

NBAF TIMELINE*		
DATE	DESCRIPTION	CATEGORY
1996	U.S. Representative (now U.S. Senator) Pat Roberts addressed a joint meeting of the Kansas Senate Committee on Ways and Means and House Committee on Appropriations. Senator Roberts advocated for the building of research facilities in Kansas and discussed the potential for federal funding.	KS Legislative Action
March 1999	March 22 - Kansas State University (KSU) completed a 100-page "Homeland Defense Food Safety, Security and Emergency Preparedness Program" and delivered it to U.S. Senator Pat Roberts and other members of the Kansas Congressional Delegation.	KSU Action
October 1999	October 27 - KSU presented testimony to the U.S. Senate's Armed Services Committee's Emerging Threats Subcommittee, Chaired by Senator Pat Roberts. The presentation was "Agricultural Biological Weapons Threat: Food Safety, Security and Emergency Preparedness" and it focused on how to confront bio/agroterrorism threats against the U.S.	U.S. Legislative Action
October 2001	The Kansas Legislature's Biennial Tour examined KSU animal agriculture facilities related to food safety and security.	KS Legislative Action
January 2002	Members of the Kansas Legislature (164 of 165) traveled to Manhattan to hear presentations on university research and animal facilities.	KS Legislative Action
May 2002	May 16 - Governor Bill Graves signed HB 2690, which created the University Research and Development Enhancement Act that authorized the issuance of up to \$120.0 million in bonds to each state university for research facilities, directed the Board of Regents to create a subsidiary corporation to oversee implementation of the projects, and authorized alternative procedures for acquiring construction services for the projects. The Act was limited to four projects which included the construction of the Food Safety and Security Research Facility at KSU. That facility is now referred to as the Biosecurity Research Institute (BRI), also known as "Pat Roberts Hall" on the KSU campus.	KS Legislative Action
November 2002	President George W. Bush signed the Homeland Security Act of 2002, which directed the transfer of the Plum Island Animal Disease Center (Plum Island) from the U.S. Department of Agriculture (USDA) to the U.S. Department of Homeland Security (DHS).	U.S. Legislative Action

2003	The operation and management responsibilities for the Foreign Animal Disease Research Unit laboratory at Plum Island, were transferred from the USDA to DHS.	U.S. Executive Action Prior to Site Selection
March 2003	March 21 - Because KSU developed the "Homeland Defense Food Safety, Security and Emergency Preparedness Program" in 1999 and testified on the "Agricultural Biological Weapons Threat" that same year, KSU was one of 40 invitees and the only university to participate in the "Biological and Agro Anti-Terrorism Partnership Project." That national security initiative was designed to better integrate the agriculture, food safety, intelligence, law enforcement, and public health communities.	ANSER Institute for Homeland Security
January 2004	Homeland Security Presidential Directive 9 was issued, requiring that the federal government improve America's readiness to defend the agriculture and food system against terrorist attacks, major disasters, and other emergencies.	U.S. Executive Action Prior to Site Selection
August 2005	DHS announced its plans to replace Plum Island, which was established in 1954.	U.S. Executive Action Prior to Site Selection
January 2006	DHS called for Expressions of Interest to be submitted by consortia interested in providing a site for the National Bio and Agro-defense Facility (NBAF) that was intended to replace Plum Island.	Site Selection Process
March 2006	Two Expressions of Interest, one for Manhattan and one for Leavenworth, were submitted to DHS from KSU by the Heartland BioAgro Consortium, a multistate group of research institutions and bio/agrosecurity subject-matter experts assembled by the Kansas City Area Life Sciences Institute, Midwest Research Institute, and KSU. Another 26 Expressions of Interest were submitted from other states for 32 more proposed sites (some consortia ignored the instructions from DHS for one proposal per site).	Site Selection Process
August 2006	DHS reduced the site selection list to 18 locations in 11 states that would be assessed on site by a 5-member team of DHS and USDA subject-matter experts. Both Kansas sites were on the list. One of the 18 sites withdrew, leaving 17 that were visited.	Site Selection Process
February 2007	February 5 - Senator Roberts addressed a joint session of the Kansas Senate and House of Representatives, urging their support for NBAF.	KS Legislative Action

