CAPITAL FUNDING REQUEST

for the 2007 to 2009 BIENNIUM

UNIVERSITY OF ARKANSAS

April 20, 2006

INSTITUTIONAL PRIORITY RANKING
of 2007-2009 CAPITAL REQUESTS

University of Arkansas, Fayetteville

Rank	Project Name	Category	Total Cost	Other Funds	Total State Funding Requested
1	**NANOTECH1 : NANOTECHNOLOGY RESEARCH CENTER**	New	$ 61,264,250.00	$ -	$ 61,264,250.00
2	**NATIONAL LAMBDARAIL NETWORK UPGRADE**	Other: Technology	$ 2,855,654.00	$ -	$ 2,855,654.00
3	**PLANT SCIENCES 2**	New/Demo	$ 26,978,300.00	$ -	$ 26,978,300.00
4	**COLLEGE OF EDUCATION AND HEALTH PROFESSIONS**	New/Demo	$ 20,246,000.00	$ -	$ 20,246,000.00
5	**BIOTECH1 : BIOTECHNOLOGY RESEARCH CENTER**	New	$ 69,169,200.00	$ -	$ 69,169,200.00
6	**MULLINS LIBRARY with HONORS COLLEGE**	Reno/Add/New	$ 78,836,400.00	$ -	$ 78,836,400.00
7	**VOL WALKER HALL**	Rest/Reno/Add	$ 26,219,300.00	$ -	$ 26,219,300.00
8	**OZARK HALL**	Rest/Reno/Add	$ 25,145,400.00	$ -	$ 25,145,400.00
9	**PEABODY HALL**	Rest/Reno	$ 6,840,800.00	$ -	$ 6,840,800.00
10	**DAVIS HALL**	Rest/Reno	$ 3,422,400.00	$ -	$ 3,422,400.00
11	**ENGINEERING HALL**	Rest/Reno/Add	$ 13,523,700.00	$ -	$ 13,523,700.00
12	**CENTER FOR ADVANCED TECHNOLOGY DEVELOPMENT**	New	$ 19,234,300.00	$ -	$ 19,234,300.00
	Total		**$ 353,735,704.00**	**$ -**	**$ 353,735,704.00**

John A. White, Chancellor

1. NANOTECH1 : NANOTECHNOLOGY RESEARCH CENTER

NEW CONSTRUCTION

Description of Project
The *Nanotechnology Research Center* will include clean and non-clean laboratories, offices, and support functions for the Colleges of Engineering, Arts and Sciences, and Agriculture. The facility is envisioned as a highly flexible structure that can readily accommodate programmatic change. To the extent possible and practical, modular and pre-fabricated building systems and components that support rapid interior space reconfiguration will be used. The facility will incorporate sustainable design features, such as under-floor mechanical HVAC distribution. The building will house a state-of-the-art imaging facility for high-resolution electron microscopy, manipulation, and fabrication of materials at the atomic level. 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. This center is planned as the first component of a two-phased program, the second of which is a Biotechnology Research Center of similar scope (see request in this document.)

Pertinent Data

Size:	125,000 sf
Proposed Use:	Research laboratories, offices, and support functions
% Auxiliary:	None

Construction Schedule
The estimated design and construction timeline is 4 years.

Plans Completed to Date
None.

History of Request
A request for $16 million was part of the 2005 College Savings Bond Program request, which was defeated by Arkansas voters. This is the first time this project has appeared in the biennium request.

NANOTECH1 : NANOTECHNOLOGY RESEARCH CENTER

Estimated Project Costs

A.	Building Construction			$	33,600,000.00
B.	Built-in Equipment			$	1,171,300.00
C.	Architectural and Engineering Fees			$	5,500,000.00
D.	Contingencies			$	9,323,500.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	137,500.00		
	Site Improvements	$	2,637,500.00		
	Utilities	$	2,005,000.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	3,307,750.00		
	Total Other Costs			$	8,088,250.00
F.	Movable Furniture and Equipment			$	3,581,200.00
	Total Estimated Project Costs			**$**	**61,264,250.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	61,264,250.00	100.00%
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	**$**	**61,264,250.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

2. NATIONAL LAMBDARAIL NETWORK UPGRADE

OTHER : TECHNOLOGY

Description of Project
National LambdaRail, Inc. (NLR) is a major initiative of U.S. research universities and private sector technology companies to provide a national scale infrastructure for research and experimentation in networking technologies and applications. NLR puts the control, the power and the promise of experimental network infrastructure in the hands of our nation's scientists and researchers. (Visit http://www.nlr.net for more information.)

