

CAPITAL FUNDING REQUEST

for the 2017 to 2019 BIENNIUM



UNIVERSITY OF ARKANSAS

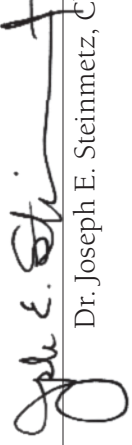
April 4, 2016

**INSTITUTIONAL PRIORITY RANKING
of 2017-2019 HIGHER EDUCATION BOND CAPITAL REQUESTS**

University of Arkansas, Fayetteville



Rank	Project Name	Category	Total Cost	Other Funds	Total State Funding Requested
1	CENTER FOR LEARNING AND STUDENT SUPPORT	New	\$ 11,536,746	\$ -	\$ 11,536,746
2	RESEARCH LABORATORY AND OFFICE BUILDING	New	\$ 45,433,550	\$ -	\$ 45,433,550
3	FINE ARTS CENTER	Restoration/Addition	\$ 32,415,426	\$ -	\$ 32,415,426
4	BUSINESS BUILDING	Renovation	\$ 21,501,000	\$ -	\$ 21,501,000
5	HUMAN ENVIRONMENTAL SCIENCES BUILDING	Restoration/Reno	\$ 10,577,800	\$ -	\$ 10,577,800
6	JOHN A WHITE JR ENGINEERING HALL	Restoration/Addition	\$ 20,980,300	\$ -	\$ 20,980,300
7	MEMORIAL HALL	Restoration/Reno	\$ 19,030,935	\$ -	\$ 19,030,935
8	MULLINS LIBRARY / STACKS	Restoration/Reno	\$ 16,475,500	\$ -	\$ 16,475,500
9	AGRICULTURE BUILDING	Restoration/Reno	\$ 20,000,400	\$ -	\$ 20,000,400
10	GENERAL ACCESS CLASSROOM AND OFFICE BUILDING	New	\$ 37,000,000	\$ -	\$ 37,000,000
11	RESEARCH CENTER at ARTP	New	\$ 30,334,000	\$ -	\$ 30,334,000
12	NANOSCALE MATL SCI & ENG / NORTH AND SOUTH WING	New	\$ 57,785,000	\$ -	\$ 57,785,000
13	WEST AVENUE ANNEX	Restoration/Reno	\$ 6,288,229	\$ -	\$ 6,288,229
14	KIMPLE HALL / OFFICE TOWER	Renovation	\$ 9,393,000	\$ -	\$ 9,393,000
Total			\$ 338,751,886	\$ -	\$ 338,751,886


Dr. Joseph E. Steinmetz, Chancellor

1.

CENTER FOR LEARNING AND STUDENT SUPPORT NEW CONSTRUCTION

Description of Project

The *Center for Learning and Student Support (CLASS+)* supports the university's goal of increasing student retention and graduation rates in several ways. It provides supplemental instruction for classes that have a high failure or withdrawal rate. It provides course-specific tutoring with a focus on Mathematics, the Sciences, Social Sciences, and World Languages, as well as general writing support tutoring. Finally, the program includes Learning Coaches to help individual students who encounter difficulties in a particular class or classes.

The center is currently housed in a small basement area of Gregson Hall (a residence hall). This project will create a permanent home for the center, and allow CLASS+ greater flexibility in collaborating with other departments and programs to increase student retention and academic success. The building will include a series of "smart classrooms," a writing assistance lab, coaching rooms, group tutoring rooms, study areas, and computer lab. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	N/A
Constructed:	New
Style:	N/A
Size:	30,000 sf
Current Use:	N/A
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	N/A

Construction Schedule

The estimated design and construction timeline is 28 months.
 Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the first time this project has appeared in the biennium request.

CENTER FOR LEARNING AND STUDENT SUPPORT

Estimated Project Costs

A.	Building Construction		\$	6,300,000.00
B.	Built-in equipment		\$	495,000.00
C.	Architectural and Engineering Fees		\$	1,228,421.00
D.	Contingencies		\$	1,518,075.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	60,000.00	
	Site Improvements	\$	1,335,000.00	
	Utilities	\$	30,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	153,500.00	
	Total Other Costs		\$	1,579,000.00
F.	Movable Furniture and Equipment		\$	416,250.00
Total Estimated Project Costs			\$	11,536,746.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 11,536,746.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

2.

