



AUBURN UNIVERSITY

OFFICE OF THE PRESIDENT

November 5, 2018

MEMORANDUM TO: Board of Trustees

SUBJECT: November 15-16, 2018 Board of Trustees Workshop and Meeting

Enclosed are materials that comprise the proposed agenda for the Thursday, November 15, 2018 and the Friday, November 16, 2018 meetings of the Board of Trustees. Listed below is the tentative schedule, times and locations:

Thursday, November 15, 2018

1:00 p.m. Workshop (Room #16, CMD Conference Room, RBD Library)

Friday, November 16, 2018 (Legacy Ballroom, AU Hotel)

8:30 a.m. Property and Facilities Committee
8:45 a.m. Academic Affairs Committee
9:00 a.m. Institutional Advancement Committee
9:15 a.m. Executive Committee
9:30 a.m. Trustee Reports
9:45 a.m. Regular Meeting of the Board of Trustees **(Legacy Ballroom, AU Hotel)**

(Proposed Executive Session – The Azalea Room, AU Hotel)

We appreciate all that you do for Auburn University and look forward to seeing you on Thursday, November 15, 2018 and Friday, November 16, 2018. Please call me if you have questions regarding the agenda. Also, please let Jon G. Waggoner, Sherri Williams or me know if you need assistance with travel and/or lodging arrangements.

Sincerely,



Steven Leath
President

JGW/smw

Enclosure

c: President's Cabinet (w/encl.)
Mr. Jon G. Waggoner (w/encl.)

**SCHEDULE & AGENDA
AUBURN UNIVERSITY BOARD OF TRUSTEES
NOVEMBER 15-16, 2018
AUBURN UNIVERSITY**

THURSDAY, NOVEMBER 15, 2018

- I. Workshop (Room#16 CMD Conference Room, RBD Library) at 1:00 p.m.

FRIDAY, NOVEMBER 16, 2018

- I. Meetings (Legacy Ballroom, AU Hotel)

(Meetings will begin at 8:30 a.m. - - all other meetings are subject to change in starting time, depending upon the length of individual meetings.)

- A. Property and Facilities Committee/Chairperson Roberts/8:30 a.m.

1. College of Education Building, Project Initiation (Bill Hardgrave)
2. Hood McPherson Building, Real Estate Acquisition (Steven Leath)
3. Status Updates (For Information Only) (Dan King)
 - a. Current Status of New Construction/Renovation/Infrastructure Projects with Budgets of \$1,000,000 and Greater
 - b. Quarterly Report for Projects Costing More than \$500,000 but Less than \$1,000,000 – 4th QTR Fiscal Year 2018
 - c. Project Status Report

- B. Academic Affairs Committee/Chairperson Newton/8:45 a.m.

1. Academic Affairs Committee - Information Items for the Board of Trustees (Bill Hardgrave)

- C. Institutional Advancement Committee/Chairperson Smith/9:00 a.m.

1. Auburn University Portfolio Update (For Information Only) (Jane Parker/Mike McLain/Greg DeSisto)

- D. Executive Committee/Chairperson McCrary/9:15 a.m.

1. Posthumous Awarding of the Bachelor of Science Degree to Courtney Taylor Thomas (Bill Hardgrave)
2. Proposed Awards and Namings (Charles McCrary)

E. Trustee Reports/9:30 a.m.

1. Academic Affairs Committee/Sarah Newton, Chair
2. Agriculture and Natural Resources Committee/Jimmy Sanford, Chair
3. Audit and Compliance Committee/Bob Dumas, Chair
4. AUM Committee/Clark Sahlie, Chair
5. Executive Committee/Charles McCrary, Chair
6. Finance Committee/Raymond Harbert, Chair
7. Governmental Affairs Committee/Jimmy Rane, Chair
8. Institutional Advancement Committee (Development and AU Foundation)/Wayne Smith, Chair
9. Property and Facilities Committee/B.T. Roberts, Chair
10. Research and Technology Committee (Economic Development)/Jim Pratt, Chair
11. Student Affairs Committee/Quentin Riggins, Chair
12. Alumni/Lloyd Austin, Lead Trustee
13. Athletics/Gaines Lanier, Lead Trustee
14. Legal/Elizabeth Huntley, Lead Trustee

II. REGULAR MEETING OF THE BOARD OF TRUSTEES/9:45 A.M.
(Legacy Ballroom, AU Hotel)

(Proposed Executive Session –The Azalea Room, AU Hotel)

(Agenda items are determined primarily based upon committee actions.)

RESOLUTION

APPROVAL OF MINUTES

WHEREAS, copies of the minutes of the Reconvened Meeting on Friday, September 14, 2018 meeting have been distributed to all members of this Board of Trustees for review.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees that the minutes of its Friday, September 14, 2018 meeting minutes are hereby approved as distributed.

RESOLUTION

AWARDING OF DEGREES

WHEREAS, Auburn University confers appropriate degrees upon those individuals who have completed requirements previously approved by this Board of Trustees and stated in University Catalogs.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. That all degrees to be awarded by the faculty of Auburn University and Auburn University at Montgomery at the end of Fall Semester 2018, complying with the requirements heretofore established by the Board of Trustees, be and the same are hereby approved.
2. That a list of the degrees awarded be filed in the Book of Exhibits and made a part of this resolution and of these minutes.

EXECUTIVE SUMMARIES
NOVEMBER 16, 2018

A. Property and Facilities Committee

1. College of Education Building: Approval of Project Initiation

Project Summary: The Provost has proposed the construction of a new College of Education Building, which will enhance the student experience for those in the College by providing up-to-date and modern classrooms, instructional laboratories, and clinical spaces, as well as administrative offices for faculty and staff, and will facilitate the co-location of various departments within the College. The proposed location for the new College of Education Building is on P.O. Davis Drive to the West of the Poultry Science Building. It is anticipated that the project will be financed by a combination of gifts and bond funds.

Requested Action: It is requested that the Board of Trustees adopt a resolution to approve the initiation of the College of Education Building project and authorize the commencement of the project architect selection process.

Previous Approvals: None.

2. Hood McPherson Building: Real Estate Acquisition

Project Summary: The University seeks to purchase the six-story, 44,000 square-foot Hood McPherson Building situated on approximately 0.20 acres of commercial property, located at 2013 4th Avenue N, Birmingham, Alabama. The estimate value of the property is \$1,550,000. The purchase of the Hood McPherson Building would allow Auburn University to establish a permanent presence in Birmingham, an important location to the University since it is home to Auburn's largest donor and alumni base. The Hood McPherson Building could serve as the future home of the Auburn University Urban Studio, as well as address other university needs by providing a dedicated event center and functional office, lecture, and meeting space in Birmingham.

Requested Action: It is requested that the Board of Trustees adopt a resolution to authorize the purchase of 0.20 acres of commercial land and the Hood McPherson Building located at 2013 4th Avenue N, Birmingham, Alabama.

3. Status Updates: *For Information Only*

- a. Current Status of New Construction/Renovation/Infrastructure Projects with Budgets of \$1,000,000 and Greater
- b. Quarterly Report for Projects Costing More than \$500,000 but Less than \$1,000,000 –4th QTR Fiscal Year 2018
- c. Project Status Report

B. Academic Affairs Committee

1. Academic Affairs Committee – Information Items for the Board of Trustees

Time will be allocated for information items to the Board of Trustees through the Academic Affairs Committee that include academic programs approved for implementation by the Provost's Office. While these items do not require formal approval of the Board of Trustees, they are being presented as items of information to be forwarded to the Alabama Commission on Higher Education (ACHE) for appropriate notification, following the Board of Trustees Meeting.

C. Institutional Advancement Committees

1. Auburn University Portfolio Update

Time will be allocated for a presentation to the Institutional Advancement Committee of the Board of Trustees an update from the investment consultant Prime-Buchholz, the firm that provides investment services to Auburn University Foundation, related to the Foundation's and Auburn University's endowments.

D. Executive Committee

1. Posthumous Awarding of the Bachelor of Science Degree Courtney Taylor Thomas (Bill Hardgrave)

The College of Forestry and Wildlife Sciences wishes to award posthumously the Bachelor of Science in Natural Resources Management to Courtney Taylor Thomas. Ms. Thomas passed away on October 22, 2018 before completing the requirements necessary for her degree. Following a careful review of her academic records, the faculty in the College of Forestry and Wildlife Sciences all concur that her academic achievements ensure Ms. Thomas meets the requirements necessary to be awarded a degree posthumously.

2. Proposed Awards and Namings

Time will be allocated for discussion of any proposed awards and namings.

PROPERTY AND FACILITIES COMMITTEE
RESOLUTION
COLLEGE OF EDUCATION BUILDING
APPROVAL OF PROJECT INITIATION AND AUTHORIZATION
TO COMMENCE THE PROJECT ARCHITECT SELECTION PROCESS

WHEREAS, the Provost has proposed the construction of a new College of Education Building; and

WHEREAS, the College is the fifth largest academic unit on campus, in terms of undergraduate students, with an enrollment of over 1,800 students, and it is also the largest graduate school at Auburn University, with an enrollment of roughly 1,000 graduate students; and

WHEREAS, the new College of Education Building will enhance the student experience of those in the College by providing up-to-date and modern classrooms, instructional laboratories, and clinical spaces, as well as administrative offices for faculty and staff, and will also facilitate the co-location of various departments within the College; and

WHEREAS, this project is consistent with the Comprehensive Campus Master Plan in that it will reduce the number of personnel assigned to the Haley Center, a long standing goal for the campus; and

WHEREAS, the proposed location for the new College of Education Building is on P.O. Davis Drive to the West of the Poultry Science Building; and

WHEREAS, it is anticipated this project will be financed by a combination of gift and bond funds; and

WHEREAS, pursuant to the Board of Trustees policy, "D-3, Capital Projects Approval", the initiation of this project must be submitted to the Board, through the Property and Facilities Committee, for approval.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of Auburn University that the initiation of the new College of Education Building project is approved; and Steven Leath, President, or such other person as may be acting as President, be and the same is hereby authorized and empowered to commence the project architect selection process.

TO: STEVEN LEATH, President
THROUGH: RONALD BURGESS, Chief Operating Office
THROUGH: BILL HARDGRAVE, Provost
FROM: DAN KING, Associate Vice President for Facilities
SUBJECT: PROPERTY AND FACILITIES COMMITTEE

**COLLEGE OF EDUCATION FACILITY: APPROVAL OF PROJECT
INITIATION AND AUTHORIZATION TO COMMENCE THE ARCHITECT
SELECTION PROCESS**

DATE: OCTOBER 31, 2018

This is to request that the following item be presented to the Board of Trustees through the Property and Facilities Committee and included on the agenda at the meeting scheduled for November 16, 2018.

Proposal:

Consistent with standing policy, it is proposed that the new College of Education Building project be presented to the Board of Trustees through the Property and Facilities Committee for consideration of appropriate action that will: (1) approve the project initiation; and (2) grant authorization to initiate the selection processes for a project architect.

Review and Consultation:

The Provost proposes to construct a new College of Education Building. The College is the fifth largest academic unit on campus, in terms of undergraduate students, with an enrollment over 1,800 students. It is also the largest graduate school at Auburn University, with an enrollment of roughly 1,000 graduate students. The College is predominantly located in the Haley Center, with additional personnel assigned to six other buildings across campus.

