, Few Americans Regret Enola Gay’s Mission,](#)” *Business Insider*, August 4, 2015.

“[To Remember Pearl Harbor, A Debate on Restoring a Last-of-its-kind Military Plane,](#)” *PBS NewsHour*, Premiere: December 5, 2014.

Betty Debnam, ed., “Military Pioneers of Flight,” *The Mini Page*, November 8, 2014.

“[Cost of Victory](#)” [Enola Gay and the End of World War II], BYU Television *American Ride*, Premiere: July 7, 2014.

David LaChance, “[A Warbird’s Rebirth,](#)” *Hemmings Motor News* 61 (July 2014): 60.

Jesse McKinley, “[Preparing a Veteran of D-Day for Its Return to Normandy,](#)” *New York Times*, May 14, 2014.

“[Battling Beast Debuts,](#)” *Aviation History* (April 2014).

Sandra Frykholm, “[Found and Lost](#) [Lost Lindbergh Artifact],” *Sequim Gazette*, March 19, 2014.

Chris Carola, “Rare Pearl Harbor Warplane Returning to U.S.,” Associated Press, December 6, 2013.

“[Enola Gay Navigator Recounts His Mission,](#)” CNN *Veterans in Focus*, Premiere: November 11, 2013.

Colleen Mondor, “[Smithsonian Solves Alaska Aviation History Mystery in ‘Arctic Flight Exhibit,’](#)” *Alaska Dispatch*, May 25, 2013.

“Milestones of Flight: The National Air and Space Museum,” Voice of America (South Asia) News Network, January 2013.

Howard Altman, “Aviation Interest Led Florida Woman into Historic World War II Role,” *Tampa Tribune*, December 25, 2012.

Lori Hinnant and Josh Freed, “French Court Overturns Concorde Crash Conviction,” *Associated Press*, November 29, 2012.

Patricia Trenner, “Wonderful Ones: Airplanes Without Equal at the National Air and Space Museum,” *Air & Space Smithsonian* (September 2012): 60-65.

“Flying on the Edge,” MSNBC *Caught on Camera*, Premiere: September 25, 2011.

Tom Knudson, “Reno Crash Likely A Turning Point for Air Races,” *Sacramento Bee*, September 23, 2011, page 1A.

“[The Future of NASA](#),” C-SPAN *Washington Journal*, Premiere: April 29, 2011.

“[Design for the Real World: Propeller](#),” NPR *Studio 360*, Premiere: May 25, 2007.

“The Wright Brothers and Their Airplane,” Voice of America (South Asia) News Network, February 2007.

“Tom Rutledge: Engine Builder for Lindbergh’s *Spirit of St. Louis*,” PBS *History Detectives*, Premiere: June 27, 2005.

George Larson, “NASM CSI [Crime Scene Investigation],” *Air & Space Smithsonian* 19 (February/March 2005): 14-15.

“Howard Hughes and His Aircraft,” Swiss Television, January 2005. Broadcast in French, German, and Italian.

Personal Profile, *Washington Post Express*, April 2004.

Andrew Curry, “Taking Wing: A Century of Flight,” *Smithsonian* 34 (December 2003).

“The Recreation of the Wright 1903 *Flyer*,” *National Geographic* Television, March 2002.

“Messerschmitt 262: The Race for the Jet,” History Channel *Battle Stations*, Premiere: November 18, 2001.

“NASA Fails to Fly Fastest Plane” [X-43A Hypersonic Research Vehicle], CNN *Sunday Morning*, June 3, 2001.

“It’s a Blast: Reversing Thrust Saves Brakes and Runway,” *Richmond Times-Dispatch*, March 1, 2001.

## **PROFESSIONAL SERVICE**

Ex Officio, Advisory Group, Non-Voting Member, U.S. Air Force Heritage Program Board of Directors, December 2017-present.

Aviation History Expert, National Oceanic and Atmospheric Administration (NOAA) deep sea dive on World War II aircraft wrecks off the Marianas Islands, July 2016. ([Video](#))

External Member for Adam Jungdahl, “‘The Sky’s the Limit’: A Comparative Assessment of the Global Proliferation of Military Airpower in the Early and Late 20<sup>th</sup> Century” (Ph.D. diss., The George Washington University, 2015).