RESEARCH LABORATORY AND OFFICE BUILDING NEW CONSTRUCTION

Description of Project

The *Research Laboratory and Office Building* will help the university expand its research capabilities by providing new laboratories and faculty offices. The building is made necessary by the remarkable growth of the university over the last ten years, and will support the goal of increasing UA's academic standing by providing research space that accommodates best practices in academic research. The location near the heart of the Historic Core is directly adjacent to several buildings in the Bumpers College, and could allow many of its academic units—currently scattered across campus—to locate in the same building for the first time. Several other colleges nearby, such as the Fulbright Colleges of Arts and Sciences, could benefit as well with desperately needed space. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Constructing a new building in this location will require the removal of the Agriculture Annex, formerly used by both agriculture and home economics and as the student infirmary. The building is now a secondary space for the Bumpers College, and does not lend itself well to either classroom or laboratory use. The building is one of the oldest remaining buildings on campus (completed in 1905), but it is small, inefficient, and in very poor condition. Because the site could be much more efficiently developed and the building has comparably little historical importance, it is recommended that the Agriculture Annex be demolished following complete historic recordation.

Pertinent Data

Historic Name:	N/A
Constructed:	New
Style:	Collegiate Gothic
Size:	59,500 sf
Current Use:	N/A
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	N/A

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the third time this project has appeared in the biennium request.

RESEARCH LABORATORY AND OFFICE BUILDING

Estimated Project Costs

A.	Building Construction		\$	23,800,000.00
B.	Built-in equipment		\$	682,400.00
C.	Architectural and Engineering Fees		\$	5,336,300.00
D.	Contingencies		\$	5,947,300.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	110,000.00	
	Site Improvements	\$	1,457,750.00	
	Utilities	\$	4,459,500.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	595,000.00	
	Total Other Costs		\$	6,622,750.00
F.	Movable Furniture and Equipment		\$	3,044,800.00
Total Estimated Project Costs			\$	45,433,550.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 45,433,550.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

3.

FINE ARTS CENTER RESTORATION, RENOVATION, and ADDITION

Description of Project

The *Fine Arts Center*, originally known as the Fine Arts Building, was designed by Edward Durell Stone of New York, NY with Haralson & Mott of Fort Smith, and was the first Modernist academic building on the campus. It was funded in part by \$1 million from the state. The building originally housed the fine and applied arts, architecture, dance, music, painting, sculpture, and drama.

The *Fine Arts Center* is currently at maximum capacity and many areas of focus have been cut in order to accommodate immediate needs. Printmaking and sculpture studios, technology areas, and graduate student studios, etc. are so outdated that departmental efforts to attract faculty and students are compromised. The basement of the building is not accessed by elevator or lift, so the photography lab cannot be accessed by handicapped students or faculty. In addition, shop space is confined, so power tools and equipment are being used in space that is undersized for the number of students. Electrical service is undersized, dust collection systems and spray booths are inadequate, and exhaust/ventilation/fresh air intake is problematic.

While it was the first Modernist building on campus, the design did continue the general arrangement, scale, and alignments laid out in the 1925 campus plan. The building is composed of wings of varying heights—one, two, and three stories—and has an asymmetrical plan with several main functions connected by an open, glass-walled gallery space. The structure is reinforced concrete with exterior walls of buff brick over block. All of the building’s doors and windows were originally slender steel units. While some of the steel awning windows remain on the studio wing, in other areas, such as the gallery, the windows and doors have been replaced with inappropriate aluminum storefront systems. Many significant changes have been made to the building since its construction. While some of these changes were necessary to improve the function of the building, they obscured, and in some cases destroyed, the integrity of the original design.

A total building restoration and renovation will bring original details back to this significant campus building, while creating teaching environments that are safe and useful. A small addition will add new classroom space. Upgrades in 2005 and 2008 made life safety improvements and added a welding shop for the university theater. The roof of the three-story classroom wing was replaced in 2014, and the roofs of the remaining roof sections were sealed to extend their lives until they can be replaced. The *Fine Arts Center* is a Landmark contributing building to the University of Arkansas Campus Historic District, listed on the National Register of Historic Places in 2009. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

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Pertinent Data

Historic Name:	Fine Arts Building
Constructed:	1951
Style:	International Style
Size:	116,915 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$46.4 million

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the third time this project has appeared in the biennium request.