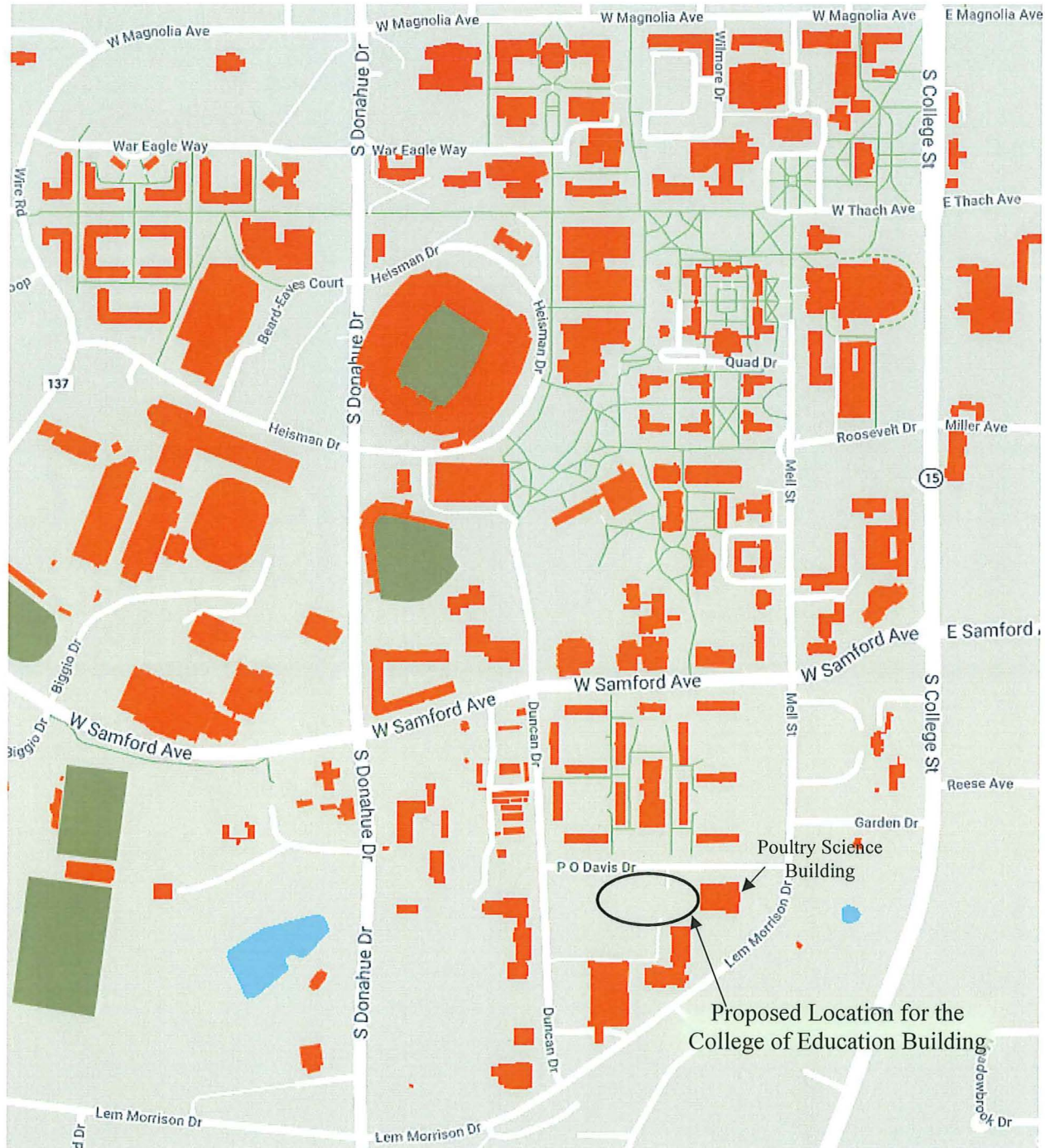
The new College of Education Building will enhance the student experience of those in the College by providing up-to-date and modern classrooms, instructional laboratories, and clinical spaces, as well as administrative offices for faculty and staff. This project will also facilitate the co-location of various departments within the College. The proposed location for the new College of Education Building is on P.O. Davis Drive to the West of the Poultry Science Building. See attachment 1. This project is consistent with the Comprehensive Campus Master Plan in that it will reduce the number of personnel assigned to the Haley Center, a long-standing goal for the campus.

It is anticipated that this project will be financed by a combination of gift and bond funds.

Rationale for Recommendation:

If you concur, it is proposed that a resolution initiating the new College of Education Building project and authorizing the commencement of the project architect selection process, be presented to the Board of Trustees through the Property and Facilities Committee, for appropriate review and action at the meeting scheduled for November 16, 2018.

Attachment 1
College of Education Building Proposed Location
Site Map



PROPERTY AND FACILITIES COMMITTEE

RESOLUTION

REAL ESTATE ACQUISITION

HOOD MCPHERSON BUILDING

WHEREAS, an opportunity exists for the Board of Trustees to consider the purchase of the Hood McPherson Building in downtown Birmingham, Alabama; and

WHEREAS, the six-story, 44,000 square-foot Hood McPherson Building offered for sale is located at 2013 4th Avenue N, Birmingham, Alabama, and includes approximately 0.20 acres of commercial property with an estimated value of \$1,550,000; and

WHEREAS, the purchase of the Hood McPherson Building would allow Auburn University to establish a permanent presence in Birmingham, an important location to the University since it is home to Auburn's largest donor and alumni base; and

WHEREAS, the Hood McPherson Building could serve as the future home of the Auburn University Urban Studio, as well as address other university needs by providing a dedicated event center and functional office, lecture, and meeting space in Birmingham; and

WHEREAS, once purchased, a space utilization and design plan would be developed, along with the required capital project(s) needed to refurbish the building; and

WHEREAS, consistent with the Board of Trustees Real Estate Acquisition policy, two MAI appraisals will be secured and the purchase price will not exceed the appraised value; and

WHEREAS, the purchase of this property is strongly recommended by the Chief Operating Officer, Chief Financial Officer, Director of Real Estate, and the Office of the University Architect.

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Auburn University hereby approves the purchase of the Hood McPherson Building located in Birmingham, Alabama, for a price no greater than the appraised value of the property.

BE IT FURTHER RESOLVED that Steven Leath, President, or such person as may be acting as President, or designee, is hereby authorized to negotiate and execute a contract to purchase the property and other appropriate legal documents necessary to effectuate the acquisition, with such documents reviewed as to form by legal counsel for Auburn University.

TO: STEVEN LEATH, President
THROUGH: RONALD BURGESS, Chief Operating Officer
THROUGH: BILL HARDGRAVE, Provost
THROUGH: DAN KING, Associate Vice President for Facilities
FROM: MARK STIRLING, Director of Real Estate
SUBJECT: PROPERTY AND FACILITIES COMMITTEE
**REAL ESTATE ACQUISITION: HOOD MCPHERSON BUILDING
BIRMINGHAM, ALABAMA**
DATE: OCTOBER 31, 2018

This memorandum requests that the following proposal be presented to the Board of Trustees through the Property and Facilities Committee and be included on the agenda at the meeting scheduled for November 16, 2018.

Proposal:

It is proposed that Auburn University purchase the Hood McPherson Building located in Jefferson County at 2013 4th Avenue N, Birmingham, Alabama. Maps depicting the property appear in Attachments 1, 2, and 3. The property is adjacent to Harbert Center in downtown Birmingham.

Review and Consultation:

An opportunity has arisen for the Board of Trustees to consider the purchase of property in downtown Birmingham, Alabama, for use by Auburn University.

The property offered for sale consists of approximately 0.20 acres of commercial land and the Hood McPherson Building. Constructed in 1911, the six-story, 44,000 square-foot building served Birmingham for more than 100 years as the Hood McPherson Furniture Store.

Birmingham is a critically important city for Auburn University, home to several significant university programs and tens of thousands of university alumni and donors. By purchasing this property, the institution may further establish its presence in Alabama's largest city.

One important Birmingham-based program is the Urban Studio, which has been operated by the College of Architecture, Design, and Construction since 1991. Auburn's Center for Architecture and Urban Studies, known as the Urban Studio, is a teaching and outreach venue for the School of Architecture that exposes students to the challenges facing architects in an urban setting. Students are immersed in the extraordinarily rich "laboratory" of downtown Birmingham, and their work includes professional seminars and studio design projects with emphasis on community development and urban planning. Students live and work in the heart of the city, connecting them with a vibrant professional community and furthering Auburn University's mission of service, economic development and partnership within the City of Birmingham.

For thirty years, however, the Urban Studio has never had a permanent home in downtown Birmingham, instead leasing space to satisfy its needs. All told, the program has moved locations at least four times. It currently resides at 221 North 20th Street on the corner of 3rd Avenue North and 20th Street. By offering a street-side center of operations, this location has enhanced the Urban Studio's presence and ability to partner with the city at a time when Birmingham is experiencing a resurgence. But as downtown re-development accelerates and rental rates continue to rise, locating a permanent home for the Urban Studio has become a priority.

The Hood McPherson Building may serve other important needs. Other than the Urban Studio's current leased space, the university lacks a home in Birmingham to conduct classes and lectures or to host alumni and prospective students. A permanent university building with space for studios, classrooms, offices, meetings and events would allow these activities to be conducted in a location that is uniquely Auburn. Birmingham also is a frequent destination for university faculty and staff, who often conduct their business in rented or borrowed space. The Hood McPherson Building likely would become a hub for these varied university meetings and events.

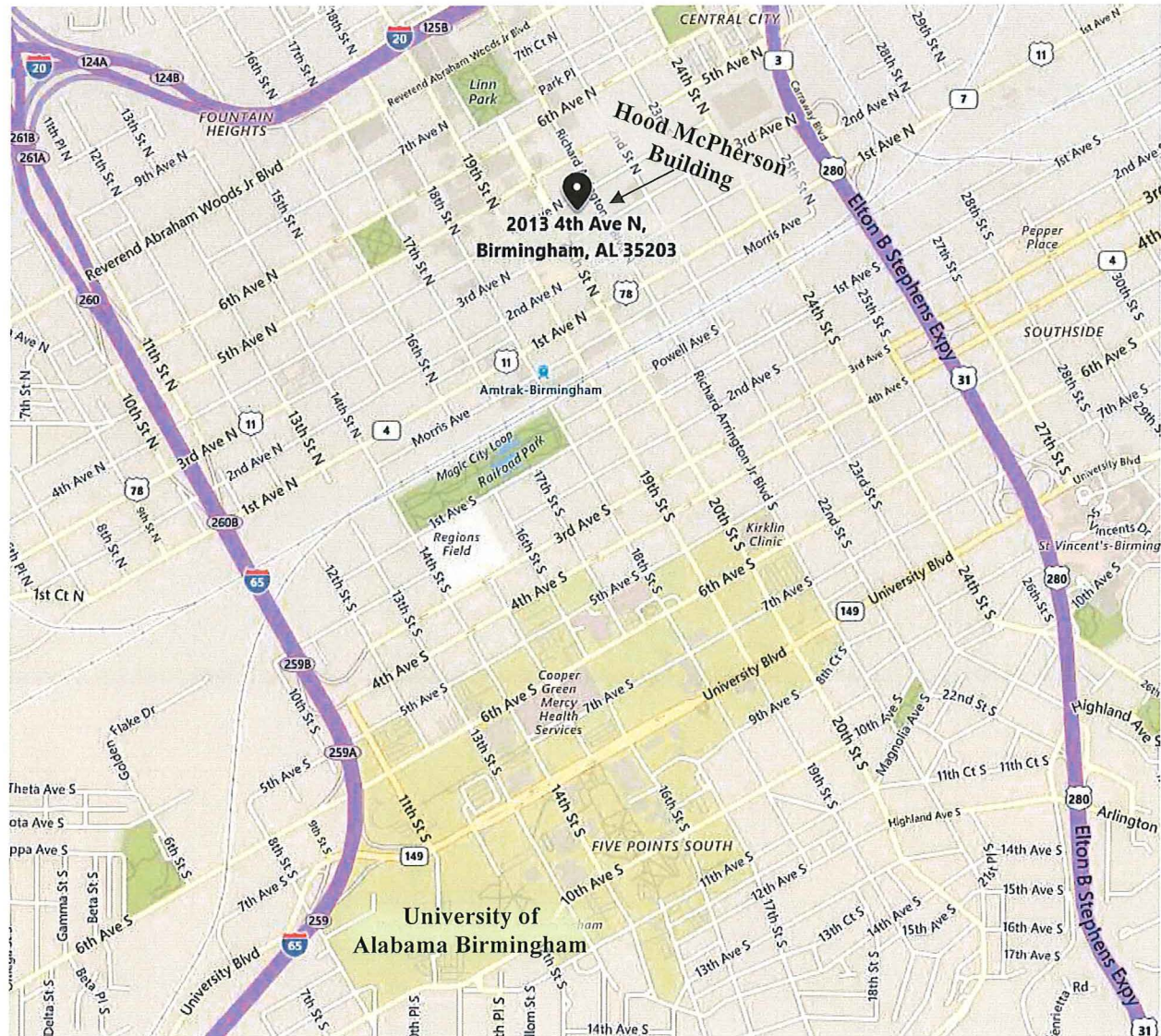
Given how quickly this property became available, no programs have firmly committed to occupying the space. However, desirable properties in this part of Birmingham move quickly, and it is unclear when the next similar opportunity may arise.

