

North Carolina Topics Related to the theme “Innovation in History: Impact and Change

TOPIC	SUGGESTED PRIMARY SOURCES	SUGGESTED SECONDARY SOURCES	RELATED SITES AND MUSEUMS
<p><b>Gabriel Rains:</b> “Revolutionizing the science of combat.”</p>	<p><i>The Official Records of the War of the Rebellion</i> Gabriel Rains, “Torpedos,” <i>Southern Historical Society Papers</i>, vol. 111 (June 1877).</p> <p>“Explosion of a Torpedo,” <i>Harper’s Weekly</i> (May 24, 1862)</p>	<p>W. Davis Waters, “‘Deception Is the Art of War’: Gabriel J. Rains, Torpedo Specialist of the Confederacy,” <i>North Carolina Historical Review</i> (January 1989), 29-60</p> <p>Maurice Melton, “‘A Grand Assemblage’: George W. Rains and the Augusta Powder Works,” <i>Civil War Times Illustrated</i> (January 1973), 28-37</p> <p>Peter B. Sandbeck, <i>Historic Architecture of New Bern and Craven County</i> (1988)</p> <p>Ezra J. Warner, <i>Generals in Gray: Lives of the Confederate Commanders</i> (1959)</p>	<p>New Bern Academy (part of Tryon Palace Historic Sites and Gardens)</p> <p>The boyhood home of Gabriel Rains, E. Front St., New Bern</p> <p>The Museum of the Confederacy, Richmond, Virginia</p>
<p><b>Reginald Fessenden and</b> “Continuous Wave” Radio Broadcasting</p>	<p>R. A. Fessenden Papers, North Carolina State Archives, Raleigh Photos at: <a href="http://www.archives.ncdcr.gov/photos/fessenden/index_fessenden.htm">http://www.archives.ncdcr.gov/photos/fessenden/index_fessenden.htm</a></p>	<p>Helen M. Fessenden, <i>Fessenden, Builder of Tomorrows</i> (1940)</p> <p>Ormond Raby, <i>Radio’s First Voice: The Story of Reginald Fessenden</i> (1970)</p> <p>Hugh G. J. Aitken, <i>The Continuous Wave: Technology and American Radio, 1900-1932</i> (1985)</p> <p>Susan Douglas, <i>Inventing American Broadcasting, 1899-1922</i> (1987)</p>	<p>Buxton and Roanoke Island. Hammond Museum of Radio, Ontario, Canada.</p>
<p><b>The Outdoor Drama: Paul Green’s New Twist on a Very Old Art Form</b></p>	<p>Paul Eliot Green Papers (#3693), UNC-Chapel Hill, Southern Historical Collection, <a href="http://docsouth.unc.edu/wwi/greenletters/menu.html">http://docsouth.unc.edu/wwi/greenletters/menu.html</a></p> <p>Paul Eliot Green Papers (MSS 022), UNC-Greensboro, Literary Manuscript Collections. Laurence G. Avery, ed., <i>The Paul Green</i></p>	<p>John H. Roper, <i>Paul Green: Playwright of the Real South</i> (2003)</p> <p>Vincent S. Kenny, <i>Paul Green</i> (1971)</p> <p>Richard Walser, ed., <i>North Carolina Drama</i> (1956)</p> <p>Charles S. Watson, <i>The History of Southern Drama</i></p>	<p>^ The Waterside Theater, Roanoke Island, <a href="http://www.thelostcolony.org/Waterside_Theatre.htm">http://www.thelostcolony.org/Waterside_Theatre.htm</a></p> <p>Institute of Outdoor Drama, Chapel Hill, <a href="http://outdoordrama.unc.edu">http://outdoordrama.unc.edu</a></p>