FINE ARTS CENTER

Estimated Project Costs

A.	Building Construction		\$	22,207,000.00
B.	Built-in equipment		\$	420,000.00
C.	Architectural and Engineering Fees		\$	3,452,700.00
D.	Contingencies		\$	4,246,900.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	147,526.00	
	Site Improvements	\$	367,400.00	
	Utilities	\$	6,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	226,700.00	
	Total Other Costs		\$	748,126.00
F.	Movable Furniture and Equipment		\$	1,340,700.00
Total Estimated Project Costs			\$	32,415,426.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 32,415,426.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

4.

BUSINESS BUILDING RENOVATION

Description of Project

Formerly called the Business Administration Building, the *Business Building* was designed by Wittenberg, Delony & Davidson and completed in 1977, when students moved to the new building from Gearhart Hall in the historic core of campus. The *Business Building* was constructed near Kimpel Hall (formerly the Communications Center) in the district now known as McIlroy Hill. The Sam M. Walton College of Business occupies three buildings in the district.

After almost 40 years in service, the *Business Building* and Kimpel Hall still account for a good percentage of the campus's instructional space. While the structure itself is in decent condition, the building systems and interiors have received hard use and are in need of renewal. The Sam M. Walton College of Business continues to grow, and some reconfiguration of the existing space is necessary to accommodate that growth. Undergraduate Programs staff have outgrown their areas, student organization space is limited, and additional solutions are needed. Washrooms should be brought to current code and ADA requirements, and finishes upgraded to today's standards. Perhaps most critical to the curriculum is the replacement of the routers and switches which control the flow of digital information in the College. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	Business Administration Building
Constructed:	1977
Style:	Late Modernist
Size:	115,700
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$38.5 million

Construction Schedule

The estimated design and construction timeline is 28 months.
 Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the fourth time this project has appeared in the biennium request.

BUSINESS BUILDING

Estimated Project Costs

A.	Building Construction		\$	15,600,000.00
B.	Built-in equipment		\$	148,200.00
C.	Architectural and Engineering Fees		\$	2,211,300.00
D.	Contingencies		\$	2,875,000.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way			
	Surveys & Borings	\$	86,000.00	
	Site Improvements	\$	28,000.00	
	Utilities	\$	165,000.00	
	Parking Lots			
	Telephone/Remote Utility Fees	\$	75,000.00	
	Total Other Costs		\$	354,500.00
F.	Movable Furniture and Equipment		\$	312,000.00
Total Estimated Project Costs			\$	21,501,000.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds		0.00%
Total Funding		\$ 21,501,000.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

5.

HUMAN ENVIRONMENTAL SCIENCES BUILDING RESTORATION and RENOVATION

Description of Project

The *Human Environmental Sciences Building* was built in 1940. The three-story building was constructed with a reinforced-concrete frame and load-bearing clay tile exterior walls faced with Batesville limestone. It was designed by Haralson & Mott of Fort Smith with Mann & Wanger of Little Rock in the Collegiate Gothic style, and was one of the last buildings on campus to be built under the influence of the 1925 Plan. In 1995, the name of the department was changed from Home Economics to the School of Human Environmental Sciences, although the original v-cut letters spelling out “Home Economics” above the front entrance remain.

A restoration and renovation of the building is required to modernize the 75+ year old classrooms and teaching laboratories and to update mechanical, electrical, and plumbing systems. The university has completed some work under an energy savings performance contract (ESPC), installed a new roof, and done some minor renovation of several classrooms and teaching laboratories. Funding this request would complete all interior renovation work, including asbestos abatement, new building systems, and life safety upgrades, as well as exterior restoration, including full stone repointing, etc. The *Human Environmental Sciences Building* is a Landmark contributing building to the University of Arkansas Campus Historic District, listed on the National Register of Historic Places in 2009. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	Home Economics Building
Constructed:	1940
Style:	Collegiate Gothic
Size:	33,400 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$23.74 million

Construction Schedule

The estimated design and construction timeline is 28 months.
 Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the third time this project has appeared in the biennium request.