It is recommended that the university purchase the Hood McPherson Building and develop a space utilization and design plan for the property. A University capital project would be required to refurbish the building to provide sufficient quality space and to update critical building systems.

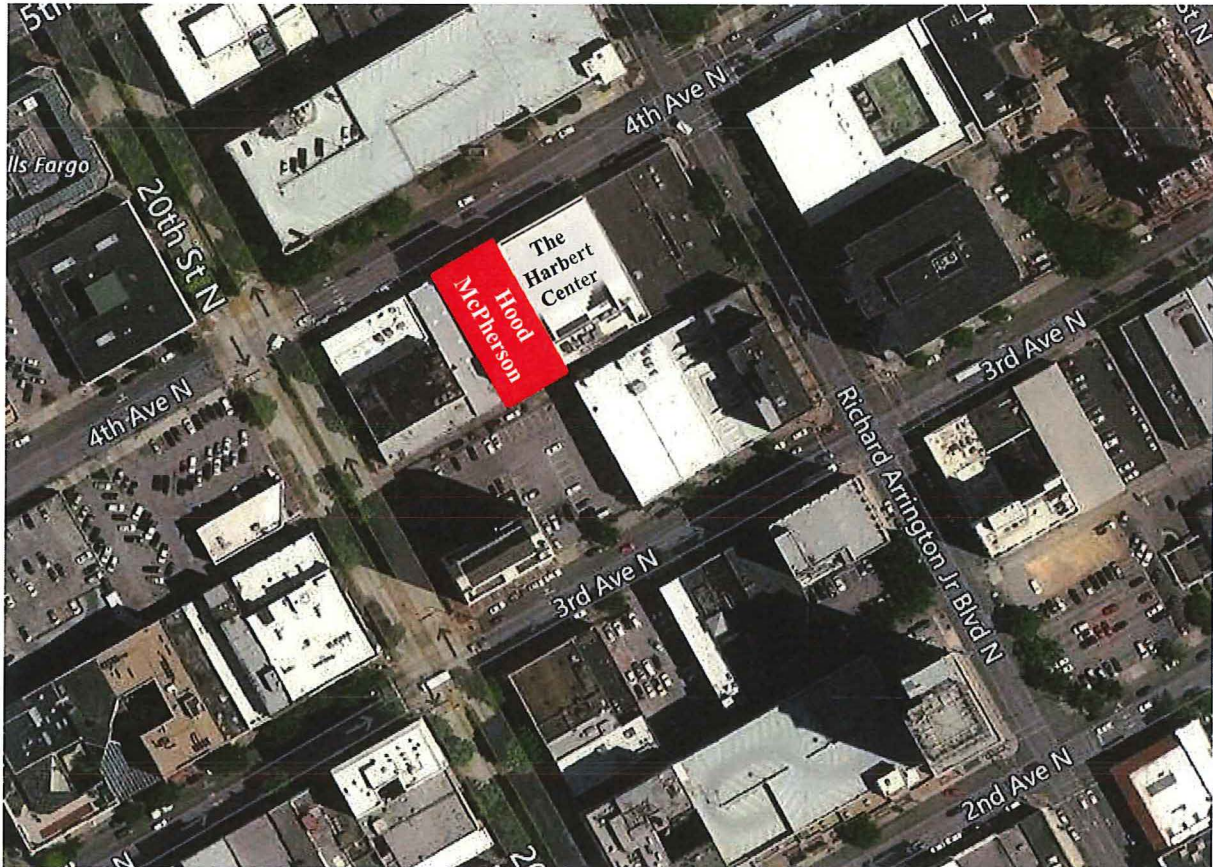
Recommendation:

It is recommended that the Property and Facilities Committee present a resolution approving the purchase of the Hood McPherson Building to the Board of Trustees at the meeting scheduled for November 16, 2018. The proposal for acquisition is recommended by the Provost, Chief Operating Officer, Chief Financial Officer, Director of Real Estate, Director of Real Estate, and the Office of the University Architect.

Attachment 1
Real Estate Acquisition-Hood McPherson Building
City View Map



Attachment 2
Real Estate Acquisition-Hood McPherson Building
Street Diagram



Attachment 3
Real Estate Acquisition-Hood McPherson Building
Exterior Street View



PROPERTY AND FACILITIES COMMITTEE
STATUS UPDATES

Time will be allocated for any questions or conversations concerning the circulated status updates.



FACILITIES MANAGEMENT
M E M O R A N D U M

TO: STEVEN LEATH, President
THROUGH: RONALD BURGESS, Chief Operating Officer
FROM: DAN KING, Associate Vice President for Facilities
SUBJECT: PROPERTY AND FACILITIES COMMITTEE
**CURRENT STATUS OF NEW CONSTRUCTION/RENOVATION/
INFRASTRUCTURE PROJECTS WITH BUDGETS OF \$1,000,000 AND GREATER
(INFORMATION ONLY)**
DATE: OCTOBER 31, 2018

This is to request that the following information be submitted to the Property and Facilities Committee and included on the agenda of the Board of Trustees meeting scheduled for November 16, 2018.

Proposal:

Consistent with standing practice, it is proposed that the current status report of new construction/renovation/infrastructure projects with budgets greater than \$1,000,000 be submitted, *for information only*, to the Board of Trustees through the Property and Facilities Committee.

Review and Consultation:

The Board of Trustees at its meeting on June 4, 2001, requested that it receive a regular update on the financial status of Board-approved projects. The attached list includes projects at Auburn University and outlying units.

Rationale for Recommendation:

Consistent with the request of the Board of Trustees for a current status report of new construction/renovation/infrastructure projects with budgets greater than \$1,000,000, the attached listing is provided, *for information only*, to the Board through the Property and Facilities Committee for inclusion on the agenda of the meeting scheduled for November 16, 2018.

Data as of 10/01/2018

Auburn University Facilities Management

Current Capital Projects

(Spending across Multiple Years)

Summary of Cash Flow by Project Phase

Project Phase	Previous Approved Budget Amount	Current Approved Budget Amount	Actual Spending to Date (across multiple years)	Estimated Spending Assuming Remainder of Budget for FY2019	Estimated Spending Assuming Remainder of Budget for FY2020 & Forward
Substantial Completion	138,177,977	201,477,977	192,926,497	6,027,820	2,135,481 *
Construction	289,500,000	235,900,000	88,610,175	126,168,042	21,121,783
Design	24,859,583	52,846,070	4,486,816	35,214,717	13,144,537
Planning	33,962,016	21,093,266	5,287,863	13,002,410	2,802,993
Totals	486,499,576	511,317,313	291,311,351	180,412,989	39,204,794 *
Other Open Capital Projects	67,782,444	66,804,966	31,975,780	17,414,593	17,414,593
Grand Totals	554,282,020	578,122,279	323,287,131	197,827,582	56,619,387 *

* On the lines with asterisks, the sum of the spending columns does not equal the current approved budget figure. The reason relates to one closed project: (1) "Food Animal Research Facility" project under budget by \$388,179.

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

Project Name	Project Phase	Original Approved Budget Amount	(A)		AU Bond Funding	Federal/ State or Local Funding	(B)		Estimated Spending Assuming Remainder of Budget for FY2020 & Forward		(C)	(A)-(B)-(C)
			Current Approved Budget Amount	AU Funding (includes gifts/grants)			Actual Spending to Date (across multiple years)	Estimated Spending Assuming Remainder of Budget for FY2019			Current Encumbrances Against Project	Current Open Balance (Budget less Actuals and Encumbrances)
SUBSTANTIAL COMPLETION PHASE												
Food Animal Research Facility 15-130	COMPLETED	3,400,000	3,400,000	3,400,000			3,011,821	0	0		0	388,179 *
Jordan-Hare Stadium Improvements: Phase 1 Storm Drain & Sewer Repairs 15-056	Substantial Completion	4,500,000	12,827,977	12,827,977			12,287,071	0	540,906		321,613	219,293
Risk Management and Safety Facility - New Building 15-150	Substantial Completion	2,800,000	2,800,000	2,800,000			2,576,078	123,922	100,000		50,076	173,846
School of Nursing Facility 15-035	Substantial Completion	29,000,000	29,000,000	29,000,000			28,810,442	50,000	139,558		68,545	121,013
Pharmaceutical Research Building 14-193	Substantial Completion	16,600,000	16,600,000	16,600,000			16,543,264	10,000	46,736		27,947	28,789
Band Practice Field - New Storage & Dressing Facility 15-256	Substantial Completion	3,000,000	3,000,000	3,000,000			2,937,695	52,305	10,000		12,195	50,110
Mell Classroom Building 11-209	Substantial Completion	25,000,000	35,000,000		35,000,000		34,762,610	100,000	137,390		20,791	216,599
AU Hotel & Dixon Conf Ctr - Comprehensive Renovation Of The Conference Center 15-274	Substantial Completion	3,650,000	3,650,000	3,650,000			3,475,266	174,734	0		61,217	113,517
AU Rec. & Wellness Ctr - Basement, Build-Out For Personal Training & Weightlifting Center 16-249	Substantial Completion	2,900,000	2,900,000	2,900,000			2,864,368	15,632	20,000		2,672	32,960
Broun Hall Building Wide Renovation 15-068	Substantial Completion	5,000,000	5,000,000	5,000,000			4,607,640	100,000	292,360		34,508	357,852

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

<i>Project Name</i>	<i>Project Phase</i>	<i>Original Approved Budget Amount</i>	<i>(A)</i>		<i>AU Bond Funding</i>	<i>Federal/ State or Local Funding</i>	<i>(B)</i>		<i>Estimated Spending Assuming Remainder of Budget for FY2020 & Forward</i>	<i>(C)</i>	<i>(A)-(B)-(C)</i>	
			<i>Current Approved Budget Amount</i>	<i>AU Funding (includes gifts/grants)</i>			<i>Actual Spending to Date (across multiple years)</i>	<i>Estimated Spending Assuming Remainder of Budget for FY2019</i>		<i>Current Encumbrances Against Project</i>	<i>Current Open Balance (Budget less Actuals and Encumbrances)</i>	
President's House Renovation 14-296	Substantial Completion	15,200,000	15,200,000	15,200,000			14,816,914	50,000	333,086	45,791	337,295	
AU Regional Airport - South Ramp, New Maintenance Hangar 16-246	Substantial Completion	1,700,000	1,700,000	1,700,000			1,524,555	55,000	120,445	55,191	120,254	
Bailey Small Animal Hospital - Basement, Build-Out For Clinical Pharmacology Lab & Research Space 16-260	Substantial Completion	2,300,000	2,300,000	2,300,000			2,282,137	2,863	15,000	10,000	7,863	
Gavin Engineering Research Laboratory - Comprehensive Renovations 14-308	Substantial Completion	16,750,000	18,000,000	18,000,000			17,081,250	918,750	0	756,721	162,029	
Jordan-Hare Stadium Gameday Support Facility and Locker Room Renovation 16-324	Substantial Completion	28,000,000	28,000,000	28,000,000			26,244,887	1,755,113	0	731,110	1,024,003	
Poultry Science Research & Education Ctr - New Administrative Building 16-040	Substantial Completion	2,950,000	2,950,000	2,950,000			2,684,800	215,200	50,000	91,368	173,832	
Jordan-Hare Stadium - Press Box Renovations 16-500	Substantial Completion	12,000,000	12,000,000	12,000,000			10,339,624	1,660,376	0	597,533	1,062,843	
Mell Street, West Samford Avenue, & Thach Avenue Traffic & Parking Improvements 15-311	Substantial Completion	4,000,000	4,000,000	4,000,000			3,640,376	359,624	0	236,651	122,973	
Miller Gorrie Center - Rm 103, Demonstration Lab Renovation 15-259	Substantial Completion	1,050,000	1,050,000	1,050,000			888,428	131,572	30,000	48,223	113,349	
North Auburn - New Fisheries Biodiversity Research Laboratory 16-486	Substantial Completion	2,100,000	2,100,000	2,100,000			1,547,271	252,729	300,000	155,939	396,790	
Total Substantial Completion			201,477,977	166,477,977	35,000,000	0	192,926,497	6,027,820	2,135,481	3,328,091	5,223,389	*