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	<p><i>Reader</i> (1998)</p> <p>Laurence G. Avery, ed., <i>A Southern Life: Letters of Paul Green, 1916-1981</i> (1994)</p>	(1997).	<a href="/history/sitemap">/history/sitemap</a>
<p>“Carbine Williams and the M-1 Carbine: A Felon Helps Win a War”</p>	<p><i>Fayetteville Observer</i>, October 11-17, 1921 and April 20-23, 1997</p> <p>(Raleigh) <i>News and Observer</i>, February 25, 1951</p> <p><i>New York Times</i>, January 9, 1975</p>	<p>Ross E. Beard Jr., <i>Carbine: The Story of David Marshall Williams</i> (1977)</p> <p>H. T. Peoples, “The Most Unforgettable Character I’ve Met,” <i>Reader’s Digest</i> (March 1951)</p> <p>William S. Powell, ed., <i>Dictionary of North Carolina Biography</i>, VI, 205-206—sketch by H. G. Jones</p>	<p>North Carolina History Museum</p> <p>Special Forces Warfare Museum, Fayetteville, N.C.</p>
<p>North Carolina’s Artificial Limbs Program—the first former Confederate State to Help Maimed Veterans Get Back on their Feet Again.</p>	<p>AG 58—Adjutant General’s Office 1866 Letter Book from the Superintendent of the Artificial Limb Department.</p> <p>State Auditor 6.1—Register of Artificial Limbs 1866-1870</p> <p>State Auditor 6.113</p> <p>Civil War Military Collection—Boxes 41 and 41.1-41.5.</p> <p>Governor Jonathan Worth Papers</p> <p>Treasurer and Comptroller’s Cash Book 4</p> <p>(all of the above are in the North Carolina State Archives)</p>	<p>Ansley Herring Wegner, <i>Phantom Pain: North Carolina’s Artificial Limbs Program for Confederate Veterans</i>, 2004.</p> <p>Julian E. Kuz and Bradley P. Bengston, <i>Orthopaedic Injuries of the Civil War</i>, 1996.</p> <p>Jennifer Davis McDaid, “With Lame Legs and No Money,” <i>The Virginia Cavalcade</i>, Winter 1998: 14-25.</p> <p>Lawrence W. Friedman, <i>The Psychological Rehabilitation of the Amputee</i>, 1978.</p>	<p>Bentonville Battlefield, Four Oaks—the Harper House interprets Civil War medicine and the Robert A. Hanna leg is on display in the visitor center. Bennett Place State Historic Site, Durham</p> <p>National Museum of Civil War Medicine, Frederick, MD.</p> <p>National Museum of Health and Medicine, Washington, DC.</p>
<p>Caleb Bradham: “Brad’s Drink” and the Invention of Pepsi</p>	<p>Caleb Davis Bradham Papers, University of Wisconsin-Madison.</p>	<p>Milward W. Martin, <i>Twelve Full Ounces</i> (1962)</p> <p>William S. Powell, ed., <i>Dictionary of North Carolina Biography</i>, I, 206-207—sketch by Elizabeth H. Copeland</p>	<p>Bradham’s shop site, New Bern Tryon Palace Historic Sites and Gardens, New Bern</p>

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		PepsiCo website: <a href="http://www.pepsicola.com/">http://www.pepsicola.com/</a>  Gertrude Carraway, <i>Historic New Bern</i> (1957)	
<b>The Wright Brothers and the Invention of Flight</b>	Robert Brent Drane Papers, Southern Historical Collection, University of North Carolina at Chapel Hill  North Carolina State Archives website: <a href="http://www.archives.ncdcr.gov/education/iresources/wrightbrothers.html">http://www.archives.ncdcr.gov/education/iresources/wrightbrothers.html</a>  Wright Brothers Collection, Wright State University	Tom Crouch, <i>The Bishop’s Boys: A Life of Orville and Wilbur Wright</i> (1989)  Thomas C. Parramore, <i>Triumph at Kitty Hawk: The Wright Brothers and Powered Flight</i> (1993)  Thomas C. Parramore, <i>First to Fly: North Carolina and the Beginnings of Aviation</i> (2002)  National Park Service, Wright Brothers Memorial website: <a href="http://www.nps.gov/wrbr/">http://www.nps.gov/wrbr/</a>	Wright Brothers National Memorial, Kitty Hawk Smithsonian Institute, Washington, D.C.  North Carolina Museum of History
<b>George V. Holloman and the Autopiloted Flight - “The Man who Gave us the First Predator Drone”</b>	<i>New York Times</i> , March 22, 1946  (Raleigh) <i>News and Observer</i> , July 22, 1938; May 15, 1944; April 1, 1945  George V. Holloman Squadron Collection, North Carolina State University	William S. Powell, ed., <i>Dictionary of North Carolina Biography</i> , III, 175-176—sketch by Charles R. Holloman William S. Powell, ed., <i>Encyclopedia of North Carolina</i> (2006)  George A. Holloman, <i>The Holloman Family</i> (1952)	George V. Holloman Home Site, Rich Square, N.C.  Special Forces Warfare Museum, Fayetteville, N.C.
<b>John Motley Morehead and the North Carolina Railroad</b>	NCRR annual reports, State Library and UNC Library	Allen Trelease, <i>The North Carolina Railroad, 1849-1971</i> (1991)	<a href="http://www.ncmarkers.com">www.ncmarkers.com</a> J-4; “Blandwood,” Greensboro; Company Shops, Graham
<b>Stuart Cramer and Air Conditioning</b>	Cramer, “Useful Information for Cotton Manufacturers” (1898)	<i>Journal of Southern History</i> , November 1984; Howard Covington and Marion Ellis, ed., <i>The North Carolina Century</i> (2004)	<a href="http://www.ncmarkers.com">www.ncmarkers.com</a> O-76; Cramerton, NC textile mills
<b>The Palmer Institute: Innovation in African American Education</b>	Personal papers located at the North Carolina State Library (on microfilm) Period newspapers	See bibliography at <a href="http://www.nchistoricsites.org/chb/">http://www.nchistoricsites.org/chb/</a>	Charlotte Hawkins Brown Memorial—Sedalia <a href="http://www.ncmarkers.com">www.ncmarkers.com</a> J-87
<b>Finger Painting as Therapy: Innovative Work of Ruth Faison Shaw</b>	Ruth F. Shaw, <i>Finger Painting: A Perfect Medium for Self-Expression</i> (1934)  Ruth F. Shaw, <i>Finger Painting and How I Do</i>	Darwin Marable, “Ruth Faison Shaw: First Lady of Finger Painting,” <i>World and I</i> , available online at <a href="http://www.worldandi.com/subscribers/feature_detail.asp?num=25220">http://www.worldandi.com/subscribers/feature_detail.asp?num=25220</a>	Shaw School and Studio, Durham: <a href="http://shawschoolandstudio.com/bryancarey.shtml">http://shawschoolandstudio.com/bryancarey.shtml</a>