February 2007	February 14 - Governor Kathleen Sebelius signed SB 252 to convey 59.288 acres (including the land where the BRI is located) of land on the KSU campus from the State Board of Regents to DHS contingent on NBAF site selection in Kansas.	KS Legislative Action
February 2007	February 14 - Governor Sebelius signed HB 2303, which created an interagency working group to support and assist DHS in the National Environmental Policy Act process for any site in Kansas selected by DHS for the location of NBAF. The group also had additional duties related to NBAF development in Kansas.	KS Legislative Action
February 2007	The Kansas Legislature adopted HCR 5009, which pledged support for NBAF and urged various federal agencies, the President, and the Kansas Congressional Delegation to consider two sites in Kansas as the location for the new federal laboratory.	KS Legislative Action
April 2007	DHS and USDA subject matter experts visited the Leavenworth proposed NBAF site on April 18 and the Manhattan proposed NBAF site on April 19. Presentations were made by members of the Heartland BioAgro Consortium at each site, tours of the sites were facilitated, and questions by the site visitors were answered.	Site Selection Process
July 2007	DHS named 5 finalist sites from 17 that had been visited and Plum Island was added as required by federal law; thus, 6 finalist sites would undergo environmental impact assessments. The sites were located in Kansas, Georgia, Mississippi, Texas, North Carolina, and New York. Had DHS not predetermined there would be only one finalist site per state, both Leavenworth and Manhattan would have made the final list, as they ranked second and third, after the 17 site visits.	Site Selection Process
August 2007	August 28 - A public scoping meeting was held on KSU campus and very strong support of NBAF was expressed at the meeting.	Site Selection Process
February 2008	February 1 - DHS released the final report summarizing the NBAF scoping meetings held in various states.	Site Selection Process

February 2008	February 29 - Jay M. Cohen, DHS Under Secretary for Science and Technology, sent a letter to the Kansas Bioscience Authority to: (1) confirm the details of the Heartland BioAgro Consortium's final site offer and to identify any contingencies affecting the offer; and (2) provide background on the process DHS was following to identify its preferred site alternative among the six siting alternatives and no action alternative that DHS was analyzing in accordance with the National Environmental Policy Act.	Site Selection Process
March 2008	The Kansas Legislature adopted SCR 1624, which encouraged DHS to consider Kansas' demonstrated expertise and experience with research, its existing facilities and security infrastructure, and the human resources already in place which make Kansas a natural fit for the location of NBAF.	KS Legislative Action
March 2008	March 28 - Governor Sebelius signed Senate Sub. for HB 2001, which authorized the issuance of up to a net of \$105.0 million in revenue bonds for the purpose of supporting a capital improvement project relating to NBAF. The bill required the Kansas Bioscience Authority to approve any such project prior to the issuance of bonds by the Kansas Development Finance Authority. The bill required debt service be financed by the State General Fund or any other appropriated special revenue fund or funds, subject to appropriation by the Legislature.	Bonding
March 2008	March 31 - The "National Bio and Agro-defense Facility Kansas Final Site Offer" was submitted by the Kansas Bioscience Authority making the following commitments: (1) conveying 48.409 acres (initial offer made by the State after no interest was expressed in the BRI land being included) to the U.S. Government (\$1.15 million); (2) fully funding site preparation and Central Utility Plant costs (\$110.0 million: \$105.0 million from the State of Kansas and \$5.0 million from the City of Manhattan); (3) funding "a research program to support NBAF-related Research and Development in KSU's BRI" (\$35.0 million); (4) conveying KSU's BRI to DHS if requested by DHS (\$58.0 million; DHS opted not to in 2009); and (5) funding for the development of a biosafety training program (\$2.0 million from the Kansas Department of Commerce) for a total commitment of \$206,150,000.	KS Bonding/Funding Commitment
April 2008	The Congressional Research Service published a report titled "The National Bio and Agro-Defense Facility: Issues for Congress."	Risk Evaluation

