

# CAPITAL FUNDING REQUEST

for the 2019 to 2021 BIENNIUM



UNIVERSITY OF ARKANSAS

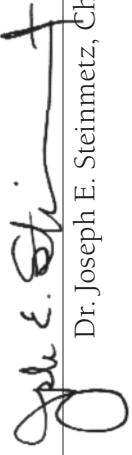
March 1, 2018

**INSTITUTIONAL PRIORITY RANKING  
of 2019-2021 HIGHER EDUCATION BOND CAPITAL REQUESTS**

**University of Arkansas, Fayetteville**



Rank	Project Name	Category	Total Cost	Other Funds	Total State Funding Requested
1	STUDENT SUCCESS CENTER	New	\$ 45,000,000	\$ 5,000,000	\$ 40,000,000
2	RESEARCH LABORATORY AND OFFICE BUILDING	New	\$ 51,300,000	-	\$ 51,300,000
3	FINE ARTS CENTER	Restoration	\$ 30,000,000	\$ 10,000,000	\$ 20,000,000
4	HUMAN ENVIRONMENTAL SCIENCES BUILDING	Restoration/Reno	\$ 11,300,000	-	\$ 11,300,000
5	BUSINESS BUILDING	Renovation	\$ 23,200,000	-	\$ 23,200,000
6	KIMPEL HALL / OFFICE TOWER	Renovation	\$ 10,000,000	-	\$ 10,000,000
7	MEMORIAL HALL	Restoration/Reno	\$ 20,500,000	-	\$ 20,500,000
8	AGRICULTURE BUILDING	Restoration/Reno	\$ 21,600,000	-	\$ 21,600,000
9	JOHN A WHITE JR ENGINEERING HALL	Restoration/Reno	\$ 22,600,000	-	\$ 22,600,000
10	RESEARCH CENTER at ARTP	New	\$ 32,800,000	-	\$ 32,800,000
<b>Total</b>			<b>\$ 268,300,000</b>	<b>\$ 15,000,000</b>	<b>\$ 253,300,000</b>

  
Dr. Joseph E. Steinmetz, Chancellor

# 1.

## **STUDENT SUCCESS CENTER NEW CONSTRUCTION**

### **Description of Project**

This project will create a home for the *Student Success Center*, a new university program which has a mission to maximize the success of students, especially first-generation Arkansans and Arkansas transfer students, starting with pre-enrollment and the transition to the university, through semester-to-semester retention, on-time graduation, and ending with their transition to careers or further postsecondary education. The center will create a dedicated space for student and faculty interaction outside of the classroom, for personal mentoring, tutoring, and guidance, and a welcoming home base for students to study and collaborate. The building will physically and functionally unify existing core student success operations, making the full college experience more navigable for students. The goal of the Student Success Center is to improve academic retention, graduation, and post-graduate success. The building will be prominently located in the heart of campus, just north of Old Main, so that it is easily accessible to students and faculty throughout the day. 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 and law—following a complete historic recordation. The building is one of the oldest remaining buildings on campus (completed in 1906), but it is small, inefficient, in very poor condition, and impractical to make compliant with current life safety codes due to its layout.

### **Pertinent Data**

Historic Name:	N/A
Constructed:	New
Style:	Collegiate Gothic
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 35 months.  
 Estimated project costs factor construction beginning February 2019.

### **Plans Completed to Date**

None.

### **History of Request**

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

**STUDENT SUCCESS CENTER**

**Estimated Project Costs**

A.	Building Construction		\$	29,320,000.00
B.	Built-in equipment		\$	1,136,150.00
C.	Architectural and Engineering Fees		\$	3,670,119.00
D.	Contingencies		\$	4,820,604.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	202,255.00	
	Site Improvements	\$	1,657,000.00	
	Utilities	\$	550,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	1,655,619.00	
	Total Other Costs		\$	4,065,374.00
F.	Movable Furniture and Equipment		\$	1,987,753.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>45,000,000.00</b>

**Project Funding Sources**

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ 5,000,000.00	11.11%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
<b>Total Funding</b>		<b>\$ 45,000,000.00</b>	<b>11.11%</b>

Describe commitments or funds already collected to finance this project:

\$5 million of the targeted private gift amount has been received.

