



Consent Agenda Items
Meeting
of the
Board of Regents

February 9, 2017



AGENDA ITEMS
MEETING OF THE BOARD OF REGENTS
THE TEXAS A&M UNIVERSITY SYSTEM
February 9, 2017
College Station, Texas

1. COMMITTEE ON FINANCE

- 1.1 Approval of Increased Undergraduate Non-Resident Designated Tuition at Texas A&M University, A&M System

2. COMMITTEE ON AUDIT

3. COMMITTEE ON BUILDINGS AND PHYSICAL PLANT

- 3.1 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Applied Sciences Building Project, Tarleton State University, Stephenville, Texas (Project No. 04-3195), A&M System
- 3.2 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Dallas AgriLife Center Project, Texas A&M AgriLife Research, Dallas, Texas (Project No. 06-3192), A&M System
- 3.3 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Science and Technology Building Project, Texas A&M University-San Antonio, San Antonio, Texas (Project No. 25-3158), A&M System
- 3.4 Approval of the Revised Project Scope and Budget, Appropriation for Construction Services, and Approval of Construction for the Equine Phase II Initiative Project, Texas A&M University, College Station, Texas (Project No. 2016-01317), Texas A&M

Report

Report of System Construction Projects Authorized by the Board

4. COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS
5. THE TEXAS A&M UNIVERSITY SYSTEM BOARD OF REGENTS *(not assigned to Committee)*

- 5.1 Adoption of a Resolution Honoring Flavius C. Killebrew as President of Texas A&M University-Corpus Christi and Bestowing the Title of President Emeritus, A&M System
- 5.6 (Placeholder) Adoption of a Resolution Honoring Ms. Judy Morgan for her Outstanding Dedication and Service as a Member of the Board of Regents of The Texas A&M University System and Bestowing the Title of Regent Emeritus, A&M System BOR

Executive Session Items

- 5.2 *Authorization to Lease Approximately 48,000 Square Feet of Office Space in the City of College Station, Brazos County, Texas, Texas A&M
 - 5.3 *Authorization to Sell Land and Improvements at 54 Adler Circle in Galveston, Galveston County, Texas, Texas A&M
 - 5.4 *Authorization to Execute Multiple Building Space Leases for Communications Equipment in the Hensel Park II Communications Building to Facilitate Wireless Carriers Providing Service to Kyle Field, A&M System
 - 5.5 *Approval of Proposed Settlement Agreement in *Dr. Jennifer D. Oyler v. Texas A&M University-Commerce*, and Authorization for President to Execute Agreement and Related Documents, A&M System
6. CONSENT AGENDA ITEMS

The Texas A&M University System/Board of Regents

- 6.1 Approval of Minutes, BOR
- 6.2 Granting of the Title of Emeritus/Emerita, February 2017
- 6.3 Confirmation of Appointment and Commissioning of Peace Officers
- 6.4 Approval of Revisions to System Policy 31.08, *Emeritus/Emerita Titles*
- 6.5 Approval of Revisions to System Policy 51.01, *Capital Planning*
- 6.6 Approval of Revisions to System Policy 51.05, *Furnishing and Equipping New and Renovated Buildings*
- 6.7 Confirmation of New and Amended Field Trip and Study Abroad Fees for The Texas A&M University System, A&M System

**Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.*

Tarleton State University

- 6.8 Authorization to Award an Honorary Degree to Mr. A. Dwain Mayfield

Texas A&M International University

- 6.9 Approval of Academic Tenure, February 2017

Texas A&M University

- 6.10 *Authorization to Establish Five Quasi-Endowments
- 6.11 Approval of Academic Tenure, February 2017
- 6.12 Granting of Faculty Development Leave for FY 2018
- 6.13 *Naming of the Texas A&M University Institute for Advanced Study

Texas A&M University-Commerce

- 6.14 Naming of the Hall of Languages

Texas A&M University-Corpus Christi

- 6.15 Authorization to Establish a Quasi-Endowment Entitled the "Mary Hill Peer Educator Endowed Scholarship"

Texas A&M University-Kingsville

- 6.16 Granting of Faculty Development Leave for FY 2018

Texas A&M University-San Antonio

- 6.17 Approval of a New Bachelor of Applied Arts and Sciences Degree Program with a Major in Water Resources Science and Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.18 Approval of a New Master of Science Degree Program with a Major in Water Resources Science and Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

West Texas A&M University

- 6.19 Authorization to Award an Honorary Degree to Ms. Helen Piehl

6.20 Approval of a New Master of Science Degree Program with a Major in Computer Information Systems and Business Analytics, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

6.21 Naming of West Texas A&M University Classroom – Smart Classroom 1

Texas A&M Engineering Experiment Station

6.22 Establishment of the Center for Infrastructure Renewal as a Joint Center
(also listed under TTI)

Texas A&M Transportation Institute

6.22 Establishment of the Center for Infrastructure Renewal as a Joint Center
(also listed under TEES)

A&M System	The Texas A&M University System
A&M-Central Texas	Texas A&M University-Central Texas
A&M-Commerce	Texas A&M University-Commerce
A&M-Corpus Christi	Texas A&M University-Corpus Christi
A&M-San Antonio	Texas A&M University-San Antonio
A/E.....	Architect/Engineer
AgriLife Extension.....	Texas A&M AgriLife Extension Service
AgriLife Research	Texas A&M AgriLife Research
BOR	Board of Regents
FP&C.....	Facilities Planning and Construction
NCTM	National Center for Therapeutics Manufacturing
POR.....	Program of Requirements
PUF	Permanent University Fund
PVAMU	Prairie View A&M University
RFS.....	Revenue Financing System
TAMHSC	Texas A&M Health Science Center
TAMIU	Texas A&M International University
TAMUG.....	Texas A&M University at Galveston
TAMUT	Texas A&M University-Texarkana
Tarleton.....	Tarleton State University
TEES.....	Texas A&M Engineering Experiment Station
TEEX.....	Texas A&M Engineering Extension Service
Texas A&M at Qatar	Texas A&M University at Qatar
Texas A&M	Texas A&M University
Texas A&M-Kingsville.....	Texas A&M University-Kingsville
TFS.....	Texas A&M Forest Service
THECB.....	Texas Higher Education Coordinating Board
TTI.....	Texas A&M Transportation Institute
TVMDL.....	Texas A&M Veterinary Medical Diagnostic Laboratory
UTIMCO.....	The University of Texas Investment Management Company
WTAMU.....	West Texas A&M University

**Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.*

Agenda Item No. 6.1

**THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Board of Regents
January 19, 2017**

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Minutes

I recommend adoption of the following minute order:

“The following minutes are approved:

**November 10, 2016 Regular Board Meeting,
November 10, 2016 Special Workshop Meeting,
November 11, 2016 Special Workshop Meeting,
December 12, 2016 Special Telephonic Meeting”**

Respectfully submitted,

Vickie Burt Spillers
Executive Director

Attachments (4)

MINUTES

REGULAR MEETING

BOARD OF REGENTS

THE TEXAS A&M UNIVERSITY SYSTEM

HELD IN

COLLEGE STATION, TEXAS

November 10, 2016

(Approved February 9, 2017)

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DRAFT

**MINUTES
REGULAR MEETING
BOARD OF REGENTS, THE TEXAS A&M UNIVERSITY SYSTEM**

November 10, 2016

CONVENE

Chairman Clifton L. Thomas, Jr. convened a regular meeting of the Board of Regents of The Texas A&M University System at 8:31 a.m., Thursday, November 10, 2016, in the Board Meeting Room on the campus of Texas A&M University, College Station, Texas. The following members of the Board were present:

Mr. Clifton L. Thomas, Jr. Chairman
Ms. Elaine Mendoza, Vice Chairman
Mr. Phil Adams
Mr. Robert L. Albritton
Mr. Anthony G. Buzbee
Mr. Morris E. Foster (*joined the meeting at 1:00 p.m.*)
Mr. Bill Mahomes
Ms. Judy Morgan
Mr. Charles W. Schwartz
Ms. Stephanie Y. Martinez, Student Regent

RECESS TO EXECUTIVE SESSION

Chairman Thomas announced that the Board would recess to executive session as permitted by Chapter 551, Sections 71, 72, 73, 74 and 76 of the Texas Government Code. He said in accordance with the law, no final action, decision or vote with regard to any matter considered in executive session would be made or taken.

(Note: The Board met in executive session from 8:31 a.m. until 11:28 a.m.)

RECONVENE

At 1:00 p.m., Chairman Thomas reconvened the meeting in open session in the Bethancourt Ballroom of the Memorial Student Center. He said a quorum of the Board was present. He announced that the Board met in executive session from 8:31 a.m. to 11:28 a.m. and considered executive session agenda items and conferred with Chancellor John Sharp, several system and university administrators and system attorneys on personnel, real property and legal matters.

INVOCATION

Chairman Thomas called on Ms. Jazzmin Babers '16, a Texas A&M Interdisciplinary Studies major and All-American Middle Blocker on Texas A&M's defending Southeastern Conference volleyball team, from Syracuse, New York, who presented the invocation.

CHAIRMAN'S REMARKS

Chairman Thomas said since the last regular meeting, the Board had made several leadership appointments. He said Dr. Ray Keck, was Interim President of Texas A&M University-Commerce and Dr. Pablo Arenaz was Interim President of Texas A&M International University (TAMIU). He said additionally, effective January 1, 2017, Dr. Kelly Quintanilla would serve as interim president of Texas A&M University-Corpus Christi, following the retirement of Dr. Flavius Killebrew. He advised that also joining the A&M System on January 15, was Carrie Byington, M.D. as Vice Chancellor for Health Services, Dean of the College of Medicine and Senior Vice President for the Texas A&M Health Science Center (TAMHSC) within Texas A&M. Chairman Thomas said the A&M System institutions would be in good hands with these leaders on board.

CHANCELLOR'S REMARKS

Chancellor Sharp highlighted accomplishments of the A&M System (a copy of which is on file in the Office of the Board of Regents).