May 2008	The Federal Food, Conservation, and Energy Act of 2008 became law. Section 7524 of the Act directed the Secretary of Agriculture to issue the required permit to DHS allowing work on the live virus of foot and mouth disease at the facility selected as a successor to Plum Island.	U.S. Legislative Action
December 2008	December 4 - The "Preferred Alternative Selection Memorandum for the National Bio and Agro-defense Facility (NBAF)" was signed by Jay M. Cohen, DHS Under Secretary for Science and Technology, which named Manhattan, KS, the NBAF preferred site. It acknowledged the final environmental impact study issued by DHS and detailed the rationale for the selection.	Site Selection Process
January 2009	January 12 - The Record of Decision to select KSU was signed by DHS and published in the <i>Federal Register</i> on January 16.	Site Selection Process
May 2009	May 22 - Governor Mark Parkinson signed Senate Sub. for HB 2373, an appropriations bill that, among other things allowed KSU to make expenditures to raze the elevator and feed mill (building no. 457) located on the NBAF building site.	KS Legislative Action
July 2009	July 30 - A U.S. Government Accountability Office report questioned the safety of studying live foot and mouth disease virus without the isolation of an island.	Risk Evaluation
September 2009	McCarthy Mortenson NBAF A Joint Venture was hired by DHS as the Construction Manager as Constructor for the NBAF project.	Construction Contract
December 2009	The National Security Strategy for Countering Biological Threats, prepared by the National Security Council, was released by President Barack Obama.	U.S. Executive Action
April 2010	April 15 - An Omnibus appropriations bill for 2011 was passed by the U.S. Congress, allocating \$40.0 million for the NBAF project.	Federal Funding
February 2010	Bond 2010E-2 was issued for \$22.8 million. (Authorized by 2008 Senate Sub. for HB 2001 in March 2008).	Bonding
February 2010	Bond 2010F was issued for \$7.5 million. (Authorized by 2008 Senate Sub. for HB 2001 in March 2008).	Bonding

October 2010	October 1 - A site-specific Biosafety and Biosecurity Mitigation Risk Assessment was released by DHS.	Risk Evaluation
November 2010	November 15 - A study was released by National Research Council stating the DHS risk assessment was inaccurate and there was a 70.0 percent chance of foot and mouth disease being released over 50 years, which was based on the facility design at 15.0 percent.	Risk Evaluation
May 2011	May 25 - Governor Sam Brownback signed House Sub. for SB 154, which replaced the Kansas Bioscience Authority with the Kansas Department of Administration in KSA 74-8963 as the authority to make expenditures from the proceeds of the bonds for NBAF purposes. The legislation added the requirement that the issuance of the bonds be approved by the State Finance Council.	KS Legislative Action; Bonding
May 2011	The Kansas Legislature adopted SCR 1605, which urged the U.S. Congress to support the President's budget request of \$150.0 million to ensure the timely construction and operations of NBAF. It also urged construction and operations of NBAF be accelerated to eliminate the capability gap outlined in a 2004 report by DHS and provide the research, testing, and evaluation necessary to secure the nation's food supply and agricultural economy.	KS Legislative Action
July 2011	July 15 - Members of the Steering Committee were selected; Governor Brownback announced the membership. The Committee was tasked with overseeing the planning and implementation of NBAF coming to Manhattan, KS.	Steering Committee
December 2011	December 14 - Per request of the Secretary of Administration, the State Finance Council passed Resolution No. 11-614 allowing the issuance of \$45.4 million in bonds plus other associated costs (specified in the Resolution).	Bonding
January 2012	January 25 - NBAF Economic Impact Report prepared for KSU was published.	Risk Evaluation
February 2012	February 1 - An updated site-specific Biosafety and Biosecurity Mitigation Risk Assessment was published by DHS.	Risk Evaluation

February 2012	The President's budget recommended no funding for NBAF construction (Congress had appropriated \$50.0 million, deemed by the President as insufficient to start construction) but recommended \$10.0 million for increased research at the BRI.	Federal Funding
April 2012	April 13 - NBAF estimated construction cost was updated to \$1.14 billion.	Federal Funding
June 2012	June 15 - Evaluation of the updated Site-Specific Risk Assessment for NBAF was released by the National Research Council. It found improvements but concluded some inappropriate assumptions regarding risks were made.	Risk Evaluation
July 2012	July 13 - The National Research Council released a report, "Meeting Critical Laboratory Needs for Animal Agriculture: Examination of Three Options," calling a large animal biocontainment laboratory "imperative."	Risk Evaluation
December 2012	December 28 - The 46.828-acre site for the NBAF facility is transferred to the U.S. from KSU.	Construction
June 2013	Bond 2013A was issued for \$45.5 million. (Authorized by State Finance Council Resolution No. 11-614 in December 2011).	Bonding
February 2013	DHS awarded the NBAF Central Utility Plant (CUP) construction contract.	Construction; CUP
May 2013	May 27 - Groundbreaking ceremony for CUP.	Construction; CUP
June 2013	CUP construction began.	Construction; CUP
June 2013	June 20 - Governor Brownback signed SB 171, which authorized the Kansas Development Finance Authority to issue \$307.0 million in revenue bonds for the construction of NBAF plus all amounts required for costs of the bond issuance, interest on the bond, bond insurance, and reserves. This added \$202.0 million dollars of bonding authority to the \$105.0 million previously authorized by 2008 Senate Sub. for HB 2001.	Bonding
January 2015	January 6 - The State Finance Council passed Resolution No. 15-644, which approved the issuance of \$231.3 million in revenue bonds for the construction of NBAF plus all amounts required for costs of the bond issuance, interest, insurance, and reserves.	Bonding