On February 20, 2006 NLR announced that it has completed deployment of a nationwide advanced optical, Ethernet and IP networking infrastructure on more than 10,000 miles of fiber optic cable across the United States. The NLR website states that "NLR provides researchers unprecedented control over a nationwide network infrastructure with up to 40 individual lightpaths—each of which can transmit data at 10 gigabits per second and be used to deploy dedicated side-by-side, but physically and operationally separate, production and experimental networks. The infrastructure is the result of over three years of work and nearly $100 million in funding by members."

"The fully operational National LambdaRail infrastructure marks an unprecedented milestone for the U.S. research community," said Tracy Futhey, NLR Board Chair. "For the first time, a nationwide networking infrastructure is owned and operated by the research and education community, giving scientists flexible access to advanced networking capabilities and enabling experiments and collaborations across geographic barriers."

This request includes the required upgrades to campus core, edge, and high performance workgroup network equipment to support distribution of the National LambdaRail connection to University of Arkansas research facilities—ensuring that University of Arkansas researchers will be able to take advantage of the services and capabilities available to all connected national scientific and networking research communities.

Construction Schedule
Construction is anticipated to begin on July 1, 2007 and will be completed within that fiscal year.

History of Request
No previous requests have been made.

NATIONAL LAMBDARAIL NETWORK UPGRADE

Estimated Project Costs

A.	Building Construction		
B.	Built-in equipment		
C.	Architectural and Engineering Fees		
D.	Contingencies		$ 259,605.00
E.	Other Costs		
	Advertising		
	Land & Right-of-Way		
	Surveys & Borings		
	Site Improvements		
	Utilities		
	Parking Lots		
	Telephone/Remote Utility Fees		
	Total Other Costs		$ -
F.	Network Equipment		$ 2,596,049.00
	Total Estimated Project Costs		**$ 2,855,654.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	2,855,654.00	100.00%
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	**$**	**2,855,654.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

3. PLANT SCIENCES 2

NEW CONSTRUCTION and demolition

Description of Project
All of the plant-related departments in the Dale Bumpers College of Agricultural, Food and Life Sciences, and the Division of Agriculture are seriously constrained for laboratory, office and classroom space. All but one of these four units are housed in up to four different locations, which seriously reduces program cohesiveness. In addition, a number of faculty and staff in these units are housed at the Research and Extension Center nearly two miles from campus, while others are housed in the Agricultural Annex, which is one of the oldest buildings on campus and cannot meet modern program requirements.

When the Plant Science building was completed in 1977, it was supposed to be only the first phase of much larger facility that was envisioned to house all of the associated programs in the plant sciences. Though the completion of the Rosen Center in 1995 marginally improved this gap, an estimated 60,000 square feet of new space is essential to meet the immediate critical needs of these programs.

Constructing a new facility in this location will require the removal of the Agricultural Annex, formerly used by both agriculture and home economics and as the student infirmary. The building is now a secondary space for the Dale Bumpers School, though it does not lend itself well to either classroom or laboratory use. The Agricultural Annex is one of the oldest remaining buildings on campus (completed in 1905), but it is both small (14,492 sf) and inefficient. Taking into account that the site could be much more efficiently developed and the building has comparably little historical importance, it is recommended that the Agricultural Annex be demolished and replaced, following complete recordation in accordance with US Department of the Interior standards.

Pertinent Data

Size:	59,500 sf (3.5 stories at 17,000 sf per floor)
Proposed Use:	General Education
% Auxiliary:	None

Construction Schedule
The estimated design and construction timeline is 2.5 years.

Plans Completed to Date
None.

History of Request
No previous requests have been made.

PLANT SCIENCES 2

Estimated Project Costs

A.	Building Construction			$	16,362,500.00
B.	Built-in equipment			$	610,000.00
C.	Architectural and Engineering Fees			$	2,505,800.00
D.	Contingencies			$	3,162,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	65,700.00		
	Site Improvements	$	900,000.00		
	Utilities	$	529,700.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	1,345,700.00		
	Total Other Costs			$	2,841,600.00
F.	Movable Furniture and Equipment			$	1,496,400.00
	Total Estimated Project Costs			**$**	**26,978,300.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	26,978,300.00	100.00%
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	**$**	**26,978,300.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

4. COLLEGE OF EDUCATION AND HEALTH PROFESSIONS

NEW CONSTRUCTION and demolition

Description of Project
This new building would house instructional and research programs, outreach, and service components for the College of Education and Health Professions. Programs would include the Eleanor Mann School of Nursing, the Speech Communications Program, and the Speech and Hearing Clinic. The *College of Education and Health Professions* is the fastest-growing college at the University, but it does not currently have access to classrooms that seat more than 50 students—even though the nursing classes already exceed 60 students.