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

<i>Project Name</i>	<i>Project Phase</i>	<i>Original Approved Budget Amount</i>	<i>(A)</i>		<i>AU Bond Funding</i>	<i>Federal/ State or Local Funding</i>	<i>(B)</i>		<i>Estimated Spending Assuming Remainder of Budget for FY2020 & Forward</i>	<i>(C)</i>	<i>(A)-(B)-(C)</i>	
			<i>Current Approved Budget Amount</i>	<i>AU Funding (includes gifts/grants)</i>			<i>Actual Spending to Date (across multiple years)</i>	<i>Estimated Spending Assuming Remainder of Budget for FY2019</i>		<i>Current Encumbrances Against Project</i>	<i>Current Open Balance (Budget less Actuals and Encumbrances)</i>	
CONSTRUCTION PHASE												
Leach Science Ctr - Building Expansion & Partial Renovation 15-208	Construction	19,000,000	24,000,000	24,000,000			11,914,052	12,085,948	0	11,260,985	824,963	
AU Regional Airport - Aviation Education Facility 13-285	Construction	8,700,000	8,700,000	3,700,000		5,000,000	6,299,765	2,400,235	0	1,927,483	472,752	
Brown-Kopel Engineering Achievement Center 15-157	Construction	39,750,000	44,000,000	44,000,000			18,218,860	24,781,140	1,000,000	22,519,639	3,261,501	
Performing Arts Center - New Building 15-158	Construction	65,000,000	69,600,000	69,600,000			27,154,922	38,000,000	4,445,078	38,064,398	4,380,680	
Graduate Business Education Bldg 14-044	Construction Contract	30,000,000	45,000,000	45,000,000			17,841,212	16,057,091	11,101,697	23,062,870	4,095,918	
South College Street Parking Deck 18-071	Construction	15,900,000	15,900,000	15,900,000			1,468,199	12,988,621	1,443,180	13,385,314	1,046,487	
North Auburn - New Poultry Infectious Disease Biocontainment Facility 16-485	Construction	2,700,000	2,700,000	2,700,000			189,266	2,259,661	251,073	2,190,650	320,084	
Equestrian Facility Phase I Improvements 17-088	Construction	5,000,000	5,000,000	5,000,000			1,008,022	3,991,978	0	3,430,245	561,733	
Campus Utility System Expansion	Construction	6,500,000	6,500,000	6,500,000			3,762,369	2,603,368	134,263	2,454,163	283,468	
Goodwin Hall - Renovation & Band Rehearsal Hall Addition 15-255	Construction	5,500,000	7,500,000	7,500,000			422,902	5,000,000	2,077,098	120,580	6,956,518	

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

<i>Project Name</i>	<i>Project Phase</i>	<i>Original Approved Budget Amount</i>	<i>(A)</i>		<i>AU Bond Funding</i>	<i>Federal/ State or Local Funding</i>	<i>(B)</i>		<i>Estimated Spending Assuming Remainder of Budget for FY2020 & Forward</i>	<i>(C)</i>	<i>(A)-(B)-(C)</i>
			<i>Current Approved Budget Amount</i>	<i>AU Funding (includes gifts/grants)</i>			<i>Actual Spending to Date (across multiple years)</i>	<i>Estimated Spending Assuming Remainder of Budget for FY2019</i>		<i>Current Encum- brances Against Project</i>	<i>Current Open Balance (Budget less Actuals and Encum- brances)</i>
Student Activities Center - Auditorium, Renovation & Upgrades 15-321	Construction	7,000,000	7,000,000	7,000,000			330,606	6,000,000	669,394	4,682,035	1,987,359
Total Construction			235,900,000	230,900,000	0	5,000,000	88,610,175	126,168,042	21,121,783	123,098,362	24,191,463

Current Capital Projects

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

Project Name	Project Phase	Original Approved Budget Amount	(A)		AU Bond Funding	Federal/ State or Local Funding	(B)		Estimated Spending Assuming Remainder of Budget for FY2020 & Forward	(C)	(A)-(B)-(C)	
			Current Approved Budget Amount	AU Funding (includes gifts/grants)			Actual Spending to Date (across multiple years)	Estimated Spending Assuming Remainder of Budget for FY2019		Current Encum- brances Against Project	Current Open Balance (Budget less Actuals and Encum- brances)	
DESIGN PHASE												
Ag Heritage Park 98-333	Construction and Design Future Projects	2,666,320	2,666,320	2,666,320			1,427,581	0	1,238,739	0	1,238,739	
Moore Softball Complex - New Player Development Building & Seating Expansion17-197	Design & Development	4,000,000	4,000,000	4,000,000			74,961	2,943,779	981,260	271,890	3,653,149	
Tony & Libba Rane Culinary Science Center - New Building16-370	Construction Document	5,993,233	5,993,233	5,993,233			1,869,792	4,123,441	0	1,391,577	2,731,864	
Advanced Structural Testing Laboratory 17-255	Construction Document	1,186,517	1,186,517	1,186,517			357,828	828,689	0	527,836	300,853	
Miller Poultry Center - Poultry Farm Relocation Project (Phases III-VI) 17-302	Design & Development	22,000,000	22,000,000	22,000,000			160,871	14,195,434	7,643,695	25,808	21,813,321	
Lem Morrison Dr - Recreation Field Expansion 18-028	Bidding	17,000,000	17,000,000	17,000,000			595,783	13,123,374	3,280,843	465,501	15,938,716	
Total Design			52,846,070	52,846,070	0	0	4,486,816	35,214,717	13,144,537	2,682,612	45,676,642	

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

			(A)				(B)				(C)	(A)-(B)-(C)
Project Name	Project Phase	Original Approved Budget Amount	Current Approved Budget Amount	AU Funding (includes gifts/grants)	AU Bond Funding	Federal/ State or Local Funding	Actual Spending to Date (across multiple years)	Estimated Spending Assuming Remainder of Budget for FY2019	Estimated Spending Assuming Remainder of Budget for FY2020 & Forward		Current Encumbrances Against Project	Current Open Balance (Budget less Actuals and Encumbrances)
PLANNING PHASE												
Academic Classroom & Laboratory Complex 15-034	CD	8,500,000	8,500,000	8,500,000			4,547,600	3,952,400	0		2,932,508	1,019,892
Agricultural Sciences Research Building - New Facility 15-391	Pre-Design	170,500	170,500	170,500			150,900	0	19,600		0	19,600
Interdisciplinary Science Building - New Facility 15-392	Programming	208,946	208,946	208,946			137,837	0	71,109		54,289	16,820
Haley Center - Renovations For Relocation Of Mathematics & Statistics Department 16-110	Schematic Design	500,000	500,000	500,000			72,858	0	427,142		246,833	180,309
New Residence Halls - Phase 1 16-371	Budget/Contract	60,000	60,000	60,000			48,000	12,000	0		2,000	10,000
Plainsman Park Player Development Improvements 18-200	Predesign	4,000,000	4,000,000	4,000,000			41,515	3,166,788	791,697		36,420	3,922,065
Auburn Arena - Men's Locker Room & Practice Gymnasium, Renovation & Expansion 17-119	Design & Development	3,000,000	3,000,000	3,000,000			61,410	2,350,872	587,718		35,948	2,902,642
Jordan-Hare Stadium North Endzone Videoboard Improvements 17-038	Pre-Design	153,820	153,820	153,820			128,181	0	25,639		4,485	21,154
Jordan-Hare Stadium - 3rd & 4th Levels, East Suite Renovations 18-100	Predesign	4,500,000	4,500,000	4,500,000			99,562	3,520,350	880,088		46,695	4,353,743
Total Planning			21,093,266	21,093,266	0	0	5,287,863	13,002,410	2,802,993		3,359,178	12,446,225

Current Capital Projects

ESTIMATED CASHFLOW MATRIX and ACTUAL SPENDING and ENCUMBRANCE ACTIVITY

<i>Project Name</i>	<i>Project Phase</i>	<i>Original Approved Budget Amount</i>	<i>(A)</i>		<i>AU Bond Funding</i>	<i>Federal/ State or Local Funding</i>	<i>(B)</i>		<i>Estimated Spending Assuming Remainder of Budget for FY2020 & Forward</i>	<i>(C)</i>	<i>(A)-(B)-(C)</i>	
			<i>Current Approved Budget Amount</i>	<i>AU Funding (includes gifts/grants)</i>			<i>Actual Spending to Date (across multiple years)</i>	<i>Estimated Spending Assuming Remainder of Budget for FY2019</i>		<i>Current Encumbrances Against Project</i>	<i>Current Open Balance (Budget less Actuals and Encumbrances)</i>	
Other Open Capital Projects	Various Stages		66,804,966	66,492,985	0	311,981	31,975,780	17,414,593	17,414,593	10,120,429	24,708,757	
GRAND TOTAL												
			578,122,279	537,810,298	35,000,000	5,311,981	323,287,131	197,827,582	56,619,387	142,588,672	112,246,476	*

* On the lines with asterisks, the sum of the spending columns does not equal the current approved budget figure. The reason relates to one closed project: (1) "Food Animal Research Facility" project under budget by \$388,179.

TO: STEVEN LEATH, President
THROUGH: RONALD BURGESS, Chief Operating Officer
FROM: DAN KING, Associate Vice President for Facilities
SUBJECT: PROPERTY AND FACILITIES COMMITTEE

**QUARTERLY REPORT FOR PROJECTS COSTING MORE THAN \$500,000
BUT LESS THAN \$1,000,000 – 4th QTR FISCAL YEAR 2018** *(For Information Only)*

DATE: OCTOBER 31, 2018

This memorandum requests the following information be presented to the Board of Trustees through the Property and Facilities Committee and included on the agenda of the meeting scheduled for November 16, 2018.

Proposal:

The Board of Trustees, at its meeting on April 11, 2014, adopted a resolution stipulating that all projects with a total cost in the range of \$500,000 to \$1,000,000 be reported quarterly. The intent of this report is to keep the Property and Facilities Committee informed of those projects as they are occurring on campus. Consistent with standing policy, it is proposed that this report be submitted for information only.

Review and Consultation:

Projects initiated in the 4th Quarter of Fiscal Year 2018 and costing more than \$500,000 but less than \$1,000,000 are listed in the following table.

4 th Quarter FY 2018 Projects \$500,000 - \$1,000,000	Project Number	Account Number	Cost
*** NONE TO REPORT ***			

Rationale for Recommendation:

Consistent with standing policy, this report is submitted to the Board of Trustees through the Property and Facilities Committee for information at the meeting scheduled for November 16, 2018.



FACILITIES MANAGEMENT
M E M O R A N D U M

TO: STEVEN LEATH, President
THROUGH: RONALD BURGESS, Chief Operating Officer
FROM: DAN KING, Associate Vice President for Facilities
SUBJECT: PROPERTY AND FACILITIES COMMITTEE
PROJECT STATUS REPORT
DATE: OCTOBER 31, 2018

This memorandum requests the following information be presented to the Board of Trustees through the Property and Facilities Committee and included on the agenda at the meeting scheduled for November 16, 2018.

Proposal:

It is proposed that a brief report regarding the status of Board of Trustees approved capital projects be submitted, *for information only*, to the Board of Trustees through the Property and Facilities Committee.