HUMAN ENVIRONMENTAL SCIENCES BUILDING

Estimated Project Costs

A.	Building Construction		\$	6,178,000.00
B.	Built-in equipment		\$	444,300.00
C.	Architectural and Engineering Fees		\$	1,328,500.00
D.	Contingencies		\$	1,325,000.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	61,800.00	
	Site Improvements	\$	540,000.00	
	Utilities	\$	8,500.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	216,200.00	
	Total Other Costs		\$	827,000.00
F.	Movable Furniture and Equipment		\$	475,000.00
Total Estimated Project Costs			\$	10,577,800.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 10,577,800.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

6.

JOHN A WHITE JR ENGINEERING HALL RESTORATION, RENOVATION, and ADDITION

Description of Project

White Engineering Hall is part of the Collegiate Gothic architecture built at the university from 1925-1940, and was listed on the National Register of Historic Places in 1992. Designed by Jamieson & Spearl, architects of the 1925 Plan, the building embodies their vision for a campus of stone Gothic buildings built around a series of courtyards and quadrangles. The building is constructed of load-bearing masonry walls faced with Batesville limestone ashlar and Indiana limestone moldings. The building has one of the most well-designed facades of the 1920's campus buildings, including a rusticated plinth, Doric pilasters, and cartouches with the University seal, and its high historical and architectural value calls for a sensitive restoration. *White Engineering Hall* is a Landmark contributing building to the University of Arkansas Campus Historic District, created in 2009.

In 2013, the university invested \$4.35 million (total project cost) in a renovation of the first floor for the Biomedical Engineering department. The architect also completed a planning study for the full renovation of the remainder of the building, as well as the addition of the missing west wing. The renovation and addition will provide space for classrooms, teaching and research labs, and offices for the Biomedical, Electrical, and Biological Engineering departments, as well as the Freshman Engineering Center. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	Engineering Hall
Constructed:	1927, 1950 matching addition
Style:	Collegiate Gothic
Size:	58,511 sf restoration + 11,265 sf addition
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$41.6 million

Construction Schedule

The estimated design and construction timeline is 28 months.
 Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

A planning study was completed in 2013. The design team would move forward with the design and construction documents, based on this planning study, if the project were funded.

History of Request

This is the sixth time this project has appeared in the biennium request.

JOHN A WHITE JR ENGINEERING HALL

Estimated Project Costs

A.	Building Construction		\$	11,140,000.00
B.	Built-in equipment		\$	1,113,000.00
C.	Architectural and Engineering Fees		\$	2,314,700.00
D.	Contingencies		\$	2,697,700.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way			
	Surveys & Borings	\$	113,500.00	
	Site Improvements	\$	1,125,000.00	
	Utilities	\$	721,000.00	
	Parking Lots			
	Telephone/Remote Utility Fees	\$	674,000.00	
	Total Other Costs		\$	2,634,000.00
F.	Movable Furniture and Equipment		\$	1,080,900.00
Total Estimated Project Costs			\$	20,980,300.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds		0.00%
Total Funding		\$ 20,980,300.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

7.

MEMORIAL HALL RESTORATION and RENOVATION

Description of Project

Memorial Hall was built in 1940 as the university's first student union. Funds raised from a \$2.00 student fee and an annual operating fee were used to match a PWA grant and loan to construct the original building. The three-story structure, designed by Haralson & Mott of Fort Smith with Mann & Wanger of Little Rock, is a mix of Collegiate Gothic, Classical Revival, and Art Deco styles. The front entrance, flanked by two geometric towers, and the lobby and main stair most strongly exhibit Art Deco influences, while the monumental arched windows of the ballroom and the north arcade are clearly Classical Revival. In the mid-1970's, the building was significantly altered by the original architectural firm. The most disruptive change was the insertion of a mezzanine in the large double-height ballroom. Today, Memorial Hall houses administrative offices and classrooms/studios for the Psychology and Landscape Architecture programs and Air Force ROTC. The building was listed on the National Register of Historic Places in 1992.