**PRESENTATION REGARDING STRATEGIC OPPORTUNITY
FOR TEXAS A&M UNIVERSITY-CORPUS CHRISTI AND
TEXAS A&M UNIVERSITY-KINGSVILLE**

Chancellor Sharp said this presentation (on file in the Office of the Board of Regents) was about whether the A&M System wanted to produce the largest university (in South Texas) at 22,000 students, the largest research university at \$45 million, the most diverse academic university with courses offered by both universities, and the strongest athletic program. He advised that this would produce the most powerful university in all four areas west of College Station and south of Austin. Chancellor Sharp said the university would become the first emerging research university in the A&M System, at \$45 million in research, and attract jobs, industry and additional research. He added that the emerging research university designation would also result in at least \$10 million to the merged universities in research from government sources. He said the consolidation would provide an opportunity for all sports to become Division I, and the effect that athletics had on enrollment and the reputation of the school was undeniable. Chancellor Sharp noted that along with their friends and partners in Corpus Christi and Kingsville and the universities' alumni, they should decide if they wanted to produce the most powerful university west of College Station and south of Austin in Texas. He said they viewed this as a win-win situation. He emphasized that they had perhaps the last opportunity to produce an amazing university for the students and Texas. Chancellor Sharp said that was reason enough to explore this and proceed.

Chancellor Sharp announced that The University of Texas (UT) had combined their universities south of that area, and at their upcoming board meeting, would inject \$20 million into The University of Texas Rio Grande Valley (UTRGV). He said they knew what would happen at the McAllen Center that the A&M System just placed in the Rio Grande Valley, and what was happening at Texas A&M University-San Antonio, where the freshman class far exceeded everything they expected. He pointed out that those

two universities would grow substantially over the years, and they needed to decide whether in 15 years from now they would have the two smallest universities in that area, or would dominate that region with this merger. Chancellor Sharp said there were numerous strategic opportunities; for example, a massive infusion in engineering was needed immediately at A&M-Corpus Christi. He noted that did not mean they would take anything from Texas A&M-Kingsville; they just needed an ocean engineering program to match the Harte Institute. He said they needed industrial engineering for shipping companies like Maersk and others where students could intern. Chancellor Sharp explained that those engineering programs attracted incoming industries, such as ExxonMobil or steel companies from China. He said it had been suggested that they not move any programs from either university for five years after the Southern Association of Colleges and Schools (SACS) accreditation. He advised that this gave everyone time to move together, but it did not mean they could not add programs to Texas A&M-Kingsville or A&M-Corpus Christi, like the engineering programs they discussed. Chancellor Sharp said everyone should keep an open mind and focus on the students and creating the most powerful university in South Texas for a long, long time into the future. He stated that they must determine how the legislators and individuals in those communities feel because it is a strategic opportunity.

Dr. Steven Tallant, President of Texas A&M-Kingsville, reported that Texas A&M-Kingsville and A&M-Corpus Christi had a long history. He said at one time, Texas A&M-Kingsville was Texas A&I, and in the 1970s was part of the University System of South Texas (USST), with headquarters located on the King Ranch. He added that Texas A&I was the flagship university of that system with upper level campuses in Corpus Christi and Laredo. Dr. Tallant said during that 12-year span, they worked together and made efforts to strengthen and improve all three universities. He explained that the USST had a presence in the Coastal Bend area, and they saw other universities emerging and knew they must work together. He said since joining the A&M System in 1989, TAMU, Texas A&M-Kingsville and A&M-Corpus Christi had flourished and done incredibly well. He noted that he viewed this conceptually as closing the loop or coming back to where they were many decades ago.

Dr. Tallant explained why they would consider this merger. He said they envisioned two campuses, one mission. He noted that the campuses were separated by 36.6 miles, approximately an hour of travel time. He said one-third of the Texas A&M-Kingsville faculty lived on the south side of Corpus Christi. Dr. Tallant added that these two campuses shared many resources and individuals commuting daily between the campuses.

Dr. Tallant said consider 30 years from now how this regional university could best produce students for South Texas and help economic development. He pointed out that this vision looked at regional universities and the fact that every great region had a great university producing research to support it. He said this would create the largest university serving South Texas, the most university research activity south of San Antonio and be extremely close to creating an emerging research university. Dr. Tallant noted that currently there were seven emerging research universities in the state. He said four were in the UT System, along with Texas Tech University, the University of Houston and the

University of North Texas (UNT). He advised that the merger would result in the first emerging research university in the A&M System, and a tremendous increase in opportunities for students and faculty. Dr. Tallant said it automatically opened up everything they had available on each campus to all students. He emphasized that they could deliver courses by distance education where students did not have to commute between campuses. He said faculty could also travel to the campuses to teach. He reported that there were ways to deliver courses and increase opportunities for students. Dr. Tallant said as an emerging research university, opportunities for faculty would increase tenfold in helping build their research portfolios and their careers.

Dr. Tallant announced that data on merging institutions reflected some cost savings, and he suggested putting those cost savings back into faculty and student success to create an environment where everyone did well. He said they could do more for the same, not the same for less. He added that there would be an incredible wealth of natural resources on the land, sea and air if these two universities were combined. Dr. Tallant added that Texas A&M-Kingsville had the best wildlife research center in the country in the Caesar Kleberg Wildlife Research Center. He pointed out that wildlife did not stop at the ocean, but could be in the sea, and combining those resources expanded what faculty could do in terms of research. He said the issue hinged on local and System interest and there were now reasons for that interest. Dr. Tallant advised that Dr. Killebrew would be retiring which left an opening and the timing was right to look at this. He said he was convinced that if they did not do this within six, eight or ten years, the state Legislature would do it anyway. He noted that within the last several years, Georgia had merged eight universities into four universities. Dr. Tallant said they had also done it in Indiana, and state legislatures were looking at universities with similar missions and proximity to consolidate. He stressed that the Coastal Bend region and Corpus Christi were prime for economic development. Dr. Tallant said they should think of Kingsville as The Woodlands 50 years ago; who thought The Woodlands would be where they were now. He asked where Kingsville would be in 40 or 50 years. He said with the current economic development, the opportunity to become an emerging research university and serve that region made remarkable sense. Dr. Tallant reported that he had spent many years in enrollment management and knew they must have a product that attracted faculty and students. He said a unified university would do both, and he worried about Texas A&M-Kingsville's future in enrollment, student success and research. Dr. Tallant stated that this merger would help, and if they did not grow, they would lose funding because formula funding was based on growth. He said they not only had to grow, they had to grow better than everyone else did. He emphasized that they could stay where they were and be good, but eventually they would not be able to sustain it financially. Dr. Tallant said this was a model of sustainability for the future.

Dr. Tallant said the academic competition in South Texas was A&M-Corpus Christi and Texas A&M-Kingsville, UTRGV in the south, A&M-San Antonio in the north and the University of Texas at San Antonio (UTSA); the area they wanted to capture. He added that with this merger, the university would contain 21,000-plus students and remain a minority and Hispanic-serving institution (HSI). Dr. Tallant said that was extremely important so that they were still open to the federal and state funding they needed to service the Hispanic population. He advised that this put them in a unique situation of

having a large HSI institution to meet the needs of South Texas. He said last year the combined universities awarded 3,900 diplomas, had a total of \$42 million in research expenditures, and the restricted research -- the federally funded research -- was \$27 million. Dr. Tallant emphasized that the endowments would be huge between the two, but there was concern about what would happen to endowments. He said it was not unusual for universities to have endowments for each college; the money could be dedicated to each campus. He noted that the endowments did not have to change, unless they wanted to create an endowment for both campuses together. Dr. Tallant said the merger would put them 12th in total enrollment, 7th in Hispanic enrollment, and 13th in degrees awarded out of 39 public universities in Texas.

Dr. Tallant discussed why they would want to become an emerging research institution. He said for one, it attracted a high caliber of faculty, attracted graduate students, and opened up an enormous amount of resources to the university. He advised that it would take approximately two years after the institutions unified to apply for this funding. He said upon acceptance by SACS, in two years, they would be eligible for the Texas Research Incentive Program (TRIP), a biennium funding of \$138 million going to seven universities in Texas, or approximately \$9 million. Dr. Tallant added that they would also be eligible for the Core Research Support Fund, approximately \$117 million. He said they would be eligible for over a quarter of a million dollars. He noted that it would take several years of growing research expenditures to get the National University Research Fund, but it would be on the horizon. Dr. Tallant said becoming an emerging research institution provided an enormous amount of finances for the university to grow faculty, attract graduate students and increase economic development.

Dr. Tallant announced that the criteria to become an emerging research institution was to offer a comprehensive range of excellent undergraduate and graduate programs; award a minimum of 30 Ph.D. degrees annually; and generate 20% of the research universities' criteria for restricted research expenditures -- 20% of \$150 million, adjusted for inflation, or \$30 million. He said between the two institutions there was a tremendous array of programs -- 98 undergraduate programs (some would be duplicates, but not all); 67 master programs, and 11 Ph.D. programs. He noted that they could not count a doctorate in nursing or an E.D.D.; it had to be a Ph.D. Dr. Tallant said they would instantly be at \$27 million in research expenditures, \$3 million below that threshold and within several years, they would exceed that. He pointed out that they needed to work on increasing the Ph.D. students; it had never been an emphasis at either campus. Dr. Tallant said the most current data indicated that the two institutions graduated 22 Ph.D. students. He added that they would need eight more each year, and Texas A&M-Kingsville had a new Ph.D. program in Sustainable Systems Engineering. Dr. Tallant said they were accepting 10 students per year and were in the second year of that program, so they should easily be able to meet that criteria. He explained that they either were on the verge of, or had met, all three criteria to become an emerging research institution.

Dr. Quintanilla said she would discuss the advantages and challenges of the proposed merger. She pointed out that as often discussed at Board meetings, the success of the students mattered most. She said the merger of Texas A&M-Kingsville and A&M-Corpus Christi would result in broader access to more diverse programs of study for all

students with increased access to academic courses and majors. She explained that this was important to students who had not yet chosen their major, or were changing their majors. She said it was also critically important -- and why it was part of the emerging research criteria -- that they looked toward the future for students' jobs, which did not yet exist. Dr. Quintanilla emphasized that there was a need for students to think interdisciplinary and have a diverse course of study, and this would definitely be an advantage in that area. She said another advantage was reducing administrative costs, which would free up funding that eventually could be funneled into student education and research. She said both campuses had developed a host of initiatives that would retain students and help them become successful. Dr. Quintanilla said as they moved into the emerging research category and with their increased enrollment, they would have access to additional funding sources for initiatives happening on either campus to benefit students.