The site identified is close to Peabody Hall and the Graduate Education building, a proximity that is particularly important as the College of Education and Health Professions expands its mission. The new facilities would replace those currently in use, some of which have been cited as inadequate and inaccessible by accrediting bodies, e.g. National Council for the Accreditation of Teacher Education and the Council on Academic Accreditation in Audiology and Speech-Language Pathology. In fact, the Nursing program is presently confined to inadequate space in Ozark Hall (see request in this document), which cannot adequately serve the more than 500 students in its degree programs, and the college's Speech Communication program is currently located in an old house that does not comply with ADA requirements.

Constructing a new facility in this location will require the removal of the Academic Support Building, formerly used by chemistry, law, 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 (12,475 sf), and has been badly modified over time. Indeed, the most significant feature—the figural gable parapet—has been removed and replaced with a simple gable and eave, sheathed with siding. Since the building has comparably little historical importance, and because the site could be much more efficiently used, it is recommended that the building be demolished and replaced, following complete recordation in accordance with US Department of the Interior standards.

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Pertinent Data

Size:	46,500 sf (2 floors + walkout level at 15,500 sf each)
Proposed Use:	College of Education and Health Professions academic programs
% Auxiliary:	None

Construction Schedule
The estimated design and construction timeline is 2.5 years.

Plans Completed to Date
No architectural plans have been completed. The College of Education and Health Professions has completed a space needs assessment for both nursing and speech communications programs.

History of Request
The College of Education and Health Professions has listed funding for a new classroom building as a priority for over twelve years. This project was included in the 1999-2001, 2001-2003, and 2005-2007 requests.

COLLEGE OF EDUCATION AND HEALTH PROFESSIONS

Estimated Project Costs

A.	Building Construction			$	12,322,500.00
B.	Built-in equipment			$	592,000.00
C.	Architectural and Engineering Fees			$	1,741,500.00
D.	Contingencies			$	3,178,700.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	51,500.00		
	Site Improvements	$	700,000.00		
	Utilities	$	187,300.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	667,000.00		
	Total Other Costs			$	1,606,300.00
F.	Movable Furniture and Equipment			$	805,000.00
	Total Estimated Project Costs			**$**	**20,246,000.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	20,246,000.00	100.00%
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	**$**	**20,246,000.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

5. BIOTECH1 : BIOTECHNOLOGY RESEARCH CENTER

NEW CONSTRUCTION

Description of Project
The *Biotechnology Research Center* will include modern molecular biology and biochemisty laboratories, offices, and support functions for the Colleges of Engineering, Arts & Sciences, and Agriculture. The facility is envisioned as a highly flexible structure that can readily accommodate programmatic change. To the extent possible and practical, modular and pre-fabricated building systems and components that support rapid interior space reconfiguration will be used. The facility will incorporate sustainable design features, such as under-floor mechanical HVAC distribution. The facility will have high-speed network access to the National LambdaRail optical research backbone and to terascale computing facilities on the University of Arkansas campus. This center is planned as the second component of a two-phased program, the first of which is a Nanotechnology Research Center of similar scope (see request in this document.)

Pertinent Data

Size:	125,000 sf
Proposed Use:	Research laboratories, offices, and support functions
% Auxiliary:	None

Construction Schedule
The estimated design and construction timeline is 4 years.

Plans Completed to Date
None.

History of Request
No previous requests have been made.

BIOTECH1 : BIOTECHNOLOGY RESEARCH CENTER

Estimated Project Costs

A.	Building Construction			$	37,488,500.00
B.	Built-in equipment			$	1,347,000.00
C.	Architectural and Engineering Fees			$	6,255,000.00
D.	Contingencies			$	12,720,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	159,500.00		
	Site Improvements	$	3,059,500.00		
	Utilities	$	615,000.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	3,835,200.00		
	Total Other Costs			$	7,669,700.00
F.	Movable Furniture and Equipment			$	3,689,000.00
	Total Estimated Project Costs			**$**	**69,169,200.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	69,169,200.00	100.00%
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	**$**	**69,169,200.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

6.

MULLINS LIBRARY with HONORS COLLEGE
ADDITION, RENOVATION, and NEW CONSTRUCTION

Description of Project
Mullins Library opened in 1968 in a building just west of Vol Walker Hall, the original home of the University library. Its construction was part of an expansion of the campus that occurred in the late sixties, which moved the focus of the University away from Old Main. The building was later named 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 227,000 sf is scheduled to be remodeled in this phase of construction.

The Library and the Honors College are central elements of the University's vision for academic excellence. Together, they are proposing a building expansion in the academic core of the campus that will embody this vision and will leverage the resources and prestige of both organizations.