Memorial Hall is a Landmark contributing building to the University of Arkansas Campus Historic District, created in 2009. The complete exterior restoration of *Memorial Hall* has been funded in three phases through the Arkansas Natural and Cultural Resources Council (ANCRRC), university matching funds, and stimulus (ARRA) funds. The work included a new roof, restoring and replacing damaged stone steps, cleaning and repointing stone walls and trim, restoring the stone towers, restoring the side arcade and balustrade, repairing steel windows, refinishing wood doors, and restoring historic light fixtures. Funding this request would allow for complete restoration and renovation of the building interior, including restoring the historic ballroom for classes and special events. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	Student Union / Futrall Memorial Hall
Constructed:	1940, 1947 and 1949 minor additions
Style:	Collegiate Gothic / Classical Revival / Art Deco
Size:	59,750 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$42.46 million

NARRATIVE

(CONTINUED)

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the third time this project has appeared in the biennium request.

MEMORIAL HALL

Estimated Project Costs

A.	Building Construction		\$	11,053,500.00
B.	Built-in equipment		\$	667,000.00
C.	Architectural and Engineering Fees		\$	2,148,000.00
D.	Contingencies		\$	2,400,000.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	110,000.00	
	Site Improvements	\$	967,935.00	
	Utilities	\$	15,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	597,000.00	
	Total Other Costs		\$	1,690,435.00
F.	Movable Furniture and Equipment		\$	1,072,000.00
Total Estimated Project Costs			\$	19,030,935.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 19,030,935.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

8.

MULLINS LIBRARY / STACKS RENOVATION

Description of Project

Mullins Library opened in 1968, and replaced Vol Walker Hall (now the school of architecture) as the home to the university's library collections. Its construction was part of an expansion of the campus that occurred in the late 1960's, which moved the focus of the university away from Old Main. The building was named later for David W. Mullins, president of the University from 1960 to 1974. Approximately 75,000 sf of the original building was remodeled in conjunction with the eastern addition in 1997. The remaining square footage is scheduled to be remodeled eventually, with approximately thirty percent of the total anticipated in this phase of construction.

Located in the University of Arkansas Campus Historic District, listed on the National Register of Historic Places in 2009, the Library is a central element of the University's vision for academic excellence. Enhancing student-centered space in the academic core of the campus will embody this vision and achieve this mission: *"To build for the University a collaborative and interdisciplinary community that nurtures and inspires student-centered learning, creativity, and engagement."* This mission statement has guided decisions about program adjacencies and initial building concepts (see *Plans Completed to Date*, below.) As envisioned, the total project will set a high standard for appealing and accessible space which will strengthen the academic community. The redesign will encourage students to take advantage of the library's varied resources throughout their time on campus. A purpose-built space for public events will enhance library programming and will help meet campus needs for such space in the central campus.

Funding this project will renovate part of the stacks, almost one-third of the space in the existing library. The university is seeking a transformational gift in the new capital campaign to accomplish the rest of the work. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	University Library
Constructed:	1968
Style:	Brutalist
Size:	69,260 sf this project / 232,970 sf total existing building
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$98.8 million

(CONTINUED)

Construction Schedule

The estimated design and construction timeline is 28 months.

Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

In 2009, the University hired a programming consultant to evaluate the existing building and to develop a full program for *Mullins Library* that best serves the academic and strategic goals of the institution. The existing building analysis, detailed programming, preliminary design, and cost projections are complete.

The consultants returned in 2012 to explore the potential of an off site storage facility to free space in the Library for new programs and student use. The study included the feasibility of the off site storage building, space in the library to be renovated first, a second "transformational phase," and future expansion opportunities at both sites. The study was completed in early 2013.

In 2015, the university design of the Library Storage Building, as well as final programming for the space in *Mullins Library* that will be vacated when the storage building is complete.

History of Request

Library reconfiguration, in general, has been needed for many years, and the 1997 expansion was only sufficient to accommodate approximately ten years of University growth. This is the eighth time this project has appeared in the biennium request.

MULLINS LIBRARY/ STACKS

Estimated Project Costs

A.	Building Construction		\$	11,081,000.00
B.	Built-in equipment		\$	350,000.00
C.	Architectural and Engineering Fees		\$	1,665,000.00
D.	Contingencies		\$	2,160,000.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way			
	Surveys & Borings	\$	128,000.00	
	Site Improvements	\$	346,000.00	
	Utilities	\$	17,500.00	
	Parking Lots			
	Telephone/Remote Utility Fees	\$	138,500.00	
	Total Other Costs		\$	630,500.00
F.	Movable Furniture and Equipment		\$	589,000.00
Total Estimated Project Costs			\$	16,475,500.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds		0.00%
Total Funding		\$ 16,475,500.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

9.