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	<p><i>It</i> (1947)</p> <p>Ruth Faison Shaw Papers, Southern Historical Collection, UNC-Chapel Hill:  <a href="http://www.lib.unc.edu/mss/inv/s/Shaw,Ruth_Faison.html">http://www.lib.unc.edu/mss/inv/s/Shaw,Ruth_Faison.html</a></p>		
<b>Innovation in Shipping: Malcolm McLean and Containerization</b>	<p>Interview Tom Hanchett at Museum of the New South, Charlotte, who organized an exhibition on the topic</p>	<p>New York Times obit for McLean:  <a href="http://www.nytimes.com/2001/05/29/nyregion/m-p-mclean-87-container-shipping-pioneer.html">http://www.nytimes.com/2001/05/29/nyregion/m-p-mclean-87-container-shipping-pioneer.html</a></p> <p>“The Container Story” film, access information at:  <a href="https://www.containerstory.com/hintergrund.php?lang=en">https://www.containerstory.com/hintergrund.php?lang=en</a></p>	<p>State ports at Morehead City, Wilmington</p>
<b>David Murdock’s Nutrition Campus in Kannapolis</b>	<p>North Carolina Research Campus website:  <a href="http://www.ncresearchcampus.net/">http://www.ncresearchcampus.net/</a></p>	<p>Newspapers features on the nutrition campus  WUNC-TV coverage (<i>North Carolina Now</i> and <i>North Carolina People</i> interview with Murdock)</p> <p>Howard E. Covington Jr. and Marion A. Ellis, eds., <i>The North Carolina Century: Tar Heels Who Made a Difference, 1900-2000</i> (2002)—on Cannons</p>	<p>Kannapolis campus</p>
<b>Founding of First State University, 1795</b>	<p>Documents pertinent to UNC’s founding available online at Documenting the American South webpage:  <a href="http://docsouth.unc.edu/unc/">http://docsouth.unc.edu/unc/</a></p>	<p>William S. Powell, <i>The First State University: Pictorial History of the University of North Carolina at Chapel Hill</i> (1972)</p> <p>William Snider, <i>Light on the Hill: The History of the University of North Carolina at Chapel Hill</i> (1992)</p>	<p>Campus in Chapel Hill, especially the North Carolina Collection in Wilson Library</p>
<b>Archibald DeBow Murphey and the Failure of Innovation in Federal Era North Carolina</b>	<p>William Henry Hoyt, ed., <i>The Papers of Archibald D. Murphey</i> (2 vols., 1914)</p> <p>Documents in Lindley S. Butler and Alan D. Watson, <i>The North Carolina Experience: An Interpretive and Documentary History</i> (1984), Ch. 10</p>	<p>Herbert Snipes Turner, <i>The Dreamer: Archibald DeBow Murphey</i> (1971)</p> <p>William S. Powell, <i>North Carolina through Four Centuries</i> (1989)</p>	<p>Canal Aqueduct at Roanoke Rapids:  <a href="http://www.roanokecanal.com/">http://www.roanokecanal.com/</a></p>
<b>Jane McKimmon and Home</b>	<p>McKimmon, <i>When We’re Green We Grow</i> (1945);</p>	<p>Barbara Sessoms, NCSU dissertation on McKimmon, 1980</p>	<p><a href="http://www.ncmarkers.com">www.ncmarkers.com</a> H-95;</p>