An addition to the west side of Mullins Library will reflect the library's large and growing role in the university's teaching and student support missions and its emerging partnership with the Honors College. This signature space will provide for student computer access, additional public seating, specialized rooms for teaching and group learning, staff offices and work areas, additional space for Special Collections (which has grown several fold in the last decade), the Pryor Center for Arkansas Oral and Visual History, and the University Archives (formally established in 2006), and will house the Honors College. All spaces in the new addition would be fully wired with fiber-optic technology and outfitted with electronic interface equipment to allow for broad-band multi-media transmission. Additionally, all areas would have Wi-Fi access for general applications requiring less dedicated bandwidth. An important need is a student study area that is accessible 24 hours a day, which can be isolated from the remainder of the building for security reasons.

Incorporating the Honors College into this project will give the College an imposing presence in the academic core of the campus, and will provide Honors Students with "one-stop-shop" access to Honors College staff who are presently scattered among four buildings. This facility will define an appealing and accessible space in which to strengthen community among Honors students and will encourage high-ability students to take advantage of the Library's resources from their earliest days on campus. Shared access to areas in the expanded Mullins Library appropriate for instruction and public events will reduce the overall size requirements of an Honors College facility. It is likely, however, that the total amount of square footage required will necessitate moving some Library functions to another facility, as limited space is available on the Central Quad.

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Pertinent Data	
Constructed:	1968
Style:	Brutalist
Size:	227,000 sf existing to be renovated + 146,000 sf new construction for Mullins and 30,800 sf new for Honors
Current Use:	Library
Proposed Use:	Library uses, including training rooms, computer access areas, staff offices, work areas, shelving, and public seating; Honors College uses, including offices, commons study/ meeting lounge, reception area, storage and work rooms, 15-20 person seminar room
% Auxiliary:	None
Replacement Costs:	Estimated at $80 million

Construction Schedule
The estimated design and construction timeline is 4 years.

Plans Completed to Date
None.

History of Request
Library expansion in general has been needed for many years, and the 1997 expansion was only sufficient to accommodate approximately ten years of University growth. This project, therefore, has been included in the 2003-2005 and 2005-2007 requests. No previous requests have been made for the Honors College.

MULLINS LIBRARY with HONORS COLLEGE

Estimated Project Costs

A.	Building Construction			$	46,590,000.00
B.	Built-in equipment			$	2,575,000.00
C.	Architectural and Engineering Fees			$	6,920,000.00
D.	Contingencies			$	12,325,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	690,000.00		
	Site Improvements	$	3,155,900.00		
	Utilities	$	373,000.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	2,640,000.00		
	Total Other Costs			$	6,859,400.00
F.	Movable Furniture and Equipment			$	3,567,000.00
	Total Estimated Project Costs			**$**	**78,836,400.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	78,836,400.00	100.00%
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	**$**	**78,836,400.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

7. VOL WALKER HALL
RESTORATION, RENOVATION, and ADDITION

Description of Project
Vol Walker Hall was constructed in 1935 with funds from the Public Works Administration, and was listed on the National Register of Historic Places in 1992. The building is constructed of reinforced masonry and Batesville limestone ashlar with Bedford white limestone moldings. The building placement and style were directed by the 1925 masterplan. The Georgian/Classical Revival building was originally used as the University Library, and also housed the museum and the office of the President before being consigned to the School of Architecture upon completion of Mullins Library in 1968.

While a quite expensive structure to renovate, *Vol Walker Hall* is a pivotal building in the history of the University because of its high quality of craftsmanship, materials, and style. In 2003, the process of cleaning and repointing the exterior stonework began, along with making the building compliant with current fire and life safety codes. That work, plus an office addition on top of the north and south sides, was completed this year. Even with this work, however, the building proposes many challenges—including a lack of acoustical privacy in faculty and administrative offices; forced separation of administrative offices; serious heating, ventilating and air conditioning problems; poor acoustics in most of the public review spaces; asbestos throughout the building; and wiring that is inadequate for current educational demands and computer networks. In addition, the former library stacks (encumbered by very low ceilings and structural columns six feet on center in both directions) provide little functional space.

A renovated and expanded *Vol Walker Hall* will bring architecture and landscape architecture programs together in a single facility for the first time in the school's history, fostering increased collaboration between the disciplines while allowing both programs to grow. In addition, with the improved conditions, the school will be able to expand its outreach mission, to introduce graduate programs to the curriculum, to promote interdisciplinary education and research opportunities, and to facilitate collaborations with other professionals in the building industry.

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Pertinent Data

Constructed:	1935
Style:	Georgian/Classical Revival
Size:	43,800 sf existing to be renovated; 10,000 sf replaced (stacks to be demolished and replaced with 4 floors within building shell); 20,000 sf addition to west side (4 floors at 5,000 sf each)
Current Use:	General Education
Proposed Use:	General Education, including classrooms, offices, design studios, laboratories/workshops, exhibition spaces, media center
% Auxiliary:	None
Replacement Costs:	Estimated at $21.9 million

Construction Schedule
The estimated design and construction timeline is 3 years.