Dr. Quintanilla said another advantage for students related to teaching and research, that by working together, students on both campuses would have access to lab space and equipment, as well as distance learning opportunities. She added for example, an A&M-Corpus Christi student might want to take an engineering course not offered at A&M-Corpus Christi, so they could take that course at Texas A&M-Kingsville as a distance opportunity with access to their labs. Dr. Quintanilla said a Texas A&M-Kingsville student might be interested in something A&M-Corpus Christi had to offer, or a research project with a faculty member or students on A&M-Corpus Christi's campus related to the Lone Star Unmanned Aircraft System. She advised that it would be beneficial to students on both campuses. She said both universities were fast tracking to emerging research institution designation, which meant access to funding that supported research initiatives for faculty. Dr. Quintanilla explained that any time faculty engaged in research, it benefitted students. She said both campuses worked with graduate students and undergraduate students, which was extremely important. She noted that to increase the number of minority faculty in underserved populations, they must get first-generation students in underserved populations into research early so they could see that as a projection down the line. Dr. Quintanilla said this merger would result in a very large institution with the ability to reach out to students that wanted to stay closer to home. She pointed out that there were other advantages for South Texas. She said the Coastal Bend region was poised to take off in ways that were unprecedented in terms of their success. Dr. Quintanilla stated that many industries were entering the area, and both institutions had helped create an environment for the multitude of opportunities. She said industry would not enter an area unless there was an educated workforce and both universities had worked closely with industry to support that. She added that they would continue to support those efforts, which was important to students, their job opportunities and the Coastal Bend. Dr. Quintanilla said in FY 2013, the two campuses combined produced \$751 million in economic benefits for the Coastal Bend region, which would increase once they received the emerging research status.

Dr. Quintanilla said there were also challenges, concerns and important issues to consider if the two institutions merged. She noted that A&M-Corpus Christi and Texas A&M-Kingsville were both vibrant, growing and successful institutions. She said there were points of pride in both communities; the Islander university and Javelina nation each had a culture and identity important to who they were and was what helped lead to

their success. Dr. Quintanilla pointed out that as they considered this merger, becoming one university and blending those identities and cultures would be a challenge. She said although ultimately there would be cost savings, they would reinvest that into student success and other educational opportunities. She advised that in the short run the cost savings should probably be invested into marketing areas like advertising and signage that would have to be changed on both campuses. Dr. Quintanilla said additionally they would need to invest in increasing technology for administrative functioning across both campuses and increasing technology opportunities for more distance learning between the two campuses. She added that other concerns related to broad areas of functioning; such as how local concerns about the future direction of the university would be addressed, or how to engage and encourage alumni support, or how to establish a process to communicate effectively with faculty, staff and students to solicit their input into this process. Dr. Quintanilla explained that other concerns were how to resolve back office issues. She said a lot must be worked out related to operations, student records and fundraising. She reported that both enrollment management offices were worried about what the possible merger would do to recruitment for this upcoming year. Dr. Quintanilla said the athletic departments were also extremely worried. She emphasized that branding issues also must be considered and how to build on or enhance the university's identity over time. She said underlying all these broad categories were a host of questions and issues that must be addressed as they moved forward.

Dr. Quintanilla noted that as Dr. Tallant mentioned, states like Georgia had recently gone through multiple mergers with lists of hundreds of points to consider for a successful merger. She said they would have to ask those critical questions. She advised that in the area of logistics related to academics, they would have to consider many programs, everything from the catalog to what would transfer from university to the next, to what programs overlapped and so on. Dr. Quintanilla said if done correctly, the unified campus could be more efficient with better academic support and programming, but it would take time. She stressed that they would definitely want to ensure that they worked through those details collectively so they had a much stronger outcome. She said athletics must be carefully considered, because A&M-Corpus Christi was a Division I university in the Southland Conference, and Texas A&M-Kingsville was a Division II university in the Lone Star Conference. Dr. Quintanilla pointed out that A&M-Corpus Christi had the same number of men's sports, but the Javelinas had football and A&M-Corpus Christi had men's tennis. She said in women's athletics, they shared eight different sports, and A&M-Corpus Christi had an additional sport, women's soccer. She added that moving forward, decisions needed to be made on how to work through all the logistics and deal with Title IX issues related to the male-to-female student ratio. Dr. Quintanilla said one advantage was the possibility of having Division I football with the same athletic budget. She said that for example, Sam Houston State University's athletic budget was \$15 million and the combined budget of A&M-Corpus Christi and Texas A&M-Kingsville would be \$18 million. She said both institutions had amazing students, who were changing their families and taking on the world by becoming first-generation college students. Dr. Quintanilla explained that the universities were comprised of nationally recognized faculty and dedicated staff, with a strong alumni base and community support. She said as they moved forward, the first priority was communication with these stakeholders. She stated it was important to share information as they were doing today, but also receiving

input to determine the best way to move forward while keeping in mind what was best for the students.

Dr. Killebrew said he would explain the process involved in the potential consolidation. He pointed out that first, the Board's approval was required and implementation would take between three to five years to complete. He said the next step was filing the legislation. Dr. Killebrew added that after the legislation was filed, the Texas Higher Education Coordinating Board (THECB) would be asked to submit an impact statement laying out the pros and cons and the estimated cost to the Legislative Budget Board (LBB). The impact statement would be part of the information considered by legislators in their decision on passage of a bill authorizing the consolidation. He advised that once the bill passed and became law, the additional steps related to accreditation by SACS' Commission on Colleges (COC). Dr. Killebrew noted that the SACS COC's accreditation was necessary for the new institution since financial aid was tied to that, and it was important they ensured that happened effectively and efficiently. He said they were required to immediately notify SACS that this would happen. He explained that it must be done at least six months before the merger and SACS COC would respond with a review and approval process, which could include a campus visit. He said this process would take a minimum of two to three years to complete. Dr. Killebrew reported that additionally both institutions had program-specific accreditations. He said both engineering programs were Accreditation Board for Engineering and Technology, Inc. (ABET) accredited, which was necessary for student licensure. He stated that they would have to work through those issues with each one of the accrediting bodies for the disciplines. He said that was the last step in the process.

Regent Albritton announced that this was a fabulous presentation with many compelling reasons for the merger, but the devil was in the details. He said he believed that this had a lot of "devil" in it because this would not work without buy-in, which usually took some time. He pointed out that he understood they were trying to get this introduced in January or February in the Legislature and this was mid-November. Regent Albritton asked how much buy-in they could get from faculty, students, alumnus and others to ensure they were making the right decision. He added that while there were many compelling reasons to move forward, the Board had an obligation to ensure they had done the correct due diligence. He said this was a big step, which affected two major cities and the state. Regent Albritton emphasized that he would love to think that both cities would win, but often that was hard to execute. He said they needed to dig a little deeper below the surface to ensure that all stakeholders were on board, and only then could the Board make the right decision on how to proceed. He noted that he wanted more information on the faculty, students and alumni's position.

Regent Albritton said the Board's job was to educate students, not to be in a race with another university. He advised that they should examine whether or not they were educating students in South Texas. He said if Texas was carrying its load and the A&M System was carrying its load and all students were being educated, the System was accomplishing what the state had asked them to do. Regent Albritton added that if they were not educating the students and needed this type of growth and consolidation, then they must do something about that. He said an important question that should be asked

before they moved forward was if the A&M System was doing the job now. He explained that the research aspect and a combined student body of 21,000 was very compelling, but related to cost savings, they would have to have a football stadium and other facilities. Regent Albritton said consequently, there would be substantial costs.

Regent Albritton stated that he would feel more comfortable as they learned more details and gained confidence that all constituencies had bought into this in a fair and equitable way to all parties concerned. He said most consolidations were because a troubled school was consolidating with a healthy school to stay afloat. He emphasized that the A&M System was consolidating two very successful institutions, which was not often done. Regent Albritton said the schools in the Georgia model were troubled schools. He noted that they needed to look at the model of why institutions typically consolidate. He said they might argue that with the growth factor in this region they had an obligation to the state, students and industry to ensure they were addressing those -- but were they successfully doing that now. Regent Albritton pointed out that one of his concerns was how quickly they were trying to get this enacted in the upcoming legislative session with so many unknowns about whether the constituencies had really bought in. He said the last thing they wanted was a great pro forma, but the execution failed.

Regent Foster said he agreed with Regent Albritton that today's presentation was the beginning of the process, and filled in many of the gaps and questions he had. He added that it was an excellent pro forma that looked very enticing and something that could propel those two universities to the next level. Regent Foster said in terms of pace, the presentation included two slides entitled "Concerns" and "Other Considerations and Questions." He explained that he considered those slides Phase II, or the second part of the process. He said he did not know how -- as a Regent -- he could begin to approve a decision this big until he knew the answers to those concerns and considerations. Regent Foster emphasized that they could all believe it was an excellent idea, but without the "buy-in" from those most affected by it, how successful could they be. He said he supported the process they were involved in and going to the next step in the evaluation of the concerns and considerations, getting buy-in and so forth. He noted that from his experience, anything set as an arbitrary schedule without doing the due diligence work, did not work very well. Regent Foster said if they got it done by the legislative session, that was great, but if they did not, they must be driven by the facts and fundamentals of the opportunity they were looking at. He advised that they were on an excellent idea, but he was concerned about the speed of the process.

Regent Buzbee said he liked bold ideas like this, and the presentation was great, but was just the tip of the initial idea. He added that there were so many unanswered questions, which was why there was opposition. He said his first question was what the university would be called. Regent Buzbee asked what about the alumni from an institution that had been in existence since 1925. He said that ultimately one of the cities would dominate, because one was 16 times larger than the other. He pointed out that he liked the idea, but did not think they had focused enough on the down side. Regent Buzbee said they might save money administratively, but had not discussed how much it would cost to accomplish this and whether those two numbers were close to each other.

Regent Buzbee reported that they had not discussed how some programs might be phased out after five years due to the economy of scale or they were being offered elsewhere, and how that affected a commuter who could not travel to Corpus Christi or Kingsville for that program. He pointed out that A&M-Corpus Christi and Texas A&M-Kingsville were 45 miles apart. Regent Buzbee said they did not talk about how the merger might affect other A&M System members in the general area. He noted that there was some competitiveness within the System between some universities, and suddenly two A&M System institutions merged into a “big dog” university. He said other System members had worked equally hard and with whom would they consolidate. Regent Buzbee explained that he would like to see the biggest advantages and the biggest disadvantages. He advised that Kingsville’s population was actually lower than it was in 1990, so the data did not really support the glowing statements made in the presentation. Regent Buzbee announced that the Board was open to this idea and had always wanted a bigger university to get those research dollars, but he believed there would be a lot of push back, especially in Kingsville. He said they could reduce some of that if they demonstrated that this made sense and why.