Review and Consultation:

The responsibility of the Board of Trustees extends to the oversight of funding, planning, design, construction, maintenance and operation of University buildings and facilities. The date of project establishment in the development process is often separated by years from the date of project completion or building dedication. This Project Status Report is intended to continually inform interested parties of the status of projects previously approved by the Board of Trustees.

PROJECT/PHASE**STATUS****Projects in Planning Stage:**

- Agricultural Sciences Research Building
- Interdisciplinary Science Building
- New Student Housing

Initiated November 2015
Initiated November 2015
Initiated September 2016

Projects in Design Stage:

- Relocation of Sports Medicine and Other Team Functions from the Coliseum
- Academic Classroom & Laboratory Complex
- Campus Utilities System Expansion Improvements – New Chilled Water Plant
- Haley Center Quad Renovation
- Tony and Libba Rane Culinary Science Center
- Jordan-Hare Stadium North Endzone Videoboard Improvements
- Advanced Structural Testing Laboratory

Initiation Approved

On hold

Initiated February 2015
Initiated June 2015

On hold
Initiated September 2016
On hold
Initiated November 2017

Projects with Final Board of Trustees Approval:

- Band Building Phase III
- Equestrian Facility Improvements
- Plainsman Park Player Development Improvements
- Jane B. Moore Softball Complex Player Development Improvements
- Auburn Arena Locker Room Renovation
- Recreation Field Expansion
- Jordan-Hare Stadium East Suite Renovations Phase I
- Poultry Research Farm Unit Relocation Phases III – VI

Final Approval

Approved April 2017
Approved November 2017
Approved April 2018
Approved April 2018

Approved April 2018
Approved June 2018
Approved September 2018
Initiated November 2017

Projects in Construction Stage:

- Graduate Business Building
- Jay and Susie Gogue Performing Arts Center
- Delta Air Lines Aviation Education Facility
- Brown-Kopel Engineering Student Achievement Center
- Leach Science Center Addition
- Poultry Infectious Disease Biocontainment Research Facility Relocation
- South College Street Parking Deck
- Student Activities Center Renovation

Approved September 2016
Approved February 2017
Approved February 2017
Approved February 2017
Approved April 2017
Approved April 2017

Approved April 2018
Approved April 2018

Projects Recently Completed:

- Gavin Engineering Research Lab Renovation
- Jordan-Hare Stadium Gameday Support Facility and Locker Room Renovation
- Jordan-Hare Stadium Press Box Renovation
- Miller Gorrie Center Laboratory Renovations
- Mell Street and Thach Ave Traffic and Parking Improvements
- Poultry Research Farm Unit Relocation Phase II–Administration Building
- Campus Utilities System Expansion Improvements –Electrical Distribution Improvements
- Fisheries Biodiversity Laboratory Relocation

ACADEMIC AFFAIRS COMMITTEE
INFORMATION ITEMS

Time will be allocated for information items to the Board of Trustees through the Academic Affairs Committee that include academic programs approved for implementation by the Provost's Office. While these items do not require formal approval of the Board of Trustees, they are being presented as items of information to be forwarded to the Alabama Commission on Higher Education (ACHE) for appropriate notification, following the Board of Trustees Meeting.




AUBURN UNIVERSITY

OFFICE OF THE PROVOST

TO: Steven Leath, President

THROUGH: Ronald Burgess, Chief Operating Officer

FROM: Bill Hardgrave, Provost and Senior Vice President for Academic Affairs 

SUBJECT: Academic Affairs Committee - Information Items

DATE: October 31, 2018

This memorandum requests the following items of information be presented to the Board of Trustees through the Academic Affairs Committee and included on the agenda at the meeting scheduled for November 16, 2018.

The following academic programs have been approved for implementation by the Provost's Office. While they do not require formal approval by the Board of Trustees, they are hereby presented as items of information. Each has received the support of the appropriate college or school, the University Curriculum Committee, the Graduate Council, and the Provost's Office. Following the Board of Trustees meeting, these programs will be forwarded to the Alabama Commission on Higher Education (ACHE) for the appropriate notification.

1. ***Graduate Certificate in Power Engineering, Ginn College of Engineering:*** The Samuel Ginn College of Engineering has received approval to establish a new 12-hour graduate certificate (offered both on-campus and via distance education) in Power Engineering to provide students and professionals with advanced coursework and training in the operation and design of electric power systems. Building on the existing short courses offered by the department, the certificate combines advanced technical courses with professional management training in areas that include systems analysis, power electronics, renewable energy, computing, and security. The college expects high levels of interest for the certificate based on the enrollment in the existing Master of Science in Electrical and Computer Engineering (more than 100 students annually) and the continuing demand for the short courses (more than 3,800 have been purchased since 2001). The certificate does not require any additional resources, faculty or space.
2. ***Graduate Certificate in Pulp and Paper Engineering, Ginn College of Engineering:*** The Samuel Ginn College of Engineering has received approval to establish a new 12-hour graduate certificate (offered both on-campus and via distance education) in Pulp and Paper Engineering. Designed for students and professionals working in the pulp and paper industry, a vital part of Alabama's economy, the certificate provides advanced coursework and training in areas such as polymer chemical engineering, biochemical engineering, and macromolecular science. The college projects an annual enrollment of 15 students annually, and the certificate does not require

any additional resources, faculty or space. Students will also be able to allocate credits earned from the certificate towards the college's existing online Master's degree in Engineering.

3. ***Distance education version of the Master of Science in Computer Science and Software Engineering (Non-Thesis Option), Ginn College of Engineering:*** The Department of Computer Science and Software Engineering currently offers an on-campus MS in Computer Science and Software Engineering (Non-Thesis Option) for students seeking advanced skills and careers in diverse software applications. The distance version of the graduate degree requires the successful completion of 33 graduate semester hours in content areas designed to prepare students for advanced careers such as computer scientists, software engineers, computer programmers, and computer specialists. The college projects an annual enrollment of 36 students and the online degree does not require any additional resources, faculty or space.
4. ***Graduate Certificate in Cyber Security Management, Harbert College of Business:*** The Harbert College of Business has received approval to establish a new 9-hour graduate certificate (offered both on-campus and via distance education) in Cyber Security Management. The certificate provides advanced coursework and training in the strategic management of cybersecurity threats within modern information systems and business networks. Students will study topics that include security and information assurance, risk analysis, and information technology auditing. The college projects an annual enrollment of 30 students, and the certificate does not require any additional resources, faculty or space.
5. ***Graduate Certificate in One Health, School of Forestry and Wildlife Sciences:*** The School of Forestry and Wildlife Sciences has received approval to establish a new 15-hour graduate certificate (offered via distance education) in One Health. Utilizing courses offered by Auburn's College of Veterinary Medicine and the University of Alabama at Birmingham's School of Public Health, the certificate provides advanced coursework in One Health concepts that emphasize the integration of human, veterinary, and environmental sciences. Students will examine public health threats, such as infectious diseases, and assess strategies necessary for creating sustainable local and global ecosystems. The school projects an annual enrollment of 100 students and the certificate does not require any additional resources, faculty or space.
6. ***Graduate Certificate in Forest Finance and Investment, School of Forestry and Wildlife Sciences:*** The School of Forestry and Wildlife Sciences has received approval to establish a new 12-hour graduate certificate (offered via distance education) in Forest Finance and Investment. The certificate provides advanced coursework for students and professionals working in the forestry industry who desire additional knowledge and skills in the financial analysis and management of forest-based businesses. Students will study topics that include forest valuation economics, advanced investments, forest finance and accounting, and financial analysis (offered through the Harbert College of Business). The school projects an annual enrollment of 100 students, and the certificate does not require any additional resources, faculty or space.
7. ***Graduate Certificate in Restoration Ecology, School of Forestry and Wildlife Sciences:*** The School of Forestry and Wildlife Sciences has received approval to establish a new 15-hour graduate certificate (offered via distance education) in Restoration Ecology. The certificate provides students and professionals with advanced coursework and training in the conservation

of ecological systems and natural resources management. Students will study sustainable methods of managing natural resources in Alabama and the Southeast region, including fire ecology and human-wildlife conflicts. The school projects an annual enrollment of 100 students and the certificate does not require any additional resources, faculty or space.



AUBURN UNIVERSITY

DEPARTMENT OF ELECTRICAL AND
COMPUTER ENGINEERING

TO: Dr. Bill Hardgrave
Provost & Vice President for Academic Affairs

THROUGH: Dr. George Flowers
Dean, Graduate School *George T. Flowers*

THROUGH: Dr. Christopher B. Roberts
Dean, Samuel Ginn College of Engineering *Chris Roberts*

FROM: Dr. R. Mark Nelms *R. Mark Nelms*
Professor and Chair, Electrical & Computer Engineering (ECE) Department

DATE: 28 September 2018

SUBJECT: Item for Board of Trustees -- Proposed Graduate Certificate in Power Engineering

approved 10/10/18 Bill Hardgrave

We request the following proposal be added to the Board of Trustees' agenda for their next meeting.

Program Purpose and Description: The proposed Graduate Certificate in Power Engineering will enable currently employed professionals to advance their careers in the field of electric power engineering. Additionally, the certificate will enhance the qualifications of those seeking to enter this very broad field. The ECE department currently offers 10 graduate-level courses directly in power engineering. The proposed graduate certificate can be earned by completing four (4) courses, totaling 12 semester credit hours.

Justification for Request: The proposed graduate certificate will help meet the demand for more professionals who understand the complexities and challenges of the important, yet evolving power engineering industry. Auburn University currently offers both continuing education short courses as well as regular graduate degrees. The proposed graduate certificate fills a large gap that lies between a continuing education short course and a full graduate degree.

The proposed certificate presents materials at far greater depth than continuing education courses. At the same time, the proposed graduate certificate enables a professional to receive technical training recognition much more quickly than the time frame of a full graduate degree.

The proposed certificate has been reviewed and approved by the ECE department, the Samuel Ginn College of Engineering (CoE), the CoE Online and Continuing Education office, and the Graduate School.

State Need: Electricity is the most versatile and easily controlled form of energy. For the customer, it is practically clean and lossless, and is the most cost-efficient way to use energy. Industry growth is intimately tied to availability of reliable and inexpensive power. Despite its long-established importance to economic health and growth, power engineering is also facing great changes as renewable energy sources are entering the market, and also potentially changing the very structure of

the utility network. Power engineering is expanding to include diverse technologies including communications, computing, control, and security.

To our knowledge, there is no comparable program offered in the state of Alabama. Georgia Tech offers a Power System Certificate that requires classroom attendance in Atlanta. The proposed AU graduate certificate has the potential to attract students from within Alabama, across the region and U.S.A., and from abroad. For example, two new online students entered the ECE doctoral program over the past year, because of the department's demonstrated ability and willingness to offer online courses.

Employment Opportunities: In 2016, the USA generated over 4 trillion kilowatt-hours (kWh) of electricity, at an average retail price of 0.10 US\$/kWh (statista.com). This industry employs nearly 2 million people, plus an estimated 2.2 million additional people in industries related to energy efficiency (energy.gov). Job growth rate is particularly strong in renewable energy.

Alabama Power is the second-largest subsidiary of Southern Company, providing electricity supply and services to nearly 1.5 million customers (alabamapower.com). The parent Southern Company employed over 32,000 people in 2016, and is the second largest utility company in the U.S. (Wikipedia).

Many Auburn University ECE graduates are either directly employed by the power industry and its supporting industries, or by companies in which power engineering is a significant operational concern.

Student Demand – Enrollment Projections: Power engineering course enrollment is a significant portion of current ECE graduate program, which currently stands at 115 students (60% pursuing the doctoral degree). Three power engineering courses are typically offered every semester. Over the past year, roughly one-third of online ECE graduate credit hours taught have been in power engineering. More than 3,800 electrical engineering professional development short courses have purchased by professionals through the College of Engineering Online and Continuing Education office since year 2001, and 45% of the sales focused on power engineering. The proposed graduate certificate will be available to both on-campus and online communities, thus making it both attractive and feasible to complete by working professionals.