Chair, ICOHTEC Turriano Prize for Young Scholars Committee, 2015-2018

Member, SHOT Robinson Prize Committee, November 2014

Inaugural Representative, Royal Air Force Museum/National Air and Space Museum Staff Exchange Program, London, England, February 2011

Blind Referee, NASA History Office (2016), Purdue University Press (2016), *ICON* (2015), *Vulcan* (2013-2014), American Institute of Aeronautics and Astronautics Press, 2007, *The British Journal for the History of Science* (2006)

Member, Culture and Society and History of Science and Technology fellowship committees, Smithsonian Institution, 2002-2010

Member, U.S. Air Force/National Park Service Joint Committee, June-November 2010  
Evaluated the Disposition of the Historic 5-Foot Wind Tunnel at Wright-Patterson Air Force Base, Ohio.

Member, Advisory Panel to the Natural History Museum of Los Angeles County, 2006  
Participated in conservation assessment of the Douglas World Cruiser *New Orleans*, one of the first aircraft to fly around the world in 1924.

Joint POW/MIA Accounting Command (JPAC), U.S. Department of Defense, 2006-2007  
Identified aviation artifacts to assist in military personnel recovery investigations.

Selection Committee, American Institute of Aeronautics and Astronautics Gardner-Lasser Aerospace History Literature Award, 2002-2005

Consultant, Research Division, United States Air Force Museum, Dayton, Ohio, April 2000-November 2000

Answered questions concerning the military's role in the development of aero propulsion technology and the general history of the museum.

Historical Advisor, Old Dominion University Department of Aerospace Engineering, Hampton, Virginia, March 2000-November 2000

Provided historical background information for Performance Testing Program of the Wright Brothers' Propellers at the NASA Langley Full-Scale Wind Tunnel.

Consultant, Aeronautics Division, National Air and Space Museum, Washington, DC, February 2000

Assisted in the architectural design of the propeller exhibit for the Udvar-Hazy Center at Dulles International Airport.

Assistant Manuscript Reviewer, Auburn University, May 1998

Examined *Palestine and the Arab-Israeli Conflict*, by Charles D. Smith, for St. Martin's Press in preparation for 4<sup>th</sup> edition. Suggested improvements to organization, illustrations, maps, and tables.

Consultant and Technical Editor, Auburn University, October 1996-November 1997

Responsible for researching, editing, and reviewing documentary text and film for historical accuracy and content for the Discovery Channel series *Wings* and *Science in America*. Specific episodes: “Flying Coffins” (history of World War I aviation), 1997; “Firestorm Over Dresden” (history of strategic bombing, World War II), 1997; “Valiant Few” (history of the Battle of Britain, World War II), 1997; “Target Berlin” (history of fighter aircraft in Europe during World War II), 1996; “The Roswell Incident” (origins of the UFO phenomena in America), 1997.

## **OUTREACH AT THE NATIONAL AIR AND SPACE MUSEUM**

“[World War II and Victory in Europe: STEM in 30 Mission Debrief](#),” *Facebook Live*, May 7, 2020, ([YouTube](#)).

“[Smithsonian Cares: Gilmore the Lion](#),” YouTube, April 13, 2020.

Aeronautics Department Coordinator for the 75<sup>th</sup> Anniversary of D-Day Program, Steven F. Udvar-Hazy Center, National Air and Space Museum, June 2019.

Guest, “[What's New in Aerospace?: A Conversation with Astronaut Drew Feustel](#),” YouTube, May 2019.

“[Ask and Expert Live: Behind the Scenes with Flak-Bait](#),” YouTube, August 9, 2017.

“[Dunkirk Director Christopher Nolan talks Spitfire with Air and Space](#),” YouTube, July 28, 2017.

Co-Host, *Hollywood Goes to War: World War I on the Big Screen* Film Series, February to November 2017.

Host and Speaker, “[What's New in Aerospace?: The Underwater Crash Site of USS Macon](#),” YouTube, January 30, 2017.

Guest, “[World War II and Tuskegee Airmen](#),” *STEM in 30*, February 2016.

Narrator and script writer for NASM-produced audio history of North American P-51 Mustang, Eastern FM-1 Wildcat, Douglas SBD-6 Dauntless, and Martin B-26B Marauder *Flak-Bait* for museum handheld users in support of Arsenal of Democracy World War II Capitol Flyover, May 8, 2015.