Vice Chairman Mendoza thanked them for the presentation. She asked if there was a way to quantify, given the demographics of the state, especially South Texas, the unmet need over the next 10, 15 or 20 years, of that growing population and how the combination of these two institutions might meet that need. Dr. James Hallmark, Vice Chancellor for Academic Affairs, replied that they were working with the State Demographer’s office, which had excellent data. He said this data indicated the growth of various demographics in specific regions, the college-going rate of those demographics and the current capacity of institutions in that area. Vice Chairman Mendoza speculated that there would be a lot of unmet need over the next 10 to 15 years, especially in the institution’s location because of the first-generation student population. She questioned that since they were in the middle of this process, was it necessarily sequential how much could be done in parallel. She said if the Board took a vote to consolidate, it did not sound like that was a terminal decision. She added that legislation still had to pass and the SACS accreditation had to happen. Vice Chairman Mendoza said this did not mean it was a done deal, did it?

Dr. Hallmark responded that there certainly were some sequential components of the process, which Dr. Killebrew focused on. He said there were a number of steps; for example, they had been working with colleagues in Georgia and their spreadsheet had 438 decision points and components, and many were mixed into the process. He added that many of those components were questions Dr. Quintanilla mentioned needed to be addressed. Dr. Hallmark said those would be addressed as the opportunity arose. He advised that it would be premature to have taken a faculty consensus prior to this Board meeting; however, faculty consensus and buy-in was an essential component of that. He said those kind of things happened over time. Dr. Hallmark noted there were hundreds of steps, many needed to happen soon, and others were not urgent. Vice Chairman Mendoza asked how many of those steps were dependent upon some decision by the Board. She said what she heard was there was interest in pursuing this, but timing was a question, and there was so much data to be gathered. She asked did the Board’s vote help move that further and get everyone serious about providing them information and sharing their thoughts about this prospect.

Chancellor Sharp said the Board's vote would tell the Legislature to pursue it. He pointed out that they hoped the Legislature would not pursue the merger without the Board's vote. He said after the Board's approval, the Legislature would introduce a bill and then there would be hearings and the entire process to pass the legislation. Chancellor Sharp advised that the fastest the SACS accreditation had been completed was 18 months. He said that was where the intense study was done to determine what happened to academic programs in the consolidation.

Regent Schwartz said the point was that the process began here. He added that if they delayed that process, it would never happen.

Regent Albritton asked if they were requesting to go to the Legislature in January or February to introduce the bill. He said were they talking about passing a law that required the A&M System to combine the two institutions.

Regent Schwartz replied that he did not know the terminology.

Regent Albritton noted that if the bill passed, the Legislature would expect the A&M System to merge the two institutions.

Regent Schwartz responded that it might be written to allow that, after SACS accreditation and other processes took place, the A&M System be granted the authority to merge the institutions. He said it did not necessarily have to be a mandatory act.

Regent Buzbee commented that they could always decide later after they had collected information.

Regent Schwartz said that was part of the process where the Legislature, in its wisdom, would collect the input from various constituencies.

Chancellor Sharp announced that the Legislature would hold many committee hearings to gauge the public input. He added that legislators would discuss this with their constituencies and decide. He said in the end, the Legislature made the decision; what this did was indicate to the Legislature that the A&M System was interested in pursuing this merger. Chancellor Sharp emphasized that whether or not they chose to was their decision.

Regent Schwartz said this was a three to five-year process and if they did not start the process now, at best they were looking at a five to seven-year process.

Vice Chairman Mendoza stated that the specific notion was that the Legislature did not have to submit a bill in this session, just because this Board voted.

Regent Albritton said he did not believe that if the Board approved this, the Legislature would just sit there. He added that he felt like if the Board voted, they were saying they wanted to do it. Vice Chairman Mendoza reiterated that meant a Board vote wanted them to pursue this merger.

Regent Mahomes asked could they say that the Board's vote meant that they had no objection to moving forward. He agreed with Regent Buzbee, this was a big, bold idea. Regent Mahomes added that they should know as much as possible about it, but today they were not voting to approve this, just discussing if they should move forward.

Regent Foster noted that he would be willing to move ahead with the next part of the process. He said as a Board member -- approved by the Legislature to represent the people of this area -- until he saw that the constituents were in support of the idea and concept, he would not do much due diligence to say they would approve it to speed it up. He added that the Board had to satisfy each element of the approval process. He said they might be able to accomplish this in 30 or 60 days, but would be uncomfortable telling the Legislature that they had done everything they needed and were ready for their decision.

Regent Albritton said he understood that if the Board agreed to proceed, that gave Chancellor Sharp the authority to try to get a bill introduced and passed in the Legislature. He advised that the bill might contain stipulations that the A&M System had the right to back out, if the constituents' feedback was not conducive to doing this. He noted that there was not enough time between now and when they wanted to introduce this legislation to get all the information and answers. Regent Albritton said if they were going to vote, he wanted to know exactly what they were voting on, and the A&M System's commitment.

Vice Chairman Mendoza said there were several things they needed to know. She added that they did not want this swirling, and regardless if it took three to five years to earnestly begin the process of further investigating this and convincing the communities that the Board needed and wanted their buy-in, along with students, faculty and staff. Vice Chairman Mendoza said if they did not have a trigger event, who would take it seriously enough to put forth the effort in looking at the academic programs to find the gaps and duplicate programs. She advised that there was so much work to do and she was looking for a trigger event to show in earnest that they wanted to gather the appropriate information so that the Legislature and this Board could make the best decision possible.

Regent Albritton agreed, except for everyone's buy-in. He said if they voted to proceed today or in a week, every one of those communities would think that the Board had already made their decision because they were enacting a bill that allowed consolidation without their input.

Regent Schwartz stated that he agreed with Vice Chairman Mendoza that this was a wonderful opportunity, but the Board's first obligation was to maximize the students' chances for success. He said he spent a lot of time looking at the state of education in the nation and Texas, and unfortunately saw increasing stress on these two institutions. He added that this was a chance to provide a first-rate opportunity for students in both communities and turn two excellent universities into a great university. Regent Schwartz said he did not believe that a regent should do anything that had opposition from a substantial number of stakeholders in the various communities. He advised that the political process played out best in the Legislature, not before the Board of Regents. He

said the idea that the Regents would not worry about when the Legislature met and delay this process going forward, was to halt the process.

Regent Adams thanked them for an outstanding presentation. He said this consolidation had tremendous merit. He added that they were all mindful that change at any level was hard. He said it was incumbent upon this Board to decide if this was in the best interest of the students, communities they served, and the A&M System. Regent Adams advised that they needed buy-in, but there was always going to be a tremendous amount of push back and they would never get all the buy-in they wanted. He said Texas A&M might still be a military school without women, if not for Earl Rudder.

Regent Morgan asked would their motion give enough authority if -- instead of saying go forward, they approved the merger -- they gave authority to progress in the study of this situation.

Chairman Thomas announced that the Board was not voting on anything today. Regent Morgan responded that she understood, but would that satisfy the other Regents. Chairman Thomas said he did not know.

Vice Chairman Mendoza said for clarification, the Board was not the only decision maker in this process. She added that the Board was the beginning point, but there would be a lot of due diligence once there was a trigger event. She said the Legislature and legislators within those communities ultimately had to determine whether there would be legislation going forward. Vice Chairman Mendoza noted that the Board was part of the process, not the process.

Chairman Thomas said that made sense and agreed.

Student Regent Martinez explained that she would speak on behalf of students from both universities -- which kept both universities alive. She said that during the past month she had the honor of visiting Texas A&M-Kingsville and A&M-Corpus Christi, where she had the opportunity to meet students. She noted that a minimum of 100 students approached her the past week, and she had been contacted by approximately 50 students at each campus via telephone, email and Facebook, and received letters. Student Regent Martinez said both student government associations were livestreaming this meeting and thanked the panel for a great presentation. She commented that the presentation should clear up many questions that caused a lot of concern. She said aside from College Station, she had never entered a campus like Texas A&M-Kingsville where when she asked students why they were attending that university, they replied that their parents and grandparents had gone there. She said that it spoke a lot to what would be lost if these two campuses merged. She said at A&M-Corpus Christi, students were tremendously excited to be part of a growing campus, like TAMU and A&M-San Antonio.

Student Regent Martinez emphasized that students attended these universities based on the campus size. She said they had the option to attend a larger university like Texas A&M, but attended smaller campuses for particular reasons. She explained that

personally, she appreciated the student-to-staff ratio in classrooms, which would change with the merger. Student Regent Martinez said the letters she received from students stated that if they had wanted to attend A&M-Corpus Christi or Texas A&M-Kingsville, they would have. She noted that these students would lose the pride, culture and passion they identified with at their university. She said students attending A&M-Corpus Christi did not want to become “Javelinas,” and Texas A&M-Kingsville students were proud to be Javelinas, and expressed that at each game and daily on campus. Student Regent Martinez added that the student letters urged the Board to consider that they currently did not agree with the merger. She said that in her discussion with Chancellor Sharp, he asked how students could disagree with the proposal without the information. She added that she planned to discuss this with both student government associations within the next few weeks. Student Regent Martinez said they would review this Board meeting and the information to see what students wanted. She asked the Board to consider the cost of student attendance at a university like this. She said TAMIU and A&M-San Antonio were only two hours away, and part of the same university system that wanted to merge two great campuses into one Division I institution with a great athletics program, and they would never be able to catch up. She suggested that they make this presentation at each campus to see what the students wanted, because currently they did not agree with the merger. She said she would be happy to attend and answer questions for students. She pointed out that a Division I institution would not grow if students were not there.

Chairman Thomas thanked Student Regent Martinez for the students’ perspective.

Regent Mahomes said he wanted to add that in deference to the students -- which the Board must always be concerned about -- none of the students currently attending would be there when the merger became final. He advised that he was not being facetious, but change comes slowly and this would take a long time. He said he agreed with Regent Adams that Texas A&M would be much different if someone had not taken leadership in moving forward. Regent Mahomes added that personally, it would be different for women and others if not for the leadership. He said he did not know all the details, but the Board’s role was to take leadership, and how they got there should be left to the Board. He pointed out that he appreciated all the input, but they should not let bold ideas stop just because they did not have all the details. He said he also agreed that they should not move too quickly, but find a balance.