AGRICULTURE BUILDING RESTORATION and RENOVATION

Description of Project

The *Agriculture Building* was designed by Jamieson & Spearl of St. Louis, Missouri with H. Ray Burks of Little Rock in the Collegiate Gothic style. The plan of the building is an “I” shape, with one wing longer than the other in anticipation of future addition based on the 1925 Plan. The building is constructed of load-bearing masonry walls faced with Batesville limestone ashlar and Indiana limestone moldings. Significant exterior features include a front entrance with classical aedicule framed by octagonal Gothic towers, pilasters at building corners, crenellated stone parapet, classical cornice, etc. Previous changes to the building included the replacement of all of the original steel windows in the early 1990's, the addition of a glass skywalk connecting to the Plant Sciences Building in 1978, and minor mechanical systems renovations in the early 1990's.

While structurally intact, the *Agriculture Building* requires full modernization of its mechanical, electrical, and plumbing systems, as well as complete repair of the building envelope, including replacement of the inappropriate windows installed 25 years ago. New windows that meet the profile and fenestration patterns of the original will be evaluated for installation, per the Secretary of the Interior's Standards for Restoration. The *Agriculture Building* is a Landmark contributing building to the University of Arkansas Campus Historic District, listed on the National Register of Historic Places in 2009. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Constructed:	1927
Style:	Collegiate Gothic
Size:	52,415 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$37.27 million

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the third time this project has appeared in the biennium request.

AGRICULTURE BUILDING

Estimated Project Costs

A.	Building Construction		\$	12,315,000.00
B.	Built-in equipment		\$	421,000.00
C.	Architectural and Engineering Fees		\$	2,340,000.00
D.	Contingencies		\$	2,563,900.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	97,000.00	
	Site Improvements	\$	850,000.00	
	Utilities	\$	13,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	525,000.00	
	Total Other Costs		\$	1,485,500.00
F.	Movable Furniture and Equipment		\$	875,000.00
Total Estimated Project Costs			\$	20,000,400.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 20,000,400.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

10.

GENERAL ACCESS CLASSROOM AND OFFICE BUILDING NEW CONSTRUCTION

Description of Project

The *General Access Classroom and Office Building* will help meet the increased demand for instructional space created by the growth of the student body over the last ten years. The site of this building next to Old Main is well situated to serve as general access classroom space shared among a number of adjacent colleges, including the Fulbright College, College of Education and Health Professions, and Bumpers College. The building will also provide a number of faculty offices, a need directly tied, again, to the growth of the student body. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Constructing a new building in this location will require the removal of the School of Social Work, formerly used by chemistry, law, and the psychology and geology departments. While this building is one of the oldest remaining buildings on campus (completed in 1905), it is awkwardly situated, extremely small, inefficient, and has been badly modified over time. Since the building has comparably little historical importance, and because the site could be much more efficiently used, it is recommended that the School of Social Work be demolished following complete historic recordation.

Pertinent Data

Historic Name:	N/A
Constructed:	New
Style:	Collegiate Gothic
Size:	50,000 sf
Current Use:	N/A
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	N/A

Construction Schedule

The estimated design and construction timeline is 28 months. Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the first time this project has appeared in the biennium request.

GENERAL ACCESS CLASSROOM AND OFFICE BUILDING

Estimated Project Costs

A.	Building Construction		\$	24,100,000.00
B.	Built-in equipment		\$	1,066,000.00
C.	Architectural and Engineering Fees		\$	3,479,000.00
D.	Contingencies		\$	4,932,000.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	92,500.00	
	Site Improvements	\$	800,000.00	
	Utilities	\$	600,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	500,000.00	
	Total Other Costs		\$	1,993,000.00
F.	Movable Furniture and Equipment		\$	1,430,000.00
Total Estimated Project Costs			\$	37,000,000.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 37,000,000.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

11.