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Demonstration	McKimmon Papers, UNC		McKimmon Center, NC State Univ.
Innovators in Business: The Dukes Create a Tobacco Empire	Washington Duke, Benjamin Duke, and James Buchanan Duke papers, Duke University	Robert F. Durden, <i>Dukes of Durham, 1865-1929</i>  Steve Dunwell, <i>Duke: a Portrait</i>	Duke Homestead State Historic Site <a href="http://www.ncmarkers.com">www.ncmarkers.com</a> G-97, G-63
Luther Hartwell Hodges and the Creation of the Research Triangle Park	Governor’s Papers, North Carolina State Archives Published Records at State Library of N.C.	Pete Ivey, <i>Luther H. Hodges, Practical Idealist</i> William Powell, ed., <i>Dictionary of North Carolina Biography</i> , vol. 3	<a href="http://www.ncmarkers.com">www.ncmarkers.com</a> J-67
North Carolina Mutual Life Insurance Company: Innovator in Minority Business	Records at North Carolina Mutual Life Insurance Company in Durham  Photos of John Merrick: Durham County Library Photographic Archives <a href="http://dclibrary.net/prod1/ncc/photoarch/oe016.htm">http://dclibrary.net/prod1/ncc/photoarch/oe016.htm</a>  Documents found at Digital Durham <a href="http://digitaldurham.duke.edu/index.php">http://digitaldurham.duke.edu/index.php</a>	North Carolina Mutual web site <a href="http://www.ncmutuallife.com/index.html">http://www.ncmutuallife.com/index.html</a> Walter B. Weare. <i>Black Business in the New South: A Social History of the North Carolina Mutual Life Insurance Company</i> . Urbana, IL: University of Illinois Press, c. 1973.	Company headquarters
Hugh Hammond Bennett, Father of Soil Conservation	Hugh Hammond Bennett, <i>The Soils and Agriculture of the Southern States</i> (1921), <i>The Soil of Cuba</i> (1928), <i>Soil Conservation</i> (1939), <i>This Land We Defend</i> (1942), and <i>Elements of Soil Conservation</i> (1947).  <i>Tuesday Letter</i> (newsletter of the National Association of Soil Conservation Districts), July 12, 1960, and August 1, 1962  <i>The Hugh Bennett Lectures</i> (North Carolina State College, 1959)	Wellington Brink, <i>Big Hugh: The Father of Soil Conservation</i> (1951)  William S. Powell, ed., <i>Dictionary of North Carolina Biography</i> , I, 137-138  Howard E. Covington Jr. and Marion A. Ellis, eds., <i>The North Carolina Century: Tar Heels Who Made a Difference, 1900-2000</i> (2002) <a href="http://www.enr.state.nc.us/dswc/pages/envirothon.html">http://www.enr.state.nc.us/dswc/pages/envirothon.html</a>	The Brown Creek Soil and Water Conservation District, Anson County
Richard Jordan Gatling and “The Gatling Gun”	<i>The Official Records of the War of the Rebellion</i>  Richard Jordan Gatling Collection, Indiana	Thomas C. Parramore, “The North Carolina Background of Richard Jordan Gatling,” <i>North Carolina Historical Review</i> , January 1964	Richard Gatling Birthplace, Hertford County  Hertford County Historical

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	Historical Society Library, Indianapolis	Julia Keller, <i>Mr. Gatling’s Terrible Machine: The Gun that Changed Everything</i> (2008)  Frank E. Stephenson, <i>Gatling: A Photographic Remembrance</i> (1993)  Paul Wahl and Don Toppel, <i>The Gatling Gun</i> (1965) Arthur Clayton McCarty, <i>Annals of Medical History: Dr. Richard Jordan Gatling</i> (1940)	Museum, Murfreesboro, N.C.
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