Regent Adams thanked Student Regent Martinez for her comments regarding the parents and grandparents who had attended these universities. He asked her to keep in mind that neither of these campuses would close with this merger. He said they would both be operational and the students would not lose that choice due to the consolidation.

Vice Chairman Mendoza asked if the combined universities were 52% Hispanic serving, and it decreased their stature as an HSI, would they be able to draw down more scholarship and student success dollars and be more competitive with that combination.

Dr. Hallmark said they did not have anything definitive on that. He added that there had been discussion about creating a higher level, like 40%, because so many institutions in the country were now at 25%, but to his knowledge, it had not been enacted. He said

that was a good persuasive point when they were talking about drawing down federal funding, particularly from the National Science Foundation (NSF).

Vice Chairman Mendoza asked if they had any information regarding how many additional dollars they could pull down for student success and scholarships.

Dr. Hallmark said the NSF particularly loved those kinds of programs and large universities with high Hispanic enrollment were particularly attractive to them.

Regent Morgan asked when would the SACS' accreditation be. She added it would take two to three years for the merger and two to three years for the SACS accreditation, so were they looking at six to seven years. Dr. Hallmark replied in the negative. He said once the legislative piece was completed, the institutions would be putting together the prospectus to SACS COC and that process would begin immediately. He noted that it had to meet their meetings timeline, but probably by the fall 2019 or fall 2020.

Vice Chairman Mendoza added that if the legislation did not pass, none of that happened. Dr. Hallmark replied in the affirmative.

Regent Schwartz said they could all identify many of the “chicken or the egg” issues for this process. He advised that the fact that they could not make that identification was not sufficient reason to stop the process from going forward.

Chairman Thomas announced that no requests had been received by the Board for oral testimony on this subject. He said they received several letters providing written testimony, which had been distributed to the Board members.

RECESS AND RECONVENE

Chairman Thomas recessed the meeting at 2:26 p.m.

(Note: The Committee on Audit convened at 2:26 p.m. and adjourned at 2:40 p.m. The Committee on Finance convened at 2:40 p.m. and adjourned at 2:46 p.m. The Committee on Buildings and Physical Plant convened at 2:46 p.m. and adjourned at 3:10 p.m.)

Chairman Thomas reconvened the meeting at 3:10 p.m.

REPORT FROM THE COMMITTEE ON AUDIT

Regent Morgan, Chairman of the Committee on Audit, said the committee met earlier and received several reports and updates, including the Monthly Audit Report, the Audit Tracking Report, Management's Responses to the Audit Tracking Report and the Fiscal Year 2016 Internal Audit Annual Report.

REPORT FROM THE COMMITTEE ON FINANCE

Regent Schwartz, Chairman of the Committee on Finance, said the committee met earlier and considered Item 1.1. He added that the committee recommended Board approval of the item.

On motion of Regent Adams, seconded by Regent Buzbee, and by a unanimous vote, the following minute order was approved (224):

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**MINUTE ORDER 224-2016 (ITEM 1.1)****APPROVAL OF FY 2018 OPERATING BUDGET GUIDELINES,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Texas A&M University System guidelines for the FY 2018 operating budget, as shown in the attached exhibit, are hereby adopted.

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REPORT FROM THE COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS

Vice Chairman Mendoza, Chairman of the Committee on Academic and Student Affairs, said the committee met the previous day and received several discussion items. She added that they began with a presentation by Dr. Katherine Banks, Vice Chancellor and Dean of Engineering, on the 25 by 25 initiative. She said a lot of positive progress had been made, and congratulated Dr. Banks. Vice Chairman Mendoza advised that Mr. Michael Young, President of Texas A&M, underscored the idea that growth followed quality and they had shown that was the case. She noted that Dr. Banks and her team were to be commended on a spectacular ABET review with zero findings, where the 25 by 25 initiative was one of the pinnacle highlights of their review.

Vice Chairman Mendoza reported that the committee received a presentation by Dr. Karan Watson, Provost and Executive Vice President at Texas A&M, on all three levels of faculty salaries. She said they received broad information across the A&M System on where they stood in a competitive salary range -- with not only state institutions, but also breaking that down between Tier 1 institutions and so on. She noted that they would be discussing follow-up information. Vice Chairman Mendoza said she appreciated Dr. Watson taking the lead on that and generating that information. She

advised that the committee also received a presentation by Dr. Hallmark on student success metrics on enrollment. She said there was a lot of good information, some of which would be incorporated into the System strategic plan. Vice Chairman Mendoza announced that in February they would have a deep dive into the student success metrics for the A&M System. She said last year, that yielded a lot of great conversation and more metrics that Dr. Hallmark and his team were working to pull forward.

REPORT FROM THE COMMITTEE ON BUILDINGS AND PHYSICAL PLANT

Regent Adams said the committee met earlier and approved Items 3.1 through 3.10 as presented.

On motion of Regent Adams, seconded by Regent Morgan, and by a unanimous vote, the following minute orders were approved (225 through 234):

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#### **MINUTE ORDER 225-2016 (ITEM 3.1)**

#### **APPROVAL OF THE PROJECT SCOPE AND BUDGET, APPROPRIATION FOR CONSTRUCTION SERVICES, AND APPROVAL FOR CONSTRUCTION FOR THE WEST CAMPUS SUPPORT BUILDING PROJECT (02-3177), TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS, THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$17,000,000 for the West Campus Support Building Project is approved.

The amount of \$17,000,000 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds, (Housing Revenue), for construction services and related project costs. The amount of \$1,700,000 is reverted to Account No. 02-808817, Reserve-Housing Capital Projects.

The West Campus Support Building Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 226-2016 (ITEM 3.2)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES,  
AND APPROVAL FOR CONSTRUCTION FOR THE  
BIOCONTAINMENT RESEARCH FACILITY PROJECT (02-3205),  
TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$86,000,000 for the Biocontainment Research Facility Project is approved.

The amount of \$75,000,000 is appropriated from Account No. 01-083536 Revenue Financing System Debt Proceeds, (TRB), and the amount of \$1,500,000 is appropriated from Account No. 01-084243 Permanent University Fund Debt Proceeds (AUF), for construction services and related project costs.

The Biocontainment Research Facility Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 227-2016 (ITEM 3.3)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES,  
AND APPROVAL FOR CONSTRUCTION FOR THE  
HVAC REPLACEMENT AT MOSHER HALL PROJECT (02-3213),  
TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$15,028,100 for the HVAC Replacement at Mosher Hall Project is approved.

The amount of \$15,028,100 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (Housing Revenue), for construction services and related project costs. The amount of \$1,340,000 is reverted to Account No. 02-030062 Residence Life.

The HVAC Replacement at Mosher Hall Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 228-2016 (ITEM 3.4)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES, AND  
APPROVAL FOR CONSTRUCTION FOR THE ADDITION OF  
INSTRUCTIONAL AND SUPPORT SPACES PROJECT (16-3206),  
TEXAS A&M INTERNATIONAL UNIVERSITY, LAREDO, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$71,000,000 for the Addition of Instructional and Support Spaces Project is approved.

The amount of \$55,200,000 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (TRB), the amount of \$4,922,382 is appropriated from Account No. 16-141026, HEAF-Addition of Instructional and Support Spaces, and the amount of \$4,667,618 is appropriated from Account No. 16-210224, DT-Addition of Instructional and Support Spaces, for construction services and related project costs.

The Addition of Instructional and Support Spaces Project, Texas A&M International University, Laredo, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 229-2016 (ITEM 3.5)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES, AND  
APPROVAL FOR CONSTRUCTION FOR THE NURSING  
AND HEALTH SCIENCES BUILDING PROJECT (21-3186),  
TEXAS A&M UNIVERSITY-COMMERCE, COMMERCE, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$54,000,000 for the Nursing and Health Sciences Building Project is approved.

The amount of \$48,000,000 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (TRB), and the amount of \$600,000 is appropriated from Account No. 21-185035, HEF-Nursing Building-New, for construction services and related project costs.

The Nursing and Health Sciences Building Project, Texas A&M University-Commerce, Commerce, Texas, is approved for construction.



The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 230-2016 (ITEM 3.6)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES,  
AND APPROVAL FOR CONSTRUCTION FOR THE  
MEDICAL RESEARCH AND EDUCATION BUILDING 2 PROJECT (23-3203),  
TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER, BRYAN, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$103,800,000 for the Medical Research and Education Building 2 Project is approved.

The amount of \$62,000,000 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (Tuition Revenue Bonds), and the amount of \$31,800,000 is appropriated from Account No. 01-083536 Revenue Financing System Debt Proceeds (Designated Tuition and Interest Income), for construction services and related project costs.

The Medical Research and Education Building 2 Project, Texas A&M University Health Science Center, Bryan, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 231-2016 (ITEM 3.7)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET, APPROPRIATION  
FOR CONSTRUCTION SERVICES, AND APPROVAL FOR CONSTRUCTION  
FOR THE MULTIPURPOSE BUILDING 3 PROJECT (24-3194),  
TEXAS A&M UNIVERSITY-CENTRAL TEXAS, KILLEEN, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$36,000,000 for the Multipurpose Building 3 Project is approved.

The amount of \$32,400,000 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (TRB), for construction services and related project costs.

The Multipurpose Building 3 Project, Texas A&M University-Central Texas, Killeen, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 232-2016 (ITEM 3.8)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET, APPROPRIATION  
FOR PRE-CONSTRUCTION AND CONSTRUCTION SERVICES, AND  
APPROVAL FOR CONSTRUCTION FOR THE NEW CAMPUS ELECTRICAL  
SUBSTATION AND CAPACITY UPGRADE PROJECT (7-2015),  
TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,  
TEXAS A&M UNIVERSITY**

The project scope along with a project budget of \$9,750,000 for the New Campus Electrical Substation and Capacity Upgrade Project is approved.

The amount of \$9,750,000 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (Utility Revenue), for pre-construction and construction services and related project costs. The amount of \$975,000 is reverted to Account No. 02-808884, Utilities Capital Projects.

The New Campus Electrical Substation and Capacity Upgrade Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 233-2016 (ITEM 3.9)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET, APPROPRIATION  
FOR CONSTRUCTION SERVICES, AND APPROVAL OF CONSTRUCTION  
FOR THE GARDENS AT TEXAS A&M UNIVERSITY PROJECT (2014-04482),  
TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,  
TEXAS A&M UNIVERSITY**

The project scope along with a project budget of \$6,578,770 for The Gardens at Texas A&M University Project is approved.