Resource Requirements: No additional resources are required.

Recommendation: The ECE department recommends that the proposed Graduate Certificate in Power Engineering be approved by the Offices of the Provost and the President and be forwarded to the Board of Trustees and the Alabama Commission on Higher Education for review and approval.

**Auburn University Graduate Certificate Program in Power Engineering
Curriculum Map**

Certificate Title: Graduate Certificate in Power Engineering
CIP Code: 14.1001
Offering Unit: Electrical and Computer Engineering Department
Credit Hours in Certificate: 12
On-Campus Approval: Graduate Council (Sept 2018)
ACHE Notification:
Effective Term: January 2019
Program Outline:

<u>Electives: (Choose any 4 courses -- 12 credits)</u>		<u>Credits</u>
ELEC 6610 / 6616	Power Electronics	3
ELEC 6620 / 6626	Power Systems Analysis	3
ELEC 6630 / 6636	Electric Machines	3
ELEC 6650 / 6656	Power System Protection	3
ELEC 6970 / 6976	Special Topic: Power Quality	3
ELEC 6970 / 6976	Special Topic: Intro to Renewable Energy	3
ELEC 7610 / 7616	Power System Dynamics & Stability	3
ELEC 7620 / 7626	Power System Operations	3
ELEC 7630 / 7636	Advanced Electric Machines	3
ELEC 7640 / 7646	Power System Transients	3

Program-specific courses: None

Related Programs: MS, Electrical Engineering
PhD, Electrical Engineering

Rationale: Students who earn the graduate certificate in Power Engineering will be able to demonstrate that they:

- Have received graduate level training in power engineering,
- Are up to date with advances in Power Engineering, and
- Are capable of applying the knowledge in the workplace.



AUBURN UNIVERSITY

SAMUEL GINN
COLLEGE OF ENGINEERING

To: Dr. Bill Hardgrave
Provost & Vice President for Academic Affairs

*approved
10/10/18
Ben Hardgrave*

THROUGH: Dr. George Flowers
Dean, Graduate School

George T. Flowers

THROUGH: Dr. Christopher B. Roberts
Dean, Samuel Ginn College of Engineering

Chris Roberts

FROM: Dr. Mario Eden
Chair, Department of Chemical Engineering

Mario Eden

DATE: October 1, 2018

SUBJECT: Item for Board of Trustees - Proposed Graduate Certificate in Pulp and Paper Engineering

We request that the following proposal be added to the Board of Trustees' agenda for their November 16, 2018 meeting.

Certificate Purpose and Description: This certificate will provide students with comprehensive understanding of the pulp and paper industry, its unit processes, environmental aspects and the sustainability of the processes and products.

Justification for Request: Due to the impact of globalization and the significance of the technology expansion, the need for highly educated employees in pulp and paper technology and engineering has become critical in staying competitive in today's global economy. This is especially important for the Southeastern region of the United States: one of the largest paper-producing regions in the world. This proposed certificate will provide a graduate level of education in pulp and paper, an area of need and importance to the state and beyond. This certificate program will produce graduates capable of becoming successful professionals in their chosen field related to pulp and paper and allied industries. This certificate can also serve as a part of the curriculum for an existing online Master's Degree in Engineering.

State Need: No other four-year institutions in the state of Alabama offer either a graduate certificate or program in pulp and paper at the graduate level.

Employment Opportunities: The certificate graduates are in an excellent position to attain jobs in the pulp and paper and associated industries as R&D, management, engineering, technical support, consulting and manufacturing personnel areas.

Student Demand – Enrollment Projections: Creation of the certificate is expected to result in an immediate enrolment of approximately 5-10 students. This number is expected to increase to 15-20 students per year.

Resource Requirements: All courses and instructors necessary for offering the certificate are already in place.

Recommendation: We recommend that the proposed graduate certificate in pulp and paper engineering be approved by the Offices of the Provost and the President and be forwarded to the Board of Trustees and the Alabama Commission on Higher Education for review and approval.

Auburn University Graduate Certificate Program in Pulp and Paper Engineering

Certificate Title:	Graduate Certificate in Pulp and Paper Engineering
CIP Code:	14.0701 – Chemical Engineering
Offering Unit:	Chemical Engineering Department
Credit Hours in Certificate:	12
On-Campus Approval:	September 2018 (Graduate Council)
ACHE Notification:	TBD
Effective Term:	Spring 2019

Program Outline:

Required courses: (9 credits)

CHEN 6090/6096 Pulp and Paper Technology (3 credits)

CHEN 6110/6116 Pulp and Paper Engineering (3 credits)

CHEN 6970/6976 Special Topics in Pulp and Paper Technology 3 (3 credits)

Elective courses: (Choose 3 credits)

CHEN 6800/6806 Biochemical Engineering (3 credits)

CHEN 6410/6416 Macromolecular Science and Engineering (3 credits)

CHEN 6420/6426 Polymer Chemical Engineering (3 credits)

Program-specific courses: None

Related Programs: Master of Engineering; Master of Science - Chemical Engineering
Master of Science - Materials Engineering

Rationale: This graduate certificate will provide a graduate level of education in pulp and paper, an area of need and importance to the state and beyond. This certificate will produce graduates capable of becoming successful professionals in their chosen field related to pulp and paper and allied industry. This certificate can also serve as a part of curriculum for an existing Online Master's Degree in Engineering.

COMPUTER SCIENCE
AND
SOFTWARE ENGINEERING



MEMORANDUM

TO: Dr. Bill Hardgrave
Provost & Senior Vice President for Academic Affairs
Approved 8/16/18
Bill Hardgrave

THROUGH: Dr. George Flowers
Dean, Graduate School
George T. Flowers

THROUGH: Dr. Christopher Roberts
Dean, Samuel Ginn College of Engineering
Chris Roberts

FROM: Dr. N. Hari Narayanan
Chair, Department of Computer Science and Software Engineering
N. Hari Narayanan

DATE: 13 August 2018

SUBJECT: Proposed Master of Science in Computer Science and Software Engineering
(Distance Non-Thesis Option)

We request the following proposal be added to the agenda for the September 14, 2018 meeting of the Auburn University Board of Trustees.

Program Purpose and Description: The Department of Computer Science and Software Engineering in the Samuel Ginn College of Engineering proposes to add a Distance Non-Thesis Option to the existing on-campus M.S. (Non-Thesis Option) Degree in Computer Science and Software Engineering, effective fall 2019. The vision of this proposed distance program is to offer a unique opportunity for Master's students who are not resident on campus and do not live in Auburn to develop cutting-edge and in-depth knowledge of the computer science and software engineering disciplines at the graduate level. The program, like its on-campus counterpart, caters to students with an outstanding aptitude and strong analytic skills for software design, development, and testing. The degree requires a minimum of 33 graduate semester credit hours. Students are required to take COMP7276 Advanced Algorithms, COMP7306 Advanced Computer Architecture and COMP7506 Advanced Operating Systems as core graduate courses. Please see the attached curriculum for details.



Justification for Request: This proposal simply represents an alternate mode of offering an existing degree in a way that makes it available to students who are not resident on campus and do not live in Auburn, and it is not expected to require a separate listing in the bulletin.

State Need: Graduates of the proposed program will be trained for a variety of jobs with titles such as computer scientist, software engineer, computer programmer, computer specialist, computer system analyst, and computer analyst. The demand for these computer science and software engineering professionals exists in Alabama as it does across the nation. There are several major job search engines that post job openings in this area. Of these, *ZipRecruiter* provides the most readily accessible count of the number of open positions in each state. We conducted a search of ziprecruiter.com for jobs with six job titles currently posted for the State of Alabama to which graduates of the proposed program will be qualified to apply. The number of job openings listed under the above six titles for Alabama are 1283, 1921, 957, 1647, 1267, and 1605 respectively, which averages to 1447 job openings in 2018. We then used the Bureau of Labor Statistics' annual projected job growth rate for computer and mathematical occupations over 2016-2026 to project job openings in Alabama for years 2019-2022 as 1301, 1319, 1338 and 1356. This demonstrates that a clear state need exists. Auburn's on-campus MS program and other similar programs across the state do not produce this many yearly graduates.

Employment Opportunities: This is a distance education degree and in general, the students are already employed. The degree program would provide new opportunities for students to improve and expand their knowledge, expertise, and possibly allow for promotion to higher rank (or earn a higher salary) at their places of employment.

Projected Enrollment and Degree Production: Enrollment in the program is expected to be 3-5 students each fall. At that enrollment level, an average of 4 graduates per year is anticipated.

Resource Requirements: Courses in the curriculum are already offered by the department in both on-campus and distance formats. The distance format is supported by the Graduate Outreach Program in the Samuel Ginn College of Engineering, which provides recordings of the lectures as well as other support such as coordinating the assignment of exam proctors. Students can access the recordings online; the Canvas system is used for distribution of course materials and submission of assignments. Since no new courses are involved and the expected enrollment is a small fraction of the on-campus MS student population, no significant faculty or advisor workload increase is anticipated, and all needed resources are in place.

COMPUTER SCIENCE
AND
SOFTWARE ENGINEERING



AUBURN UNIVERSITY
SAMUEL GINN
COLLEGE OF ENGINEERING

Recommendation: We recommend that the proposed Master of Science in Computer Science and Software Engineering (Distance Non-Thesis Option) be presented to the Auburn University Board of Trustees and the Alabama Commission on Higher Education for review and approval.

Master of Science in Computer Science and Software Engineering (Distance Non-Thesis Option)

Curriculum Model

Fall Semester		Spring Semester	
YEAR 1			
COMP 6xx6/7xx6 elective	3	COMP 6xx6/7xx6 elective	3
COMP 6xx6/7xx6 elective	3	COMP 7276 Advanced Algorithms ²	3
COMP 7306 Advanced Computer Architecture ²	3	COMP 7506 Advanced Operating Systems ²	3
	9		9
Summer Semester		Fall Semester	
YEAR 2			
COMP 7930 Directed Study ¹	3	COMP 7986 Capstone Engineering Project ³	3
COMP 6xx6/7xx6 elective	3	COMP 6xx6/7xx6 elective	3
	6	COMP 6xx6/7xx6 elective	3
			9

TOTAL 33 SEMESTER HOURS

¹ Students may take up to three (3) credit hours of COMP7930 Directed Study

² Three required courses are COMP7276, COMP7306, and COMP7506



RAYMOND J. HARBERT COLLEGE OF BUSINESS
EXECUTIVE MBA PROGRAMS

To: Dr. Bill Hardgrave, Provost & Vice President for Academic Affairs *approved 10/11/18 Bill Hardgrave*
Through: Dr. George Flowers, Dean of the Graduate School *George Flowers*
Through: Dr. Annette L. Ranft, Dean, Harbert College of Business *Annette Ranft*
From: Dr. Stan Harris, Associate Dean, Graduate and International Programs, Harbert College of Business *Stan Harris*
Dr. David Paradise, Chair, Department of Systems & Technology, Harbert College of Business *David Paradise*
Date: October 4, 2018
Subject: Item for the Board of Trustees – Proposed Graduate Certificate in Cyber Security Management

We are writing to request that the following item be added to the Board of Trustee's agenda for their next meeting.

Proposal: The Harbert College of Business in proposing a Graduate Certificate in Cyber Security Management. The recent explosive headlines surrounding data breaches and ransomware attacks at major organizations such as the US Office of Personnel Management (2012), Yahoo (2013), Target (2013), Anthem (2015), and Equifax (2017), remind us that no organization, federal or state agency or healthcare facility is immune to this threat. At the same time, business and healthcare professionals can no longer rely solely on IT professionals to handle the risk to the organization and manage the process of securing their company's assets from these attacks.

We are proposing to use a series of 3 existing ISMN courses to comprise a Graduate Certificate in Cybersecurity Management (GCCM). This certificate will fit within the portfolio of CyberSecurity training and outreach that Auburn University delivers through their Cyber Initiative.