Plans Completed to Date
Recent work solved the fire egress problems in the east side of Vol Walker Hall, which was funded by the Arkansas Natural and Cultural Resources Council. A prior grant by ANCRC has funded the exterior restoration of the stone cladding and the roof.

History of Request
The School of Architecture has made a request for new or renovated facilities for over twelve years. Vol Walker Hall has been included in the 1999-2001, 2001-2003, 2003-2005, and 2005-2007 requests.

VOL WALKER HALL

Estimated Project Costs

A.	Building Construction			$	15,650,000.00
B.	Built-in equipment			$	1,400,000.00
C.	Architectural and Engineering Fees			$	2,330,000.00
D.	Contingencies			$	4,125,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	135,000.00		
	Site Improvements	$	765,000.00		
	Utilities	$	73,800.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	570,000.00		
	Total Other Costs			$	1,544,300.00
F.	Movable Furniture and Equipment			$	1,170,000.00
	Total Estimated Project Costs			**$**	**26,219,300.00**

Project Funding Sources

	Source of Funds		**Amount**	**Percent of Costs**
A.	State Funds	$	26,219,300.00	100.00%
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	**$**	**26,219,300.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

8. OZARK HALL (Old Business Administration Building)

RESTORATION, RENOVATION, and ADDITION

Description of Project
Ozark Hall was constructed in 1940 with funds from the Public Works Administration and the Federal Government, and was listed on the National Register of Historic Places in 1992. The Collegiate Gothic building historically housed Business Administration, Mathematics, and Buildings and Grounds, and is constructed of reinforced masonry and Batesville limestone ashlar with Bedford white limestone moldings. The building placement and style were directed by the 1925 masterplan, though the actual orientation of the north-south wing is reversed from what was initially proposed.

While structurally intact, *Ozark Hall* requires modernization of its mechanical, electrical, and plumbing systems. The original steel windows were replaced in 1992 with frames that, though energy-efficient, detract from the historic character of the building. In order to restore the historic appearance of this important campus building, new windows that meet the profile and fenestration patterns of the original should be evaluated for installation.

Many departments currently located in *Ozark Hall* will be relocated with the completion of other projects. With this change taking place, this would be an excellent time to embark on a total building renovation that would include a lecture hall addition to complete the south wing. It is anticipated that two 300-seat classrooms could be accommodated, as well as additional faculty offices.

Pertinent Data

Constructed:	1940 and 1947
Style:	Collegiate Gothic
Size:	68,266 sf exist'g + 17,370 sf new (3 floors at 5790 sf)
Current Use:	Classroom, instruction, laboratory, and office
Proposed Use:	Classroom, instruction, laboratory, and office
% Auxiliary:	None
Replacement Costs:	Estimated at $29.7 million

Construction Schedule
The estimated design and construction timeline is 3 years.

Plans Completed to Date
None.

History of Request
This project was included in the 2005-2007 request, but without the proposed lecture hall addition.

OZARK HALL (Old Business Administration Building)

Estimated Project Costs

A.	Building Construction			$	14,000,000.00
B.	Built-in equipment			$	1,758,300.00
C.	Architectural and Engineering Fees			$	2,290,000.00
D.	Contingencies			$	3,849,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	158,500.00		
	Site Improvements	$	877,900.00		
	Utilities	$	85,600.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	1,052,000.00		
	Total Other Costs			$	2,174,500.00
F.	Movable Furniture and Equipment			$	1,073,600.00
	Total Estimated Project Costs			**$**	**25,145,400.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	25,145,400.00	100.00%
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	**$**	**25,145,400.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

9. PEABODY HALL
RESTORATION and RENOVATION

Description of Project
Peabody Hall was constructed in 1911 of brick bearing walls with limestone moldings as part of the first phase of building at the University of Arkansas. It is similar in style to Carnall Hall, and is a part of the ensemble of red-brick buildings (along with Carnall Hall and Old Main) surrounding the north part of the Lawn. The main building entry, facing Old Main Lawn, has a notable aedicular frame with carved garlands and a cartouche with "Peabody" inscribed. Construction was funded by the Peabody Fund, a foundation for the improvement of public education in the South, for a total budget of $40,000. A restoration and renovation project, based on preliminary drawings, would include four large classrooms, a computer lab, conference room, and offices for 24 faculty, the department head, 10 support personnel, and 12 graduate assistants of the Department of Curriculum and Instruction. This department provides the University's teacher education program—serving the needs of over 500 students. New plumbing and mechanical systems, restrooms, stairwells, and elevator will bring the building into compliance with current life safety and accessibility codes. Also included is general weatherproofing and abatement of a recurring mold problem that is contributing to the deterioration of the historic building.