RESEARCH CENTER at ARTP NEW CONSTRUCTION

Description of Project

This request for a *Research Center at ARTP* is precipitated by the growing limitations of the Engineering Research Center, a building that was originally purchased to provide individual research lab spaces for the College of Engineering. Since that time, the Arkansas Research and Technology Park has grown up around the building, creating a new context of cross-discipline collaboration and research partnerships with the private sector. The location of the building is ideal, but the interior arrangement of the sprawling, one-story building limits collaboration, and makes appropriate laboratory layouts impossible to achieve. These conditions create the need for new facilities to benefit students and faculty in the College of Engineering, as well as the university at large.

The new building will help the university expand its faculty and its research capabilities. The campus requires new research labs for individual investigators, multi-user research labs that foster collaboration across various colleges and units, and teaching labs used specifically to train students. *Research Center at ARTP* will help fill this gap, and is envisioned as part of the larger build-out of ARTP. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	N/A
Constructed:	New
Style:	N/A
Size:	75,000 sf
Current Use:	N/A
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	N/A

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning September 2019.

Plans Completed to Date

None.

History of Request

This is the second time this project has appeared in the biennium request.

RESEARCH CENTER at ARTP

Estimated Project Costs

A.	Building Construction		\$	18,000,000.00
B.	Built-in equipment		\$	689,000.00
C.	Architectural and Engineering Fees		\$	3,192,000.00
D.	Contingencies		\$	4,000,000.00
E.	Other Costs			
	Advertising	\$		500.00
	Land & Right-of-Way	\$		-
	Surveys & Borings	\$		150,000.00
	Site Improvements	\$		1,837,500.00
	Utilities	\$		75,000.00
	Parking Lots	\$		-
	Telephone/Remote Utility Fees	\$		750,000.00
	Total Other Costs		\$	2,813,000.00
F.	Movable Furniture and Equipment		\$	1,640,000.00
Total Estimated Project Costs			\$	30,334,000.00

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	\$	-	0.00%
B.	Federal Funds	\$	-	0.00%
C.	Private Gifts/Grants	\$	-	0.00%
D.	Bond Proceeds	\$	-	0.00%
E.	Auxiliary Funds	\$	-	0.00%
F.	Other Funds	\$	-	0.00%
Total Funding			\$ 30,334,000.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

12. NANOSCALE MATERIAL SCIENCE AND ENGINEERING BUILDING / NORTH AND SOUTH WINGS NEW CONSTRUCTION (ADDITION)

Description of Project

The *Nanoscale Material Science and Engineering Building* provides standard and specialized wet/dry laboratories, offices, and support functions for the College of Engineering; the J. William Fulbright College of Arts & Sciences; and the Dale Bumpers College of Agricultural, Food, and Life Sciences. The building was fully commissioned and achieved LEED Gold certification.

The building was designed to expand with two wings surrounding an courtyard. This request is for construction of those additions. The new building wings will include similar uses, such as standard and specialized wet/dry laboratories, clean room(s), offices, and support spaces. The facility is envisioned as a highly flexible structure that can readily accommodate programmatic change. The foundation structure, at certain locations, will have the ability to isolate sensitive imaging equipment from outside vibration. The facility will have high-speed network access to the National LambdaRail optical research backbone. Many of the labs will have large, open spaces in the middle with overhead service carriers to facilitate the easy placement of future instrumentation. Most of the built-in laboratory furniture will be flexible. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	N/A
Constructed:	2011
Style:	N/A
Size:	65,200 sf this project / 41,770 sf existing building
Current Use:	N/A
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	N/A

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning January 2019.

Plans Completed to Date

A grant to NIH was prepared in 2009, which included preliminary programming and conceptual design for this project. No further study is anticipated until funding is obtained and a design team is hired.

History of Request

This is the second time this project has appeared in the biennium request.

NANOSCALE MATERIAL SCIENCE AND ENGINEERING BUILDING

Estimated Project Costs

A.	Building Construction		\$	34,162,500.00
B.	Built-in equipment		\$	2,946,000.00
C.	Architectural and Engineering Fees		\$	7,593,000.00
D.	Contingencies		\$	7,100,000.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way			
	Surveys & Borings	\$	123,000.00	
	Site Improvements	\$	1,483,000.00	
	Utilities	\$	200,000.00	
	Parking Lots			
	Telephone/Remote Utility Fees	\$	618,000.00	
	Total Other Costs		\$	2,424,500.00
F.	Movable Furniture and Equipment		\$	3,559,000.00
Total Estimated Project Costs			\$	57,785,000.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds		0.00%
Total Funding		\$ 57,785,000.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

13.