The amount of \$2,441,683 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (Gifts), the amount of \$2,797,087 is appropriated from Account No. 02-513115, Gardens Project, and the amount of \$800,000 is appropriated from Account No. 02-808811, Garden Projects, for construction services and related project costs.

The Gardens at Texas A&M University Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 234-2016 (ITEM 3.10)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET, APPROPRIATION  
FOR CONSTRUCTION SERVICES, AND APPROVAL FOR CONSTRUCTION  
FOR THE WATERFRONT EVENTS PAVILION PROJECT (10-5391),  
TEXAS A&M UNIVERSITY AT GALVESTON, GALVESTON, TEXAS,  
TEXAS A&M UNIVERSITY**

The project scope along with a project budget of \$5,956,000 for the Waterfront Events Pavilion Project is approved.

The amount of \$3,448,500 is appropriated from Account No. 01-083536, Revenue Financing System Debt Proceeds (Outsourced Dining: Chartwells/Commissions), the amount of \$1,007,500 is appropriated from Account No. 10-034010 Dining Services-Reserve, and the amount of \$1,000,000 is appropriated from Account No. 10-026340 Outsourced Dining: Chartwells, for construction services and related project costs.

The Waterfront Events Pavilion Project, Texas A&M University at Galveston, Galveston, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

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ADDITIONAL ITEMS CONSIDERED BY THE BOARD

Chairman Thomas announced that the Board began working on a strategic plan for the System over a year ago. He said that he appreciated the time and effort everyone put into this plan. He advised that they had a good result that would provide a strong framework for guiding the A&M System going forward.

Mr. Billy Hamilton presented Item 5.1.

On motion of Regent Mahomes, seconded by Vice Chairman Mendoza, and by a unanimous vote, the following minute order was approved (235):

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#### **MINUTE ORDER 235-2016 (ITEM 5.1)**

#### **APPROVAL OF THE TEXAS A&M UNIVERSITY SYSTEM 2016-2021 STRATEGIC PLAN, THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents, in establishing strategic direction for The Texas A&M University System, participated in a strategic planning process. The yearlong process resulted in the establishment of The Texas A&M University System 2016-2021 Strategic Plan, as shown in the attached exhibit, which is hereby approved by The Texas A&M University System Board of Regents. In order to ensure accountability to the Plan, the A&M System Offices is required to monitor measures of success and report annually to the Board of Regents on the progress of the Plan.

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Chairman Thomas presented Items 5.2 through 5.10 (considered in executive session).

On motion of Regent Morgan, seconded by Regent Adams, and by a unanimous vote, the following minute orders were approved (236 through 244):

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**MINUTE ORDER 236-2016 (ITEM 5.2)**

**AUTHORIZATION TO LEASE UP TO 95,000 SQUARE FEET OF  
OFFICE AND WAREHOUSE SPACE IN THE NORTHPOINTE  
BUSINESS PARK LOCATED IN BRYAN, BRAZOS COUNTY, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Chancellor of The Texas A&M University System, or designee, following approval for legal sufficiency by the Office of General Counsel, is authorized to take all steps necessary to negotiate, execute and deliver one or more leases totaling up to 95,000 square feet of office and warehouse space at 2870 North Harvey Mitchell Parkway, Bryan, Brazos County, Texas, for use by The Texas A&M University System members.

**MINUTE ORDER 237-2016 (ITEM 5.3)**

**AUTHORIZATION TO EXECUTE A FIRST AMENDMENT  
TO GROUND LEASE IN SUPPORT OF THE FIXED BASED  
OPERATIONS OPERATING AGREEMENT AND  
AIRPORT OPERATIONS MANAGEMENT AGREEMENT  
COVERING AIRPORT OPERATIONS AT EASTERWOOD AIRPORT,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Chancellor of The Texas A&M University System, or designee, following review for legal sufficiency by the Office of General Counsel, is authorized to negotiate, execute and deliver to Astin Limited, L.L.C., or affiliate, a First Amendment to Ground Lease ratifying and amending the existing ground lease covering six parcels of land at Easterwood Airport for a term not to exceed 30 years for construction of capital improvements required to be built pursuant to the terms and conditions of the Fixed Based Operations Operating Agreement dated June 1, 2014, as amended, and to execute any and all other documents deemed necessary to consummate the transactions.

As required by Section 6(b) of the Master Resolution of the Revenue Financing System, the Board hereby determines that after conveyance of the leasehold estate it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.

**MINUTE ORDER 238-2016 (ITEM 5.4)**

**AUTHORIZATION TO EXECUTE  
A LEASE OF LAND ON THE CAMPUS OF  
TEXAS A&M INTERNATIONAL UNIVERSITY  
FOR CONSTRUCTION OF A TENNIS COMPLEX,  
TEXAS A&M INTERNATIONAL UNIVERSITY**

The Chancellor of The Texas A&M University System, or designee, following review for legal sufficiency by the Office of General Counsel, is authorized to negotiate, execute, and deliver a ground lease of approximately twelve acres on the campus of Texas A&M International University for the design and construction of a tennis complex for use by Texas A&M International University and the local tennis community, and to take any and all additional action and execute any and all ancillary documents deemed necessary to consummate the transaction.

**MINUTE ORDER 239-2016 (ITEM 5.5)**

**AUTHORIZATION TO SELL THE LAND AND IMPROVEMENTS  
LOCATED AT 102 CHILDS STREET IN CENTER, SHELBY COUNTY, TEXAS,  
TEXAS A&M VETERINARY MEDICAL DIAGNOSTIC LABORATORY**

The Chancellor of The Texas A&M University System, or designee, following approval for legal sufficiency by the Office of General Counsel, is authorized to sell the land and improvements at 102 Childs Street in Center, Shelby County, Texas, upon such terms and conditions as the Chancellor, or designee, deems appropriate, and is further authorized, following approval for legal sufficiency by the Office of General Counsel, to execute and deliver such documents as the Chancellor, or designee, deems appropriate to effectuate the sale.

**MINUTE ORDER 240-2016 (ITEM 5.6)**

**AUTHORIZATION TO PURCHASE LAND AND  
IMPROVEMENTS IN GALVESTON COUNTY, TEXAS,  
TEXAS A&M UNIVERSITY**

The Chancellor of The Texas A&M University System, or designee, following legal review by the Office of General Counsel, is authorized to negotiate, execute and deliver all documents and to take all other action necessary to purchase approximately 2.713 acres of land, more or less, and improvements adjacent to the campus of Texas A&M University at Galveston and commonly known as the Edison Chouest C-Port facility, in Galveston, Galveston County, Texas.

**MINUTE ORDER 241-2016 (ITEM 5.7)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND  
EXECUTE A NEW EMPLOYMENT CONTRACT WITH PATRICK S. HENRY,  
HEAD MEN’S AND WOMEN’S TRACK AND FIELD COACH,  
TEXAS A&M UNIVERSITY**

Authority is hereby granted to the President of Texas A&M University to negotiate and execute a new employment contract, upon review for legal form and sufficiency by the Office of General Counsel, with the following person:

Head Men’s and Women’s Track and Field Coach - Patrick S. Henry.

**MINUTE ORDER 242-2016 (ITEM 5.8)**

**APPOINTMENT OF DR. PABLO ARENAZ AS  
PRESIDENT OF TEXAS A&M INTERNATIONAL UNIVERSITY,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Effective immediately, Dr. Pablo Arenaz is hereby appointed president of Texas A&M International University, at an initial salary of \$335,265.

**MINUTE ORDER 243-2016 (ITEM 5.9)**

**APPOINTMENT OF DR. RAY M. KECK, III AS  
PRESIDENT OF TEXAS A&M UNIVERSITY-COMMERCE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Effective immediately, Dr. Ray M. Keck, III is hereby appointed president of Texas A&M University-Commerce, at an initial salary of \$335,265.

**MINUTE ORDER 244-2016 (ITEM 5.10)**

**NAMING OF MR. GREGORY D. WINFREE AS  
SOLE FINALIST FOR AGENCY DIRECTOR OF  
TEXAS A&M TRANSPORTATION INSTITUTE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Mr. Gregory D. Winfree is hereby named the sole finalist for Agency Director of Texas A&M Transportation Institute. As required by state law, final action may be taken after the 21-day notice is given.

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Dr. Banks presented Item 5.11.

On motion of Vice Chairman Mendoza, seconded by Regent Foster, and by a unanimous vote, the following minute order was approved (245):

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**MINUTE ORDER 245-2016 (ITEM 5.11)**

**ADOPTION OF A RESOLUTION HONORING  
DENNIS L. CHRISTIANSEN, PH.D., P.E., FOR HIS OUTSTANDING  
DEDICATION AND SERVICE AS AGENCY DIRECTOR OF THE  
TEXAS A&M TRANSPORTATION INSTITUTE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

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Dr. Christensen thanked the Board for the resolution and the support they had given the Texas A&M Transportation Institute (TTI) for so many years, which allowed them to do what they did. He especially thanked Chancellor Sharp because much of what they had accomplished in the last five years would not have happened without his help. He said it had been fun to be a small part of what Chancellor Sharp and Dr. Banks made happen over the last five years. Dr. Christensen advised that the agency status TTI had in the A&M System was the reason they were the size, depth and breadth they were. He said that organizational status gave them an unfair advantage against all the competition and allowed them to do what they were doing. He added that Mr. Winfree was a good friend and would bring a network and set of skills with him that guaranteed TTI would do well moving forward.

CONSENT AGENDA ITEMS

Chairman Thomas presented Items 6.1 through 6.26.

On motion of Regent Adams, seconded by Regent Morgan, and by a unanimous vote, the following minute orders were approved (246 through 271):

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**MINUTE ORDER 246-2016 (ITEM 6.1)**

**APPROVAL OF MINUTES FROM THE  
SEPTEMBER 1, 2016, REGULAR BOARD MEETING;  
SEPTEMBER 1, 2016, SPECIAL BOARD MEETING;  
SEPTEMBER 2, 2016, SPECIAL WORKSHOP MEETING;  
SEPTEMBER 27, 2016, SPECIAL TELEPHONIC MEETING;  
AND OCTOBER 18, 2016, SPECIAL TELEPHONIC MEETING,  
BOARD OF REGENTS, THE TEXAS A&M UNIVERSITY SYSTEM**

The Minutes of the September 1, 2016, Regular Board Meeting; the September 1, 2016, Special Board Meeting; the September 2, 2016, Special Workshop Meeting; the September 27, 2016, Special Telephonic Meeting; and the October 18, 2016, Special Telephonic Meeting are hereby approved.