# 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 fifteen 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 the Bumpers College and nearby to several other colleges, such as the Fulbright Colleges of Arts and Sciences, all of which could benefit 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:	65,000 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 32 months.  
 Estimated project costs factor construction beginning February 2020.

### Plans Completed to Date

None.

### History of Request

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

**RESEARCH LABORATORY AND OFFICE BUILDING**

**Estimated Project Costs**

A.	Building Construction		\$	26,974,000.00
B.	Built-in equipment		\$	1,007,500.00
C.	Architectural and Engineering Fees		\$	5,455,852.00
D.	Contingencies		\$	6,565,948.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	120,250.00	
	Site Improvements	\$	1,592,500.00	
	Utilities	\$	4,465,000.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	1,763,825.00	
	Total Other Costs		\$	7,942,075.00
F.	Movable Furniture and Equipment		\$	3,354,625.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>51,300,000.00</b>

**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%
<b>Total Funding</b>		<b>\$ 51,300,000.00</b>	<b>0.00%</b>

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

When the *Fine Arts Center* was completed in 1951, it was the first multidisciplinary academic arts building in the country. It brought together fine and applied arts, architecture, dance, music, sculpture, painting, and drama into a single home, emphasizing their innate connection. The center was the first Modernist academic building on the university campus, and was designed by well-known New York architect Edward Durell Stone. Stone grew up in Fayetteville, and his family’s strong ties to the region and other prominent local families such as the Fulbrights led him to a series of projects on campus, including Sigma Nu, the Fine Arts Center, and Carlson Terrace (now demolished). Stone enlisted his colleague at the Yale University School of Architecture, Christopher Tunnard, to design the center’s landscape, which was conceived as integral to the design and function of the building. The building was arranged as a series of blocks connected by a glassy lobby, which allowed views between the various outdoor spaces. Together, the building and the landscape are a definitive expression of the International Style, and *both* are now listed on the National Register of Historic Places as Landmark contributing elements of the University of Arkansas Campus Historic District, created in 2009.

This project will include the full interior and exterior renovation of the building. The building envelope, including the original steel windows, and important public spaces like the lobby will be restored to their historic condition, while other spaces will be sensitively renovated to better accommodate current use. The classroom wing, which now houses studios for the School of Art, will be reorganized for general-use classrooms as the studios are moved out of the center of campus. The concert hall and theater blocks will be renovated to address acoustical, lighting, and mechanical problems, lack of back-of-house space, and other issues identified in a 2017 study to bring them into line with contemporary best practices. The landscape will be restored based on Tunnard’s original design, while making sensitive improvements for maintainability and ADA access. The project will be fully commissioned and constructed to the equivalent of LEED Silver or Green Globes Two Globes.

### Pertinent Data

Historic Name:	Fine Arts Building
Constructed:	1951
Style:	International Style
Size:	81,041 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$51.7 million

NARRATIVE

(CONTINUED)

**Construction Schedule**

The estimated design and construction timeline is 33 months.  
Estimated project costs factor construction beginning May 2020.

**Plans Completed to Date**

None.

**History of Request**

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



**FINE ARTS CENTER**

**Estimated Project Costs**

A.	Building Construction		\$	18,880,000.00
B.	Built-in equipment		\$	870,000.00
C.	Architectural and Engineering Fees		\$	3,090,000.00
D.	Contingencies		\$	3,849,500.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	135,000.00	
	Site Improvements	\$	525,000.00	
	Utilities	-		
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	880,000.00	
	Total Other Costs		\$	1,540,500.00
F.	Movable Furniture and Equipment		\$	1,770,000.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>30,000,000.00</b>

**Project Funding Sources**

	Source of Funds	Amount	Percent of Costs
A.	State Funds	\$ -	0.00%
B.	Federal Funds	\$ -	0.00%
C.	Private Gifts/Grants	\$ 10,000,000.00	33.33%
D.	Bond Proceeds	\$ -	0.00%
E.	Auxiliary Funds	\$ -	0.00%
F.	Other Funds	\$ -	0.00%
<b>Total Funding</b>		<b>\$ 30,000,000.00</b>	<b>33.33%</b>

Describe commitments or funds already collected to finance this project:

A private gift of \$10 million has been received.

# 4.

## **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, offices, 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* was listed on the National Register of Historic Places in 1992, and is a Landmark contributing building to the University of Arkansas Campus Historic District, created 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 \$26.4 million

### **Construction Schedule**

The estimated design and construction timeline is 17 months.  
 Estimated project costs factor construction beginning November 2019.