This GCCM could stand alone – or be applied as 9 credits toward other applicable Master's degrees such as the Masters of Science in Information Systems or the Master of Business Administration. Applicants would need to apply to and be accepted in those programs according to their admission standards.

This program would be available on-campus (synchronously – available according to the schedule when taught on campus), online (asynchronously – available on demand) or through the Executive MBA Program format.

405 W. MAGNOLIA AVENUE

SUITE 503

AUBURN, AL 36849-5240

TELEPHONE:

334-844-4060

FAX:

334-844-2964

Justification for Request: The proposed GCCM is a response to the escalating cyber security threats to organizations throughout the world. This certificate focuses on understanding the scope of cyber security threats, managing technical personnel, assessing organizational risks, and developing communication strategies in response to cyber initiatives; it is not focused on the technical aspects of cyber security.

State Need: Offering this GCCM will meet a current need in the marketplace. It will also expand Auburn's reach and build upon its already solid reputation of excellence in this area. These courses are already being taught on campus and online - they just haven't been positioned as a certificate in CyberSecurity and they haven't been offered as a concentration within our existing MBA programs.

Employment Opportunities: Students completing the GCCM will position themselves for employment opportunities within the management of the CyberSecurity marketplace. They will NOT be technically qualified to handle the IT side of cyber issues. Instead, they will better understand and prepared for the strategic management of those risks to the organization.

Student Demand – Enrollment Projections: These courses are currently being taught in the Department of Systems and Technology within the Harbert College of Business. We propose to continue those as the on-campus / on-line offering for this Certificate. We will also add a Cyber Security concentration within the Executive MBA Program and offer it as a stand-alone product in the marketplace. We currently enroll approximately 30 students a year in each of these courses, and expect that to grow as the Certificate is offered in the marketplace.

Resource Requirements: We plan to utilize the Media Production Group to produce these courses for delivery in the Executive marketplace. We have composed an Advisory board of Cyber Executives, and MBA Alumni working in Cyber to help identify key issues to be addressed. The Graduate Executive Programs Office is funding this initiative.

Recommendation: It is recommended that the proposed Graduate Certificate in Cyber Security be approved by the Offices of the Provost and the President and be forwarded on to the Board of Trustees and the Alabama Commission on Higher Education for review and approval

Graduate Certificate Program

Certificate Title:	Graduate Certificate in Cyber Security Management
CIP Code:	11.1003
Offering Unit:	MBA Program / Department of Systems and Technology
Credit Hours in Certificate:	9
Board of Trustees Approval:	Fall 2018 (projected)
ACHE Notification:	Fall 2018 (projected)
Effective Term:	Spring 2019

Program Outline:

The proposed courses for this GCCM are:

ISMN 6730 / 6736 – Security and Information Assurance (3). This course covers the fundamentals of computer security and information assurance from a management perspective. The student will be exposed to security and information assurance topics such as security policies, confidentiality and ethics.

ISMN 6740 / 6746 – Information Risk Analysis (3). In depth instruction on the range of skills required of persons engaged in the performance of risk analysis functions.

ISMN 6750 / 6756 – Information Technology Auditing (3). This course presents in depth instruction on the range of skills required of persons engaged in the performance of an IT audit. Those skills include those required by but not limited to a technology analysis, data scientist or CIO.


Related Programs: MBA, MSIS

Rationale: The 3 courses can stand alone as a Graduate Certificate (with each one leading to an industry standard certification), or could be applied as a concentration with the MBA or MSIS programs.




SCHOOL OF FORESTRY AND
WILDLIFE SCIENCES

OFFICE OF THE DEAN

To: Bill Hardgrave 
Provost and Vice President for Academic Affairs

Through: George Flowers
Dean of the Graduate School

From: Janaki Alavalapati 
Dean of the School of Forestry and Wildlife Sciences

Date: July 6, 2018

Subject: Item for the Board of Trustees – Proposed Graduate Certificate
in One Health

We request that the following item be added to the Board of Trustees' agenda for their next meeting.

Proposal: The School of Forestry and Wildlife Sciences is proposing a Graduate Certificate in One Health

Review and Consultation: The proposed program has been approved by the Auburn University's Graduate Council and will complement the Public Health Minor currently offered by the AU College of Veterinary Medicine in collaboration with the School of Public Health at the University of Alabama at Birmingham. While the Public Health Minor focuses on the micro-details of public health, the One Health Certificate coursework deals with population-sized management, the prevention of the spread of disease, and natural and anthropogenic systems that influence public health.

Recommendation: It is recommended that the proposed Graduate Certificate in One Health be approved and forwarded to the Auburn University Board of Trustees for review and approval.

3301 FORESTRY AND
WILDLIFE SCIENCES BUILDING
AUBURN, AL 36849-5418

TELEPHONE:

334-844-1004

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334-844-1084

One Health Graduate Certificate - Curriculum

The One-Health concept is based on the premise that health related interactions among people, animals, and the environment have profound influences on disease risk, transmission, and prediction efforts. This Graduate Certificate requires a minimum of 15 credits from the following list of on-campus and on-line distance education courses offered at Auburn University or the University of Alabama at Birmingham School of Public Health. Successful graduates are required to enroll in the 4 required courses for 9 credits and at least 6 credits from 8 elective courses to complete the certificate. Those completing the certificate program will increase their knowledge regarding relationships between One Health concepts and many other professions such as urban planning, engineering, natural resource management, be competent in the fundamentals of One Health concepts, and be able articulate to audiences linkages between One Health concepts and challenging technical problems related to the environment.

Required Courses - 9 Credits

FOWS 7106 Human Dimensions of One Health	2
FOWS 7206 Disease Ecology	3
FOWS 7306 Current Topics in One Health	1
VMED 7946 Epidemiology in a One Health World	3

Elective Courses - 6 Credits needed

FOWS 7006 Influences of Natural and Altered Environments on One Health		3
Health Economics (HCOP 610Q)		3
VMED 9502	Current Topics in Veterinary Medicine	1
GEOG 6836	Introduction to Geographic Information Systems	4
FDSC 6206	Developing, Implementing, and Auditing Food Safety Programs	3
NURS 8426	Population Health Outcomes	3
NTRI 6106	Nutrition in Disease Prevention	2
CHEN 6676	Pollution Prevention Engineering	3
ENTM 6366	Landscape Entomology	4
GEOG 6210	Climatology	3



SCHOOL OF FORESTRY AND
WILDLIFE SCIENCES

OFFICE OF THE DEAN

To:

Bill Hardgrave
Provost and Vice President for Academic Affairs

Through:

George Flowers
Dean of the Graduate School

From:

Janaki Alavalapati
Dean of the School of Forestry and Wildlife Sciences

Date:

October 1, 2018

We request that the following item be added to the Board of Trustees' agenda for their next meeting.

Proposal: The School of Forestry and Wildlife Sciences is proposing a Graduate Certificate in Forest Finance & Investment.

Review and Consultation: The proposed certificate has been approved by the Auburn University's Graduate Council and will prepare students to be more knowledgeable in operating their forest business and forest finance and investment decision-making. The program will stress critical thinking and problem-solving skills that are required by employers today and running a forest-based business. The Forest Finance and Investment Certificate is designed to (1) provide graduate-level education for those seeking advanced positions in forest business, and (2) to place students in a position so that they can continue their graduate education.

Recommendation: It is recommended that the proposed Graduate Certificate in Forest Finance & Investment be approved and forwarded to the Auburn University Board of Trustees for review and approval.

3301 FORESTRY AND
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www.auburn.edu

Graduate Certificate Program

Certificate Title: Forest Investment and Finance

CIP Code: 03.0599

Offering Unit: School of Forestry and Wildlife Sciences

Credit Hours in Certificate: 12

On-Campus Approval: Summer 2017 (projected)

Board of Trustees Approval: Summer 2017 (projected)

ACHE Notification: Summer 2017 (projected)

Effective Term: Spring 2018

Program Outline:

12 credits selected from the following courses —

FOR Y 6406	Forest Valuation Economics	3 credits
FOR Y 6626	Forest Finance, Accounting Taxation	3 credits
FINC 7646	Advanced Investments	3 credits
FOR Y 6256	Forest Growth, Silviculture Management*	3 credits
BUSI 7116	Financial Analysis* *	3 credits
*FOR Y 6256	will be required of those students who do not have a B.S. in Forest Management	
** BUSI 7116	will be required of those students who have a B.S. in Forest Management	



SCHOOL OF FORESTRY AND
WILDLIFE SCIENCES

OFFICE OF THE DEAN

To: Dr. Tim Boosinger
Provost and Vice-President for Academic Affairs

Through: Dr. George Flowers *George T. Flowers*
Dean, Graduate School

Through: Dr. Janaki Alavalapati *Janaki*
Dean, School of Forestry and Wildlife Sciences

From: Dr. Graeme Lockaby *BGL*
Graduate Program Officer, School of Forestry and Wildlife Sciences

Date: May 10, 2017

Subject: Item for Consideration by the Board of Trustees- Graduate Certificate
in Restoration Ecology

We ask that the following item be added to the Board of Trustees' agenda for their next meeting.

Proposal: The School of Forestry and Wildlife Sciences is proposing a graduate certificate in Restoration Ecology

Review and Consultation: Auburn University does not have a concerted effort to engage students in the field of restoration ecology. With concerns today about clean water, air, and climate, there is an increased need for workers in the field of restoration ecology. A recent study by the University of North Carolina at Chapel Hill estimated that ecological restoration is a \$25B industry that generates 220,000 jobs. This program is designed to help those interested in natural resource management with training in restoration ecology, giving them the tools to better manage natural resources while also advancing their careers. The certificate is designed to (1) provide graduate level education for those seeking advanced training in managing natural resources and (2) provide skill sets to enable students to continue graduate education if they so desire. New courses have been developed for this certificate that will attract students who would otherwise not consider attending Auburn.

Recommendation: It is recommended that the proposed graduate certificate in Restoration Ecology be approved and forwarded to the Auburn University Board of Trustees for review and approval.

3301 FORESTRY AND
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Graduate Certificate Program

Certificate Title: Restoration Ecology

CIP Code: 03.0101

Offering Unit: School of Forestry and Wildlife Sciences

Credit Hours in Certificate: 15

On-Campus Approval: Summer 2017 (projected)

Board of Trustees Approval: Summer 2017 (projected)

ACHE Notification: Summer 2017 (projected)

Effective Term: Spring 2018

Program Outline:

15 credits selected from the following courses-

FOWS 7216	Restoration Ecology*	3 credits
FOWS 7226	Forest History of Alabama and the Southeastern United States	3 credits
FOWS 7236	Forest Stand Dynamics	3 credits
FOWS 7246	Fire Ecology	3 credits
FOWS 7256	Longleaf Pine Ecology, Management, and Restoration	3 credits
WILD 6416	Human Wildlife Conflicts	3 credits

*FOWS 7216 is required

INSTITUTIONAL ADVANCEMENT COMMITTEE

AUBURN UNIVERSITY PORTFOLIO UPDATE

Time will be allocated for a presentation to the Institutional Advancement Committee of the Board of Trustees an update from the investment consultant Prime-Buchholz, the firm that provides investment services to Auburn University Foundation, related to the Foundation's and Auburn University's endowments.



October 18, 2018

MEMORANDUM TO: President Steven Leath 
FROM: Jane DiFolco Parker,  Vice President for Development
SUBJECT: Board of Trustees Agenda Item: Auburn University Endowment
Portfolio Update

PROPOSAL:

It is proposed that the Institutional Advancement Committee of the Board of Trustees be presented an update from investment consultant Prime-Buchholz, the firm that provides investment consulting services to the Auburn University Foundation, related to the Foundation's and Auburn University's endowments.

BACKGROUND AND INFORMATION:

While maintaining its fiduciary responsibility for ownership of Auburn University's endowments by establishing investment and spending policies, the Board of Trustees delegates to the Auburn University Foundation authority for the day-to-day management of the endowment portfolio. This includes development of investment strategies; tactical allocation among approved asset classes; strategies within asset classes; and investment manager selection and termination. In order to facilitate communication and reporting between the Auburn University Board of Trustees and the Auburn University Foundation Investment Committee, a member of the Auburn University Board serves on the Auburn University Investment Committee.