**MINUTE ORDER 247-2016 (ITEM 6.2)**

**GRANTING OF THE TITLE OF EMERITUS/EMERITA, NOVEMBER 2016,  
THE TEXAS A&M UNIVERSITY SYSTEM**

In recognition of long and distinguished service to The Texas A&M University System, the Board of Regents hereby confirms the recommendation of the Chancellor, and confers the title of “Emeritus/Emerita” upon the individuals as shown in the attached exhibit, Emeritus/Emerita Title List No. 17-02, and grants all rights and privileges of this title.

**MINUTE ORDER 248-2016 (ITEM 6.3)**

**CONFIRMATION OF  
APPOINTMENT AND COMMISSIONING OF PEACE OFFICERS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

In accordance with System Policy 34.06 (Appointment, Commissioning and Authority of Peace Officers), the Board of Regents of The Texas A&M University System confirms the appointment and commissioning of campus peace officers by the presidents of their respective system member universities, in accordance with the requirements of the law, and as shown in the exhibit, attached to the official minutes, subject to their taking the oath required of peace officers.

**MINUTE ORDER 249-2016 (ITEM 6.4)**

**DESIGNATION OF THE REGENTS PROFESSOR AWARDS  
AND THE REGENTS FELLOW SERVICE AWARDS  
FOR EXEMPLARY PERFORMANCE AND  
PROFESSIONAL SERVICE DURING FISCAL YEAR 2015-16,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents of The Texas A&M University System hereby grants the designation of “Regents Professor” for exemplary performance during FY 2015-16 to the following 11 faculty members, effective immediately:

Dr. David E. Bergbreiter, Texas A&M University  
Dr. Samuel D. Brody, Texas A&M University at Galveston  
Dr. Jeffrey D. Cirillo, Texas A&M Health Science Center  
Dr. Roberto R. Heredia, Texas A&M International University  
Dr. Kim D. Jones, Texas A&M University-Kingsville  
Dr. Mladen Kezunovic, Texas A&M University,  
Texas A&M Engineering Experiment Station  
Dr. Larry F. Lemanski, Texas A&M University-Commerce  
Dr. Robert L. Ohsfeldt, Texas A&M Health Science Center  
Dr. Vijay P. Singh, Texas A&M University  
Dr. Marilyn Spencer, Texas A&M University-Corpus Christi  
Dr. Ryland F. Young III, Texas A&M University, Texas A&M AgriLife Research

The Board of Regents of The Texas A&M University System hereby grants the designation of “Regents Fellow” for exemplary professional service during FY 2015-16 to the following seven agency service, extension and research professionals, effective immediately:

Ms. Lisa K. Akin, Texas A&M Engineering Experiment Station  
Dr. Jon A. Epps, Texas A&M Transportation Institute  
Mr. Donald Galloway, Texas A&M Forest Service  
Ms. Lesa K. Hill, Texas A&M Engineering Extension Service  
Dr. Jason B. Moats, Texas A&M Engineering Extension Service  
Ms. Darlene Myatt, Texas A&M AgriLife Extension Service  
Dr. Joe L. Outlaw, Texas A&M AgriLife Extension.

**MINUTE ORDER 250-2016 (ITEM 6.5)**

**APPROVAL OF REVISIONS TO SYSTEM POLICY 10.01  
(INTERNAL AUDITING),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 10.01 (Internal Auditing), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 251-2016 (ITEM 6.6)**

**APPROVAL OF REVISIONS TO SYSTEM POLICY 10.02  
(CONTROL OF FRAUD, WASTE AND ABUSE),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 10.02 (Control of Fraud, Waste and Abuse), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 252-2016 (ITEM 6.7)**

**APPROVAL OF REVISIONS TO SYSTEM POLICY 25.01  
(USE AND OPERATION OF SYSTEM AIRCRAFT),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 25.01 (Use and Operation of System Aircraft), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 253-2016 (ITEM 6.8)**

**APPROVAL OF REVISIONS TO SYSTEM POLICY 25.06  
(PARTICIPATION BY HISTORICALLY UNDERUTILIZED BUSINESS),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 25.06 (Participation by Historically Underutilized Business), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 254-2016 (ITEM 6.9)**

**APPROVAL OF REVISIONS TO  
SYSTEM POLICY 27.04 (BUDGET AUTHORIZATIONS,  
LIMITATIONS, AND DELEGATIONS OF AUTHORITY),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 27.04 (Budget Authorizations, Limitations, and Delegations of Authority), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 255-2016 (ITEM 6.10)**

**APPROVAL OF REVISIONS TO SYSTEM POLICY 51.06  
(NAMING OF BUILDINGS AND OTHER ENTITIES),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 51.06 (Naming of Buildings and Other Entities), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 256-2016 (ITEM 6.11)**

**GRANTING OF FACULTY DEVELOPMENT LEAVE FOR FY 2017,  
TEXAS A&M INTERNATIONAL UNIVERSITY**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 31.03, System Regulation 12.99.01 and Sections 51.101-108 of the Texas Education Code, authorizes faculty development leave to the faculty member as shown in the exhibit, Faculty Development Leave List FY 2017, Texas A&M International University.

**MINUTE ORDER 257-2016 (ITEM 6.12)**

**APPROVAL OF ACADEMIC TENURE, NOVEMBER 2016,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty members at Texas A&M University as set forth in the exhibit, Tenure List No. 17-02.

**MINUTE ORDER 258-2016 (ITEM 6.13)**

**ESTABLISHMENT OF THE  
CENTER FOR TRANSLATION OF HEALTHCARE TECHNOLOGIES,  
TEXAS A&M UNIVERSITY AND  
TEXAS A&M ENGINEERING EXPERIMENT STATION**

The Center for Translation of Healthcare Technologies is hereby established as a joint center between Texas A&M University and the Texas A&M Engineering Experiment Station.

**MINUTE ORDER 259-2016 (ITEM 6.14)**

**ESTABLISHMENT OF THE  
ADVANCED SCIENTIFIC COMPUTING CENTER,  
TEXAS A&M UNIVERSITY AND,  
TEXAS A&M ENGINEERING EXPERIMENT STATION**

The Advanced Scientific Computing Center is hereby established as a joint center between Texas A&M University and the Texas A&M Engineering Experiment Station at Texas A&M University at Qatar.

**MINUTE ORDER 260-2016 (ITEM 6.15)**

**ESTABLISHMENT OF THE  
CENTER FOR POPULATION HEALTH AND AGING,  
TEXAS A&M UNIVERSITY**

The Center for Population Health and Aging is hereby established as a center of Texas A&M University within the Texas A&M University Health Science Center.

**MINUTE ORDER 261-2016 (ITEM 6.16)**

**APPROVAL OF A NEW MASTER OF SCIENCE IN NURSING  
DEGREE PROGRAM WITH A MAJOR IN FORENSIC NURSING,  
AND AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University leading to a Master of Science in Nursing with a major in Forensic Nursing.

The Board also authorizes submission of Texas A&M University's new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 262-2016 (ITEM 6.17)**

**APPROVAL OF A NEW MASTER'S DEGREE  
IN PHYSICIAN ASSISTANT STUDIES, AND  
AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University leading to a Master of Physician Assistant Studies.

The Board also authorizes submission of Texas A&M University's new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 263-2016 (ITEM 6.18)**

**APPROVAL OF A NEW BACHELOR OF SCIENCE  
DEGREE PROGRAM WITH A MAJOR IN OCEANOGRAPHY,  
AND AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University leading to a Bachelor of Science in Oceanography.

The Board also authorizes submission of Texas A&M University's new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 264-2016 (ITEM 6.19)**

**NAMING OF AREAS WITHIN THE GARDENS:  
“CENTURY OAK II IN MEMORY OF DAN D. CLINTON, SR. '21  
– HARRIS COUNTY EXTENSION AGENT”;  
“EDNA FUCHS MEMORIAL ROSE BED”; AND  
“PATTY AND JOE HLAVINKA, JR. '56 FARM TRAIL,”  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the following areas within The Gardens.

Century Oak II - “Century Oak II In Memory of Dan D. Clinton, Sr. '21 -  
Harris County Extension Agent”

Rose Bed - “Edna Fuchs Memorial Rose Bed”

Farm Trail - “Patty and Joe Hlavinka, Jr. '56 Farm Trail.”

**MINUTE ORDER 265-2016 (ITEM 6.20)**

**NAMING OF THE  
“DOROTHY AND ARTHUR MCFERRIN '65  
PARSONS MOUNTED CAVALRY HEADQUARTERS,”  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the new Parsons Mounted Cavalry Headquarters Facility located at the Fiddler's Green at 3748 F&B Road (northwest corner of Harvey Mitchell Parkway and F&B Road) the “Dorothy and Arthur McFerrin '65 Parsons Mounted Cavalry Headquarters.”

**MINUTE ORDER 266-2016 (ITEM 6.21)****APPROVAL OF ACADEMIC TENURE, NOVEMBER 2016,  
TEXAS A&M UNIVERSITY-COMMERCE**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty members at Texas A&M University-Commerce as set forth in the exhibit, Tenure List No. 17-02.

**MINUTE ORDER 267-2016 (ITEM 6.22)****ESTABLISHMENT OF THE  
BIOMEDICAL INSTITUTE FOR REGENERATIVE RESEARCH,  
TEXAS A&M UNIVERSITY-COMMERCE**

The Biomedical Institute for Regenerative Research is hereby established as an organizational unit of Texas A&M University-Commerce within the College of Science and Engineering.

**MINUTE ORDER 268-2016 (ITEM 6.23)****APPROVAL OF ACADEMIC TENURE, NOVEMBER 2016,  
TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty member at Texas A&M University-Kingsville, as set forth in the exhibit, Tenure List No. 17-02.

**MINUTE ORDER 269-2016 (ITEM 6.24)****AUTHORIZATION TO ESTABLISH THREE QUASI-ENDOWMENTS,  
TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University-Kingsville to establish three quasi-endowments entitled as follows.