### **Plans Completed to Date**

None.

### **History of Request**

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

**HUMAN ENVIRONMENTAL SCIENCES BUILDING**

**Estimated Project Costs**

A.	Building Construction		\$	6,679,000.00
B.	Built-in equipment		\$	442,483.00
C.	Architectural and Engineering Fees		\$	1,343,529.00
D.	Contingencies		\$	1,372,258.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	61,780.00	
	Site Improvements	\$	540,900.00	
	Utilities	\$	8,350.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	216,200.00	
	Total Other Costs		\$	827,730.00
F.	Movable Furniture and Equipment		\$	635,000.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>11,300,000.00</b>

**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%
<b>Total Funding</b>		<b>\$ 11,300,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

# 5.

## **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 more than 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. 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:	116,000 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$42.9 million

### **Construction Schedule**

The estimated design and construction timeline is 28 months.  
Estimated project costs factor construction beginning January 2020.

### **Plans Completed to Date**

None.

### **History of Request**

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

**BUSINESS BUILDING**

**Estimated Project Costs**

A.	Building Construction		\$	16,200,000.00
B.	Built-in equipment		\$	-
C.	Architectural and Engineering Fees		\$	2,328,500.00
D.	Contingencies		\$	3,043,800.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	213,900.00	
	Site Improvements	\$	86,700.00	
	Utilities	\$	28,900.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	164,600.00	
	Total Other Costs		\$	494,600.00
F.	Movable Furniture and Equipment		\$	1,133,100.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>23,200,000.00</b>

**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%
<b>Total Funding</b>		<b>\$ 23,200,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

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There are no existing funds available for this project.

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# 6.

## KIMPEL HALL / OFFICE TOWER RENOVATION

### Description of Project

*Kimpel Hall*, originally called the Communications Center, was named in 1983 in honor of Ben Drew Kimpel. Kimpel was raised in Fort Smith, and 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. The building is currently the most populated classroom building on campus with 29,000 scheduled credit hours per semester. It houses the departments of Communications, Drama, English, Foreign Languages, and Journalism.

Kimpel Hall is composed of two wings: a four-story classroom block connected at the elevators to a seven-story office tower. Currently, the entire classroom block is being renovated and a large studio is being added for the School of Journalism and Strategic Media. In addition, the exterior of the entire building is being renovated, including replacement of all windows with energy efficient windows. That project will eliminate 40 years of deferred maintenance as well as introduce ADA-accessible restrooms to the building for the first time. Funding this request would allow the university to complete the total interior renovation of the office tower, which would remove all remaining asbestos, upgrade the tower's mechanical and electrical systems, and create more efficient faculty work areas. 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:	61,000 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$28 million

### Construction Schedule

The estimated design and construction timeline is 22 months.  
 Estimated project costs factor construction beginning July 2019.

### Plans Completed to Date

None.

### History of Request

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

**KIMPEL HALL / OFFICE TOWER**

**Estimated Project Costs**

A.	Building Construction		\$	6,588,540.00
B.	Built-in equipment		\$	488,000.00
C.	Architectural and Engineering Fees		\$	1,062,500.00
D.	Contingencies		\$	1,209,297.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way			
	Surveys & Borings	\$	112,860.00	
	Site Improvements	\$	-	
	Utilities	\$	15,251.00	
	Parking Lots			
	Telephone/Remote Utility Fees	\$	56,352.00	
	Total Other Costs		\$	184,963.00
F.	Movable Furniture and Equipment		\$	466,700.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>10,000,000.00</b>

**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%
<b>Total Funding</b>		<b>\$ 10,000,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

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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 for the Psychology program, African and African American Studies, and Air Force ROTC.

*Memorial Hall* was listed on the National Register of Historic Places in 1992, and 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 (ANCRC), 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 \$47.3 million



NARRATIVE

(CONTINUED)

**Construction Schedule**

The estimated design and construction timeline is 28 months.  
Estimated project costs factor construction beginning July 2020.

**Plans Completed to Date**

None.