An important symbol for the College of Education and Health Professions as well as an important historical university building, *Peabody Hall* should be preserved. Restoration of the façade, including stripping off the white paint, would also help to revitalize this part of campus.

Pertinent Data

Constructed:	1911
Style:	Colonial Revival / Mission
Size:	27,229 sf
Current Use:	General Education
Proposed Use:	General Education
% Auxiliary:	None
Replacement Costs:	Estimated at $8.85 million

Construction Schedule
The estimated design and construction timeline is 2 years.

Plans Completed to Date
Preliminary space planning has been completed.

History of Request
The College of Education and Health Professions has listed this renovation as a priority for over 12 years. This project was included in the 1993-1995 and 2005-2007 requests.

PEABODY HALL

Estimated Project Costs

A.	Building Construction			$	3,757,600.00
B.	Built-in equipment			$	411,000.00
C.	Architectural and Engineering Fees			$	630,000.00
D.	Contingencies			$	815,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	50,400.00		
	Site Improvements	$	449,300.00		
	Utilities	$	95,300.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	321,000.00		
	Total Other Costs			$	916,500.00
F.	Movable Furniture and Equipment			$	310,700.00
	Total Estimated Project Costs			**$**	**6,840,800.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	6,840,800.00	100.00%
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	**$**	**6,840,800.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

10. DAVIS HALL
RESTORATION and RENOVATION

Description of Project
Originally used as women's housing and later as a sorority house, *Davis Hall* was constructed of buff brick bearing walls with wood moldings and a wood portico with Doric columns. The building was named in honor of Mary Ann Davis, the first Dean of Women at the University, and is part of the Colonial Revival architecture built at the University in the 1940's. Flanked by similar structures (Holcombe Hall and University House), *Davis Hall* has a significant place within a larger group of stylistically coherent buildings—and has well-crafted classical detailing throughout. Wood dormers have been stripped of the original wood cornice and siding, and have been covered with a synthetic siding, but most of the original detail is intact. With the law programs moving into new facilities, now is an excellent time to fully restore and renovate this building, which is situated at major campus intersection.

Pertinent Data

Constructed:	1942
Style:	Colonial Revival
Size:	13,572 sf
Current Use:	Law Programs Center (since 1995)
Proposed Use:	Staff Offices
% Auxiliary:	None
Replacement Costs:	Estimated at $4.4 million

Davis Hall had poor scores in most of the 2002 Facilities Condition Assessment areas.

Construction Schedule
The estimated design and construction timeline is 1.5 years.

Plans Completed to Date
None.

History of Request
No previous requests have been made.

DAVIS HALL

Estimated Project Costs

A.	Building Construction			$	1,872,900.00
B.	Built-in equipment			$	215,000.00
C.	Architectural and Engineering Fees			$	310,000.00
D.	Contingencies			$	400,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	25,000.00		
	Site Improvements	$	190,000.00		
	Utilities	$	47,500.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	210,000.00		
	Total Other Costs			$	473,000.00
F.	Movable Furniture and Equipment			$	151,500.00
	Total Estimated Project Costs			**$**	**3,422,400.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	3,422,400.00	100.00%
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	**$**	**3,422,400.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

11. ENGINEERING HALL
RESTORATION, RENOVATION, and ADDITION

Description of Project
Engineering Hall is part of the Collegiate Gothic architecture built at the UA from 1925-1940, and was listed on the National Register of Historic Places in 1992. Designed by Jamieson & Spearl, architects of the 1925 masterplan, the building embodies their vision for a dignified campus, tied to the long traditions of Oxford and Cambridge. The building is constructed of reinforced masonry and Batesville limestone ashlar with Bedford white limestone moldings. With one of the most well-designed facades of any of the 1920's campus buildings, including a rusticated plinth, Doric pilasters, and cartouches with the University seal, its high historical and architectural value calls for restoration. In particular, the inappropriate windows installed in an attempt to upgrade the building should be evaluated for replacement with historically-correct steel casement windows that meet current energy requirements.

The planned construction of additional engineering facilities across Dickson Street will necessitate reconfigured pedestrian crossings to increase safety. The new building(s) and crossings will refocus attention on the south façade of *Engineering Hall*, which is currently used mainly for loading and deliveries. Also contributing to this façade will be an addition to complete the missing west wing of the building, which could include a 200-seat classroom and departmental offices.

Pertinent Data

Constructed:	1927 with 1950 matching addition
Style:	Collegiate Gothic / Classical Revival
Size:	58,511 sf + 11,265 sf addition (3755 sf on 3 floors)
Current Use:	General Education for College of Engineering
Proposed Use:	General Education for College of Engineering
% Auxiliary:	None
Replacement Costs:	Estimated at $25.5 million

Construction Schedule
The estimated design and construction timeline is 3 years.