March 2015	March 4 - President Obama signed the Department of Homeland Security Appropriations Act of 2015, which included the final \$300.0 million needed to fully fund NBAF construction.	Federal Funding
March 2015	Bond 2015G was issued for \$231.3 million. (Authorized by State Finance Council Resolution No. 15-644 in January 2015.	Bonding
May 2015	May 15 - DHS Science and Technology Directorate announced the \$834.0 million award of a contract for the final phase of construction of NBAF to McCarthy Mortenson NBAF A Joint Venture.	Federal Funding
May 2015	May 27 - Groundbreaking ceremony for the NBAF laboratory.	Construction; Lab
Summer 2015	Excavation for construction of the NBAF laboratory began.	Construction; Lab
October 2015	Construction on CUP completed.	Construction; CUP
December 2015	Excavation for the laboratory completed; steel and concrete work began.	Construction; Lab
2016	The Operational Planning and Technology Integration contract (directing the On-site Operations and Maintenance contract) is to be awarded.	Construction
March 2018	Construction crews are projected to finish pouring concrete for the NBAF lab after almost 2.5 years.	Construction
2018 and 2019	The daily on-site construction personnel average count is projected to peak at nearly 900 in the third quarter of 2018 and again in the second quarter of 2019.	Construction
2019	The On-site Operations and Maintenance contract is projected to begin.	Finalization
December 2020	Projected construction completion of all NBAF facilities.	Construction
January 2021	Accreditation process for use of select agents is projected to begin.	Finalization
May 2022	Lab commissioning is projected to be completed.	Construction

December 2022	Lab accreditation is projected to be completed for select agents.	Finalization
2023	NBAF is projected to be fully operational.	Finalization
August 2023	Transition from Plum Island to NBAF is to be completed.	Finalization
Abbreviations		
Abbreviation	Term	
BRI	Biosecurity Research Institute	
CUP	Central Utility Plant	
DHS	Department of Homeland Security	
KSU	Kansas State University	
NBAF	National Bio and Agro-Defense Facility	
USDA	United States Department of Agriculture	
*The NBAF Final Funding Summary is attached at the end of this document.		
<i>Staff Note: Bond authorizations often include costs above the total specified. Bond amounts issued may vary from authorization amount due to other costs involved in the bonding process.</i>		

NBAF Final Funding Summary				
FUND SOURCE	FY 2006-13⁽¹⁾	FY 2014⁽¹⁾	FY 2015⁽¹⁾	TOTAL
Federal Appropriations	\$234.0 Million	\$404.0 Million	\$300.0 Million ⁽⁴⁾	\$938.0 Million
State of Kansas	\$105.0 Million ⁽²⁾	\$202.0 Million ⁽³⁾	--	\$307.0 Million
City of Manhattan	\$5.0 Million ⁽²⁾	--	--	\$5.0 Million
TOTAL	\$344.0 Million	\$606.0 Million	\$300.0 Million	\$1.25 Billion
<p>⁽¹⁾ Federal fiscal years begin October 1 and end September 30. State of Kansas fiscal years begin July 1 and end June 30.</p> <p>⁽²⁾ Committed as part of the "Kansas Final Site Offer" for NBAF, March 31, 2008.</p> <p>⁽³⁾ Committed to match the federal \$404.0 million when the final \$300.0 million was funded, transferred April 15, 2015.</p> <p>⁽⁴⁾ Passed by the U.S. Senate February 27, 2015 and the U.S. House March 3, 2015. Signed by President Obama March 4, 2015.</p>				