WEST AVENUE ANNEX RENOVATION

Description of Project

West Avenue Annex lies just east of the campus in downtown Fayetteville. The building was constructed in 1928 and housed a linen service. The building was donated to the university in April 1957 by the Fayetteville Chamber of Commerce. Since that time, it has housed varying uses, including the General Extension Department, Industrial Engineering, and the Archeological Survey, among others.

The building currently houses offices for several groups that do not have permanent space on the main campus. In 2012, the university commissioned a programming and code study to determine how to use the space more efficiently, and what renovations would be necessary to bring life safety and other building systems into conformance with current codes. Funding this request would allow the university to complete the total renovation of the building, including new building systems and life safety improvements. The building will become a home for service units that do not need a direct presence in the central campus, thus freeing up space for academic uses. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	Levi Strauss
Constructed:	1928
Style:	Mission Revival
Size:	25,370 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$9.4 million

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning January 2019.

Plans Completed to Date

A programming study has been completed. No further study is anticipated until funding is obtained and a design team is hired.

History of Request

This is the second time this project has appeared in the biennium request.

WEST AVENUE ANNEX

Estimated Project Costs

A.	Building Construction		\$	3,577,500.00
B.	Built-in equipment		\$	316,000.00
C.	Architectural and Engineering Fees		\$	813,800.00
D.	Contingencies		\$	776,500.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	44,122.00	
	Site Improvements	\$	316,000.00	
	Utilities	\$	83,475.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	133,757.00	
	Total Other Costs		\$	577,854.00
F.	Movable Furniture and Equipment		\$	226,575.00
Total Estimated Project Costs			\$	6,288,229.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds		0.00%
Total Funding		\$ 6,288,229.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

14.

KIMPEL HALL / OFFICE TOWER RENOVATION

Description of Project

Kimpel Hall is composed of two wings: a four-story classroom block connected at the elevators to a seven-story office tower. Originally called the Communications Center, the building was renamed in 1983 for Ben Drew Kimpel. Originally from Fort Smith, Kimpel was educated at Harvard University and at UNC Chapel Hill. He was professor of English at the University of Arkansas from 1952 to 1983, and was a widely respected scholar and linguist.

Kimpel Hall houses the departments of Communications, Drama, English, Foreign Languages, and Journalism. It is the most populated classroom building on campus, with 29,000 scheduled credit hours per semester. After over 40 years of heavy use, the building's systems, finishes, furnishings, and technology are in great need of refurbishment. In response, the University began to renovate the building in 2009 as funds became available. To date, two auditoria, the drama workroom, a black box theater, and 32 classrooms have been renovated using facility renewal and stewardship funds.

Funding this request would allow the university to complete the total renovation of the office tower, including asbestos abatement and modernization of the offices and public spaces. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

Pertinent Data

Historic Name:	Communications Center
Constructed:	1972, renamed 1983
Style:	Late Modernist
Size:	134,245 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$52.7 million

Construction Schedule

The estimated design and construction timeline is 28 months.
Estimated project costs factor construction beginning January 2019.

Plans Completed to Date

None.

History of Request

This is the first time this project has appeared in the biennium request.

KIMPEL HALL / OFFICE TOWER

Estimated Project Costs

A.	Building Construction		\$ 6,100,000.00
B.	Built-in equipment		\$ 146,000.00
C.	Architectural and Engineering Fees		\$ 992,000.00
D.	Contingencies		\$ 1,185,000.00
E.	Other Costs		
	Advertising	\$ 500.00	
	Land & Right-of-Way	\$ -	
	Surveys & Borings	\$ 112,000.00	
	Site Improvements		
	Utilities	\$ 15,500.00	
	Parking Lots	\$ -	
	Telephone/Remote Utility Fees	\$ 400,000.00	
	Total Other Costs		\$ 528,000.00
F.	Movable Furniture and Equipment		\$ 442,000.00
Total Estimated Project Costs			\$ 9,393,000.00

Project Funding Sources

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ -	0.00%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
Total Funding		\$ 9,393,000.00	0.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.