**History of Request**

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

**MEMORIAL HALL**

**Estimated Project Costs**

A.	Building Construction		\$	12,188,800.00
B.	Built-in equipment		\$	896,235.00
C.	Architectural and Engineering Fees		\$	2,259,622.00
D.	Contingencies		\$	2,543,127.00
E.	Other Costs			
	Advertising	\$		500.00
	Land & Right-of-Way			
	Surveys & Borings	\$		110,500.00
	Site Improvements	\$		967,900.00
	Utilities	\$		14,937.00
	Parking Lots			
	Telephone/Remote Utility Fees	\$		366,419.00
	Total Other Costs		\$	1,460,256.00
F.	Movable Furniture and Equipment		\$	1,151,960.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>20,500,000.00</b>

**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%
<b>Total Funding</b>			<b>\$ 20,500,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

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There are no existing funds available for this project.

# 8.

## **AGRICULTURE BUILDING** RESTORATION and RENOVATION

### **Description of Project**

The 1927 *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 (other than the roof, which was recently replaced), including replacement of the inappropriate windows installed over 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* was listed on the National Register of Historic Places in 1992, and is a Landmark contributing building to the University of Arkansas Campus Historic District, created 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:	52,400 sf
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$41.5 million

### **Construction Schedule**

The estimated design and construction timeline is 32 months.  
 Estimated project costs factor construction beginning January 2020.

### **Plans Completed to Date**

None.

### **History of Request**

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

**AGRICULTURE BUILDING**

**Estimated Project Costs**

A.	Building Construction		\$	13,365,825.00
B.	Built-in equipment		\$	695,000.00
C.	Architectural and Engineering Fees		\$	2,463,100.00
D.	Contingencies		\$	2,726,385.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way	\$	-	
	Surveys & Borings	\$	96,970.00	
	Site Improvements	\$	849,120.00	
	Utilities	\$	13,100.00	
	Parking Lots	\$	-	
	Telephone/Remote Utility Fees	\$	325,000.00	
	Total Other Costs		\$	1,284,690.00
F.	Movable Furniture and Equipment		\$	1,065,000.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>21,600,000.00</b>

**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%
<b>Total Funding</b>		<b>\$ 21,600,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

# 9.

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

### **Description of Project**

*White Engineering Hall*, built in 1927, is part of the Collegiate Gothic architecture built at the university from 1925-1940. 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 now listed on the National Register of Historic Places as a Landmark contributing building of 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 part 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:	58,500 sf restoration + 11,270 sf addition
Current Use:	Education and General
Proposed Use:	Education and General
% Auxiliary:	None
Replacement Costs:	Estimated at \$46.3 million

### **Construction Schedule**

The estimated design and construction timeline is 27 months.  
 Estimated project costs factor construction beginning November 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 seventh time this project has appeared in the biennium request.

**JOHN A WHITE JR ENGINEERING HALL**

**Estimated Project Costs**

A.	Building Construction		\$	12,159,900.00
B.	Built-in equipment		\$	1,224,600.00
C.	Architectural and Engineering Fees		\$	2,395,570.00
D.	Contingencies		\$	2,878,455.00
E.	Other Costs			
	Advertising	\$	500.00	
	Land & Right-of-Way			
	Surveys & Borings	\$	113,425.00	
	Site Improvements	\$	1,125,000.00	
	Utilities	\$	721,300.00	
	Parking Lots			
	Telephone/Remote Utility Fees	\$	565,000.00	
	Total Other Costs		\$	2,525,225.00
F.	Movable Furniture and Equipment		\$	1,416,250.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>22,600,000.00</b>

**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%
<b>Total Funding</b>		<b>\$ 22,600,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

# 10. 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:	70,000 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 32 months. Estimated project costs factor construction beginning February 2020.

## Plans Completed to Date

None.

## History of Request

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

**RESEARCH CENTER at ARTP**

**Estimated Project Costs**

A.	Building Construction		\$	19,575,000.00
B.	Built-in equipment		\$	1,162,500.00
C.	Architectural and Engineering Fees		\$	3,254,211.00
D.	Contingencies		\$	4,320,414.00
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	\$		272,750.00
	Total Other Costs		\$	2,335,750.00
F.	Movable Furniture and Equipment		\$	2,152,125.00
<b>Total Estimated Project Costs</b>			<b>\$</b>	<b>32,800,000.00</b>

**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%
<b>Total Funding</b>			<b>\$ 32,800,000.00</b>	<b>0.00%</b>

Describe commitments or funds already collected to finance this project:

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There are no existing funds available for this project.