“[Ask an Expert: The Barron Hilton Pioneers of Flight Gallery](#),” YouTube, April 27, 2011.

“[Ask an Expert: The First Global Flight and the Douglas World Cruiser Chicago](#),” YouTube, April 13, 2011.

Smithsonian Networks Review Committee, 2010-2017

Coordinator for Centennial of U.S. Marine Corps Aviation Public Events, 2011-2012

Coordinator and presenter for “Curator’s Choice” lecture series, November 2000-November 2009

Served on museum committees related to the creation of educational materials related to the opening of a new gallery, family educational days, and the planning of the museum’s twenty-fifth anniversary celebration in 2001, which attracted 70,000 people.

## **AWARDS**

Gardner-Lasser Aerospace History Literature Award for *Reinventing the Propeller: Aeronautical Specialty and the Triumph of the Modern Airplane*, American Institute of Aeronautics and Astronautics, 2020

Secretary’s Research Prize for *Reinventing the Propeller: Aeronautical Specialty and the Triumph of the Modern Airplane*, Smithsonian Institution, 2018

Peer Award for Outstanding Achievement, National Air and Space Museum, 2015

Inaugural Participant, Smithsonian Institution Emerging Leaders Development Program, 2013-2014

Thornton D. Hooper Award for Excellence in Aviation History for “Building the Better Airplane: Aircraft Structural Testing at McCook Field, 1918,” *Over the Front*, League of World War I Aviation Historians, 2012

Eugene Ferguson Prize for Outstanding and Original Reference Work for *The Wind and Beyond: Journey into the History of Aerodynamics in America; Volume I: The Ascent of the Airplane*, Society for the History of Technology, 2005 (co-recipient)

Award for Outstanding Performance, National Air and Space Museum, 2004

Outstanding Graduate Student, Graduate Student Council, Auburn University, 2000-2001

Graduate Dean’s Award for Excellence, Auburn University, 1999-2000

W.C. Bradley Award for Graduate Student Achievement in the Humanities, College of Liberal Arts, Auburn University, 2000

Melvin Kranzberg Award for Outstanding Paper in the History of Technology for “‘The Propeller That Took Lindbergh Across’: America’s Development of the Metal Ground-Adjustable Pitch Propeller, 1917-1927,” Auburn University, 2000

Best Paper Prize for “‘The Wonderful Story of High Point in the Piedmont Section’: A History of the North Carolina Furniture Industry, 1880-1930,” University of North Carolina at Charlotte History Forum, 1999

First Prize for “Transforming An Ancient Craft Into A Modern Mechanized Art: The American Furniture Industry in the 1920s,” Alabama Chapters of Phi Alpha Theta Graduate Student Paper Competition, 1998

Honorable Mention for “Building the Better Airplane: Aircraft Production and Testing By the United States Army During World War I,” League of World War I Aviation Historians Mike Carr Student Paper Competition, 1996

Marvin L. Scaggs Award for Political Science and History, Greensboro College, 1994

## **FELLOWSHIPS**

American Historical Association National Aeronautics and Space Administration Fellow in Aerospace History, 2000-2001 (Awarded)

Smithsonian Institution Guggenheim Fellow in Aerospace History, 2000-2001 (Awarded)

Auburn University Presidential Graduate Fellow, 1998-2001 (Inaugural Recipient)

## **GRANTS AND SCHOLARSHIPS**

Smithsonian Institution Short-Term Visitor at the National Air and Space Museum, 2000

Milo Howard Dissertation Research Award, Auburn University, 1999

Graduate Research Award, Auburn University, 1999

Graduate Travel Award, Auburn University, 1999

Research Grant, Auburn University College of Liberal Arts, 1999

Travel Grant from the Southern Business History Initiative, Center for the Study of the American South, University of North Carolina at Chapel Hill, 1999

Direct Grant from the National Aeronautics and Space Administration to the Auburn University History Department for the Completion of a Multi-Volume Documentary History of Aerodynamics in the United States, 1997

Governor James B. Hunt Family Scholarship, Greensboro College, 1992-1994

Jefferson-Pilot Corporation Scholarship, Greensboro College, 1990-1994

## **ORGANIZATIONAL AFFILIATIONS**

Aircraft Engine Historical Society

American Institute of Aeronautics and Astronautics

International Committee for the History of Technology

Society of Automotive Historians

Society for the History of Technology