Plans Completed to Date
None.

History of Request
No previous requests have been made.

ENGINEERING HALL

Estimated Project Costs

A.	Building Construction			$	7,148,500.00
B.	Built-in equipment			$	1,133,000.00
C.	Architectural and Engineering Fees			$	1,073,000.00
D.	Contingencies			$	1,638,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	123,000.00		
	Site Improvements	$	1,214,000.00		
	Utilities	$	66,700.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	517,000.00		
	Total Other Costs			$	1,921,200.00
F.	Movable Furniture and Equipment			$	610,000.00
	Total Estimated Project Costs			**$**	**13,523,700.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	13,523,700.00	100.00%
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	**$**	**13,523,700.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

12. CENTER FOR ADVANCED TECHNOLOGY DEVELOPMENT
at ARKANSAS RESEARCH AND TECHNOLOGY PARK
NEW CONSTRUCTION

Description of Project
Arkansas Research and Technology Park (ARTP) is a University-owned science and technology development located near the main campus, which is managed by the University of Arkansas Technology Development Foundation. The Park is being developed to serve as a dynamic environment for innovation: a place where university research can be translated into commercial products and services. To ensure that ARTP achieves its goals, a strong research and development infrastructure must be developed to provide technology-intensive companies access to leading edge research investigators and facilities. At present, ARTP consists of the Engineering Research Center, GENESIS Technology Incubator, High Density Electronic Center (HiDEC), and the Innovation Center.

The University nurtures virtual companies by providing a modest amount of space on campus in which these small companies can do proof of research. A number of these groups have now demonstrated that their technologies are commercially relevant, and they are ready to relocate to research centers. There are almost no wet labs available, however, in either the public or private sector. This paucity of modern laboratory space is inhibiting the continued growth and commercialization of these technologies. If suitable space is not found locally, then the intellectual capital will move away from the University of Arkansas and the region, which will effect the long-term economic health of the area.

To sustain the momentum and overcome the deficit, the proposed *Center for Advanced Technology Development* will add wet labs, analytical labs, and office space for research and development in the areas of nanoscience, electronics, photonics, and food safety to the offerings that already exist at ARTP. The wet labs will be provided with direct ventilation and specialized piping of utilities. Similarly, the analytical laboratories will incorporate systems for accurate temperature and humidity control, dust control, and clean power. The addition of these facilities will assure that the University will continue to generate spillovers of knowledge that translate into new commercial products and services, which is vital to the economic outlook for Arkansas.

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Pertinent Data

Size:	66,000 sf (3 floors at 22,000 sf each)
Proposed Use:	Laboratories and offices
% Auxiliary:	None

Construction Schedule
The estimated design and construction timeline is 2 years.

Plans Completed to Date
A strategic analysis and physical masterplan have been completed for ARTP, and a utility and civil infrastructure masterplan is underway. In addition, several companies that have expressed interest in locating at ARTP have been polled to gain understanding of their needs, which is reflected in this request. In addition, plans are underway to install roads, landscaping, signs, and other infrastructure with $1.1 million in funds from the Small Business Administration. The University of Arkansas Technology Development Foundation is also working with the City of Fayetteville, the State, and Region to apply for additional off-site infrastructure funds through the Economic Development Administration's public works program.

History of Request
No previous requests have been made.

CENTER FOR ADVANCED TECHNOLOGY DEVELOPMENT

Estimated Project Costs

A.	Building Construction			$	13,444,400.00
B.	Built-in equipment			$	636,700.00
C.	Architectural and Engineering Fees			$	1,414,200.00
D.	Contingencies			$	2,172,900.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	70,900.00		
	Site Improvements	$	972,900.00		
	Utilities	$	64,500.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	200,000.00		
	Total Other Costs			$	1,308,800.00
F.	Movable Furniture and Equipment			$	257,300.00
	Total Estimated Project Costs			**$**	**19,234,300.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	19,234,300.00	100.00%
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	**$**	**19,234,300.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

9. HONORS COLLEGE
NEW CONSTRUCTION

Description of Project
The *Honors College* at the University of Arkansas provides exceptional opportunities for outstanding undergraduates to enhance their educational experiences and academic performances. The *Honors College* was created by a $200 million dollar gift from the Walton Family Charitable Support Foundation with the goal that an honors education would be available in every college. Hence, the College serves as an umbrella organization, providing coordination of honors efforts among the colleges and additional scholarship and service opportunities for participating students.

The *Honors College* serves all undergraduate majors, with 1762 students currently enrolled. Honors students enjoy small classes, priority registration, special housing, increased interaction with faculty, and enhanced opportunities for hands-on research. The current Honors offices and lounge are scattered among four buildings, including in the Administration Building near the Chancellor's Suite—a location that is apart from student activity centers.