RATIONALE FOR RECOMMENDATION:

The Board of Trustees periodically should receive reports from the university endowment manager. We are recommending the November, 2018, meeting as the appropriate opportunity for the proposed reporting.

c: Jon Waggoner
Gena Isbell



ENDOWMENT INVESTMENT REVIEW

November 16, 2018

Long-Range Goals

- To earn a total investment return, with prudent levels of risk, which maintains the purchasing power of the endowment and supports the endowment's mission.
- To provide consistent annual payouts in support of the university's programs.

Investment Fund Responsibility Matrix

Auburn University Foundation Investment Committee:

- Develop and recommend Investment and Spending Policies
- Approve Asset Allocation policy changes
- Approve investment manager, custodian, and investment consultant changes
- Monitor investment performance and liquidity with report to the Board

Investment Fund Responsibility Matrix

Investment Consultant, Prime Buchholz (hired 2003):

- Provide market overview regarding investment opportunities/risks
- Recommend Investment Policy and Asset Allocation changes
- Conduct due diligence on current and prospective investment managers
- Evaluate fund and manager performance, maintain manager watch list, and report to the Investment Committee
- General support to the committee and Investment Office
- Primary contact: Greg DeSisto

Investment Fund Responsibility Matrix

Auburn University Foundation Board:

- Approve Investment Policy and Spending Policy as recommended by the Investment Committee
- Receive periodic reports from the Investment Committee regarding Fund investment performance



Investment Consultant to
Auburn University and
Auburn University Foundation

273 Corporate Drive, Portsmouth, NH 03801 T: 603.433.1143 F: 603.433.8661

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Firm Overview

THE PRIME BUCHHOLZ DIFFERENCE

Our steadfast independence is the foundation of our client-first approach.

We offer investment advice that is unbiased by outside business influences, and all of our revenues are derived from services provided to our clients' investment programs.

Experience

Our consulting team is experienced in institutional investment consulting, client fund management, and institutional finance. Consultants average 27 years of practice; we have no junior consultants.

Stability

Our consultant teams stay constant, providing clients stable and direct relationships with their service teams.

Client Focus

We serve as a comprehensive, open-ended resource for our clients, ready and able to respond nimbly to their unique requirements and needs.

Value-Add

Our disciplined investment process is aimed at controlling risk through asset allocation, diversification, and rigorous manager selection/evaluation.

CLIENTS WE SERVE

Roughly 90% of our client assets comprise sophisticated, trustee-driven programs; they are significant pension, endowment, foundation, family office, and operating funds.

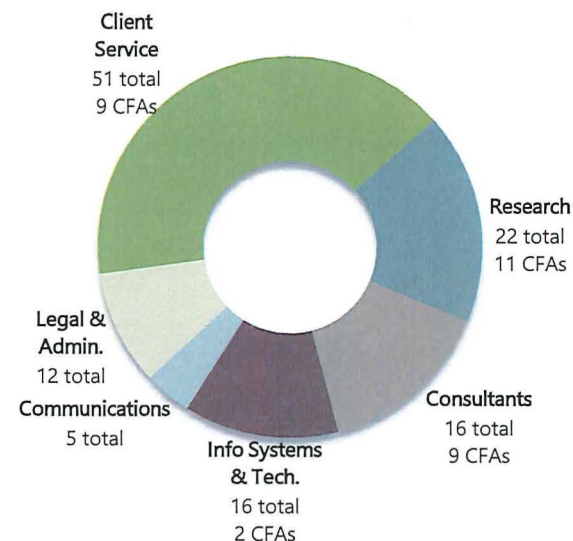


- Colleges/universities
- Community foundations
- Cultural institutions
- Faith-based entities
- Independent schools
- Private clients and family foundations
- Public/charitable foundations
- Health care & insurance organizations

Prime
BUCHHOLZ

Auburn University & Auburn University Foundation

Our Staff



ABOUT US

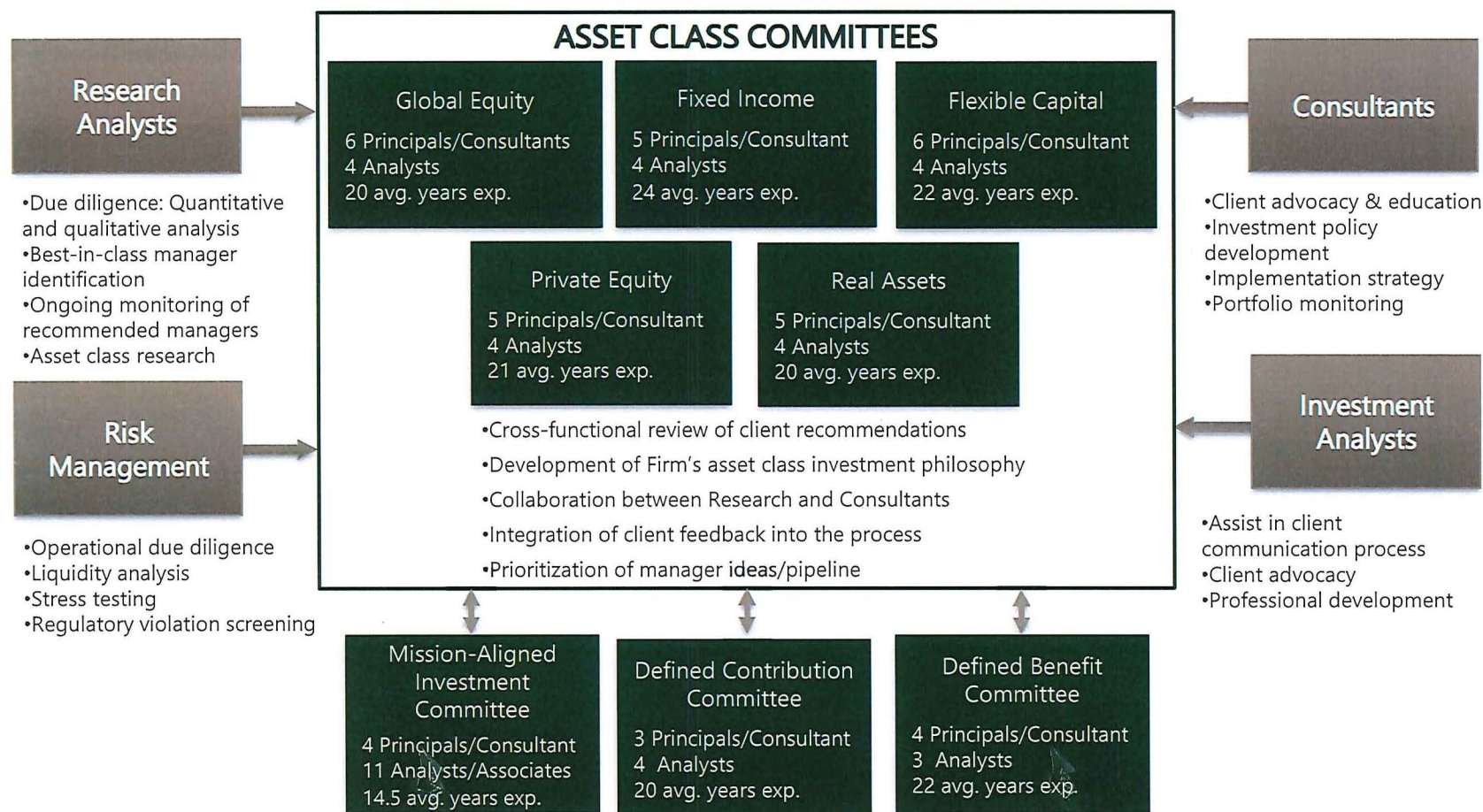
- Full-service, **independent**, institutional investment consulting firm since 1988
- SEC-registered investment adviser
- Headquartered in Portsmouth, NH with offices in Boston and Atlanta
- Advise more than 260 clients representing total assets of \$57 billion
- 100% employee-owned
- 31 CFA charterholders, 11 CAIA charterholders, and 6 CIPM designees

Prime Buchholz is registered as an investment adviser under the Investment Advisers Act of 1940, as amended. Registration as an investment adviser does not imply a certain level of skill or training

Investment Decision Framework

INVESTMENT COMMITTEE

The Investment Committee guides Prime Buchholz investment philosophy and process; decisions are implemented through five Asset Class Committees (“ACCs”). The ACCs are responsible for asset class implementation philosophy and the oversight of manager recommendations and the due diligence process. The ACCs further support the Firm’s Mission-Aligned Investment, Defined Contribution, and Defined Benefit Committees.



EXECUTIVE COMMITTEE

RESOLUTION

POSTHUMOUS AWARDING OF THE BACHELOR OF SCIENCE DEGREE TO
COURTNEY TAYLOR THOMAS

WHEREAS, Courtney Taylor Thomas, an undergraduate student in Natural Resources Management at Auburn University, passed away on October 22, 2018; and

WHEREAS, Courtney Taylor Thomas passed away before she could complete the requirements necessary for a Bachelor of Science in Natural Resources Management; and

WHEREAS, the Dean of the School of Forestry and Wildlife Sciences, the Provost, and the President recommend that the Bachelor of Science in Natural Resources Management be awarded posthumously.


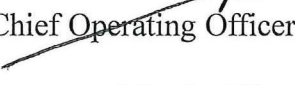

NOW, THEREFORE, BE IT RESOLVED by the Auburn University Board of Trustees that the degree of Bachelor of Science in Natural Resources Management is hereby granted posthumously to Courtney Taylor Thomas in recognition of her academic achievements as a student at Auburn University.

BE IT FURTHER RESOLVED that the Board hereby expresses its sympathy and condolences to the family of Courtney Taylor Thomas in this period of sadness and that a copy of this resolution be presented to them so that they will know of this action and the university's deep loss.



AUBURN UNIVERSITY

OFFICE OF THE PROVOST

TO: Steven Leath, President 
THROUGH: Ronald Burgess, Chief Operating Officer 
FROM: Bill Hardgrave, Provost and Senior Vice President for Academic Affairs 
SUBJECT: Agenda Item for the Board of Trustees - Posthumous Awarding of the Bachelor of Science in Natural Resources Management
DATE: October 24, 2018

I have received a request from the School of Forestry and Wildlife Sciences to award posthumously the Bachelor of Science in Natural Resources Management to Miss Courtney Taylor Thomas. Miss Thomas passed away in October 2018 before completing the requirements necessary for her degree. Following a careful review of her academic records, the faculty in the School all concur that her academic achievements ensure Miss Thomas meets the requirements necessary to be awarded a degree posthumously.

Please find attached a formal request from Associate Dean Scott Enebak and Dean Janaki Alavalapati from the School of Forestry and Wildlife Sciences. I am requesting that this item be placed on the Board of Trustees Agenda for the November 16, 2018 meeting.



SCHOOL OF FORESTRY AND WILDLIFE SCIENCES

Date: October 22, 2018

To: Dr. Bill Hardgrave, Provost and Senior Vice President for Academic Affairs

Through: Janaki Alavalapati – Dean School of Forestry and Wildlife Sciences

From: Scott Enebak – Associate Dean for Academic Affairs, SFWS

Re: Request for posthumous degree for Courtney T. Thomas

With this memo, we request consideration of conferring a posthumous B.S. degree for Courtney Thomas, who passed away on October 22, 2018. Ms. Thomas came from Valley Alabama and was a senior in Natural Resources Management in the School of Forestry and Wildlife Sciences. Courtney was in good academic standing at Auburn University and just 3 courses short of her B.S. degree that would have been completed in the Spring 2019 semester. She had completed all her major coursework and was scheduled to complete her NATR minor at the point of her death.

We appreciate your attention in this matter. Please feel free to contact me if you have any questions.

3301 Forestry and
Wildlife Sciences Building
Auburn, AL 36849-5418

EXECUTIVE COMMITTEE

PROPOSED AWARDS AND NAMINGS

Time will be allocated for discussions of any awards and naming's.