New quarters for the *Honors College* will emphasize the importance of academic achievement at the University of Arkansas by making the program highly visible. In addition, this building will provide Honors students with "one-stop-shop" access to College staff, while strengthening community by promoting student interaction for both study and relaxation. This facility could either be built as a stand-alone structure or incorporated within another building project.

Pertinent Data

Size:	30,000 sf on 3 floors
Proposed Use:	Offices, commons study/meeting lounge, reception area, storage and work rooms, 15-20 person seminar room
% Auxiliary:	None

Construction Schedule
The estimated design and construction timeline is 1.5 years.

Plans Completed to Date
None.

History of Request
No previous requests have been made.

HONORS COLLEGE

Estimated Project Costs

A.	Building Construction			$	6,750,000.00
B.	Built-in equipment			$	382,500.00
C.	Architectural and Engineering Fees			$	975,000.00
D.	Contingencies			$	1,740,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	33,000.00		
	Site Improvements	$	453,000.00		
	Utilities	$	30,000.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	475,000.00		
	Total Other Costs			$	991,500.00
F.	Movable Furniture and Equipment			$	375,000.00
	Total Estimated Project Costs			**$**	**11,214,000.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	11,214,000.00	100.00%
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	**$**	**11,214,000.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.

10. MULLINS LIBRARY
ADDITION and RENOVATION

Description of Project
Mullins Library opened in 1968 in a building just west of Vol Walker Hall, the original home of the University library. Its construction was part of an expansion of the campus that occurred in the late sixties, which moved the focus of the University away from Old Main. The building was later named 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 227,000 sf is scheduled to be remodeled in this phase of construction.

As the University grows, *Mullins Library* has a correspondingly larger role in the university's teaching and student support missions. The anticipated addition to the west facade will provide for student computer access, additional public seating, specialized rooms for teaching and group learning, staff offices, and work areas—while improving the appearance and image of the Library on the Central Quad. All spaces in the new addition would be fully wired with fiber-optic technology and outfitted with electronic interface equipment to allow for broad-band multi-media transmission. Additionally, all areas would have Wi-Fi access for general applications requiring less dedicated bandwidth. A study area that can be accessed by students 24/7 is also planned, though it will be isolated from the remainder of the building for security reasons. Renovated space will support a more team-oriented approach to services, e.g., humanities cluster, social sciences cluster, science cluster, etc.

Additional program elements may include:
- small group rooms (2-4 persons) for collaborative work and videoconferencing
- general workstations (1-3 persons) for collaborative work and study
- individual workstations for accessing the Library's electronic resources—some staffed and equipped with scanners, color plotters, and printers for student use
- training/seminar/videoconferencing rooms for 30-40 persons
- service desk and reception area
- staff offices, work spaces, and equipment workroom
- climate-controlled server room
- satellite downlink capability
- 200+ seat auditorium with associated reception and catering areas
- lounge and conference rooms
- additional and reconfigured space for Special Collections
- digital laboratory and office space for creating digital content and expanding the Library's digital preservation efforts

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Pertinent Data

Constructed:	1968
Style:	Brutalist
Size:	227,000 sf existing to be renovated + 63,000 sf new construction (41,250 sf on 3 floors above grade + 21,750 sf basement)
Current Use:	Library
Proposed Use:	Library uses, including training rooms, computer access areas, staff offices, work areas, shelving, and public seating
% Auxiliary:	None
Replacement Costs:	Estimated at $80 million

Construction Schedule
The estimated design and construction timeline is 3 years.

Plans Completed to Date
None.

History of Request
Library expansion in general has been needed for many years, and the 1997 expansion was only sufficient to accommodate approximately ten years of University growth. This project, therefore, has been included in the 2003-2005 and 2005-2007 requests.

MULLINS LIBRARY

Estimated Project Costs

A.	Building Construction			$	21,000,000.00
B.	Built-in equipment			$	982,000.00
C.	Architectural and Engineering Fees			$	3,076,000.00
D.	Contingencies			$	5,467,000.00
E.	Other Costs				
	Advertising	$	500.00		
	Land & Right-of-Way	$	-		
	Surveys & Borings	$	536,500.00		
	Site Improvements	$	1,125,000.00		
	Utilities	$	290,000.00		
	Parking Lots	$	-		
	Telephone/Remote Utility Fees	$	1,050,000.00		
	Total Other Costs			$	3,002,000.00
F.	Movable Furniture and Equipment			$	1,590,000.00
	Total Estimated Project Costs			**$**	**35,117,000.00**

Project Funding Sources

	Source of Funds		Amount	Percent of Costs
A.	State Funds	$	35,117,000.00	100.00%
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	**$**	**35,117,000.00**	100.00%

Describe commitments or funds already collected to finance this project:

There are no existing funds available for this project.