- “Arrington Match – Becky & Maurice Schmidt Conner Museum Quasi-Endowment”
- “Arrington Match – Julie & Balous Miller Dream Scholarship Quasi-Endowment”
- “Arrington Match – Flores-Feist Chemistry Student Travel Quasi-Endowment”



**MINUTE ORDER 270-2016 (ITEM 6.25)**

**APPROVAL OF A NEW MASTER OF SCIENCE  
IN ACCOUNTING DEGREE PROGRAM, AND  
AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY-TEXARKANA**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-Texarkana leading to a Master of Science in Accounting.

The Board also authorizes submission of Texas A&M University-Texarkana's new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 271-2016 (ITEM 6.26)**

**APPROVAL OF 2017 STILES FARM FOUNDATION BUDGET,  
TEXAS A&M AGRILIFE EXTENSION SERVICE**

The Board of Regents of The Texas A&M University System, acting in its capacity as trustees of the Stiles Farm Foundation, hereby approves the operating budget for the Stiles Farm Foundation for calendar year 2017, attached to the official minutes as shown in the attached exhibit.

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ANNOUNCEMENTS

Chairman Thomas announced that the next regular Board meeting was scheduled for Thursday, February 9, 2017, and the Committee on Academic and Student Affairs' meeting was scheduled for Wednesday, February 8, 2017.

ADJOURN

There being no further business, Chairman Thomas asked for a motion to adjourn. Upon motion of Regent Buzbee, seconded by Regent Adams, the meeting was adjourned at 3:30 p.m.

Vickie Burt Spillers
Executive Director, Board of Regents

(Minutes transcribed by Gwen Kirby, Office of the Board of Regents.)

MINUTES

**SPECIAL WORKSHOP MEETING OF THE
BOARD OF REGENTS**

THE TEXAS A&M UNIVERSITY SYSTEM

HELD IN

COLLEGE STATION, TEXAS

November 10, 2016

(Approved February 9, 2017)

**MINUTES OF THE
SPECIAL WORKSHOP MEETING
OF THE BOARD OF REGENTS**

November 10, 2016

Chairman Clifton L. Thomas, Jr. convened a special workshop meeting of the Board of Regents of The Texas A&M University System at 4:00 p.m., Thursday, November 10, 2016, in the Board of Regents Meeting Room, on the campus of Texas A&M University, College Station, Texas. The following members of the Board were present:

Mr. Clifton L. Thomas, Jr., Chairman
Ms. Elaine Mendoza, Vice Chairman
Mr. Phil Adams
Mr. Robert L. Albritton
Mr. Anthony G. Buzbee
Mr. Morris E. Foster
Ms. Judy Morgan
Mr. Charles W. Schwartz
Ms. Stephanie Y. Martinez (Student Regent)

The following member of the Board was not present:

Mr. Bill Mahomes

Chairman Thomas announced that a quorum was present. He added that no Board action would be taken. Chairman Thomas said that they would receive briefings from System executives regarding deferred maintenance at Texas A&M University and the administration and impact of tuition waivers.

Chairman Thomas called on Mr. Phillip Ray, Vice Chancellor for Business Affairs. Mr. Ray briefly discussed deferred maintenance from the System's perspective then called on Dr. Jerry Strawser, Vice President of Finance and Administration and Chief Financial Officer, who discussed deferred maintenance at Texas A&M.

Next, Mr. Michael Young, President of Texas A&M, discussed the administration and impact of tuition waivers and proposed changes.

After discussion, Chairman Thomas adjourned the meeting at 5:18 p.m., the same day.

Vickie Burt Spillers
Executive Director, Board of Regents

MINUTES

**SPECIAL WORKSHOP MEETING OF THE
BOARD OF REGENTS**

THE TEXAS A&M UNIVERSITY SYSTEM

HELD IN

COLLEGE STATION, TEXAS

November 11, 2016

(Approved February 9, 2017)

**MINUTES OF THE
SPECIAL WORKSHOP MEETING
OF THE BOARD OF REGENTS**

November 11, 2016

Chairman Clifton L. Thomas, Jr. convened a special workshop meeting of the Board of Regents of The Texas A&M University System at 8:30 a.m., Friday, November 11, 2016, in the Board of Regents Meeting Room, on the campus of Texas A&M University, College Station, Texas. The following members of the Board were present:

Mr. Clifton L. Thomas, Jr., Chairman
Ms. Elaine Mendoza, Vice Chairman
Mr. Phil Adams
Mr. Robert L. Albritton
Mr. Morris E. Foster
Mr. Bill Mahomes (*arrived at 9:02 a.m.*)
Ms. Judy Morgan
Mr. Charles W. Schwartz
Ms. Stephanie Y. Martinez (Student Regent)

The following member of the Board was not present:

Mr. Anthony G. Buzbee

Chairman Thomas announced that a quorum was present. He added that no Board action would be taken. Chairman Thomas said that they would receive briefings from System executives regarding implementation of the new System strategic plan, the capital plan for the A&M System, valuation of sponsorship opportunities relating to the hotel project at Texas A&M University, and changes to the *U.S. News & World Report* rankings system.

Chairman Thomas called on Mr. Billy Hamilton, Executive Vice Chancellor and Chief Financial Officer. Mr. Hamilton along with Mr. Seth Reynolds and Ms. Kasia Lundy from Ernst & Young, discussed implementation on the new strategic plan, including the metrics to be used to measure the success of the plan.

Mr. Hamilton discussed the System capital plan process. Chairman Thomas said that in prior meetings, there had been questions about the capital plan -- but due to time constraints, those questions may not have been fully answered.

Next, Mr. Phillip Ray, Vice Chancellor for Business Affairs, presented a report on how the System plans to manage fundraising programs and sponsorship opportunities for the new hotel project at Texas A&M.

Lastly, Mr. Michael Young, President of Texas A&M and Dr. Karan Watson, Provost and Executive Vice President, discussed how changes to the *U.S. News & World Report* college rankings system affected Texas A&M.

After discussion, on motion of Regent Adams, seconded by Regent Mahomes and by a unanimous vote, Chairman Thomas adjourned the meeting at 11:03 a.m., the same day.

Vickie Burt Spillers
Executive Director, Board of Regents

DRAFT

MINUTES

SPECIAL TELEPHONIC MEETING OF THE

BOARD OF REGENTS

THE TEXAS A&M UNIVERSITY SYSTEM

HELD IN

COLLEGE STATION, TEXAS

December 12, 2016

(Approved February 9, 2017)

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**MINUTES OF THE
SPECIAL TELEPHONIC MEETING
OF THE BOARD OF REGENTS**

December 12, 2016

CONVENE

Chairman Clifton L. Thomas, Jr. convened a special telephonic meeting of the Board of Regents of The Texas A&M University System, at 1:33 p.m., Monday, December 12, 2016, in the Board Meeting Room, on the campus of Texas A&M University, College Station, Texas.

Chairman Thomas said the purpose of this special meeting was for consideration and action on one item. He called each Regent's name to confirm their participation.

The following members of the Board were present by telephone:

Mr. Clifton L. Thomas, Jr., Chairman
Ms. Elaine Mendoza, Vice Chairman (*joined meeting at 1:35 p.m.*)
Mr. Phil Adams (*joined meeting at 1:35 p.m.*)
Mr. Robert L. Albritton
Mr. Anthony G. Buzbee
Mr. Morris E. Foster
Mr. Bill Mahomes
Ms. Judy Morgan
Mr. Charles W. Schwartz
Ms. Stephanie Y. Martinez (Student Regent)

RECESS TO EXECUTIVE SESSION

Chairman Thomas announced that a quorum was present and said the Board would recess to executive session to consider matters as permitted by Chapter 551, Sections 71 and 74 of the Texas Government Code, including Item 1. He said in accordance with the law, no final action, decision, or vote with regard to any matter considered in the executive session would be made or taken.

(Note: The Board met in executive session from 1:35 p.m. until 1:37 p.m.)

RECONVENE IN OPEN SESSION

Chairman Thomas reconvened the meeting in open session at 1:37 p.m. and announced that the Board had met in executive session from 1:35 p.m. until 1:37 p.m., and considered Item 1, conferred with the Chancellor, several university and system administrators and attorneys on personnel and legal matters.

Chairman Thomas called on Dr. Katherine Banks, Vice Chancellor and Dean of Engineering and Director of Texas A&M Engineering Experiment Station (TEES), to present Item 1. He then called for a motion to adopt Item 1. Regent Albritton moved for adoption of the minute order contained in Item 1. Regent Mahomes seconded the motion. Chairman Thomas called each regent's name to properly record their vote. The record of the vote is as follows: Adams – yes, Albritton – yes; Buzbee – yes; Foster – yes, Mahomes – yes, Mendoza – yes, Morgan – yes, Schwartz – yes, and Chairman Thomas voted “yes.”

The following minute order was approved (272).

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**MINUTE ORDER 272-2016 (ITEM 1)**

**APPOINTMENT OF  
MR. GREGORY D. WINFREE  
AS AGENCY DIRECTOR FOR THE  
TEXAS A&M TRANSPORTATION INSTITUTE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Effective December 15, 2016, Mr. Gregory D. Winfree is hereby appointed Agency Director for the Texas A&M Transportation Institute, at an initial salary of \$310,000.

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ADJOURN

There being no further business, on motion of Regent Albritton, seconded by Vice Chairman Mendoza and by a unanimous vote, the meeting was adjourned at 1:39 p.m.

Vickie Burt Spillers
Executive Director, Board of Regents

Agenda Item No.

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Vice Chancellor for Academic Affairs
November 22, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Granting of the Title of Emeritus/Emerita, February 2017, The Texas A&M University System

In accordance with System Policy [31.08, Emeritus/Emerita Titles](#), the designation of “Emeritus/Emerita,” to be added to the then current designation of a rank or position upon complete retirement of a person, may be granted by the board upon the recommendation of the Chancellor.

The Chief Executive Officers of The Texas A&M University System recognize individuals from their respective institutions and agencies, as shown on the attached Emeritus/Emerita list, who have made outstanding contributions through their dedicated and loyal service.

I recommend adoption of the following minute order:

“In recognition of long and distinguished service to The Texas A&M University System, the Board of Regents hereby confirms the recommendation of the Chancellor, and confers the title of “Emeritus/Emerita” upon the individuals as shown in the attached exhibit, Emeritus/Emerita Title List No. 17-03, and grants all rights and privileges of this title.”

Respectfully submitted,

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

Michael K. Young, President
Texas A&M University

Ray M. Keck, III, Ph.D., President
Texas A&M University-Commerce

Kelly Quintanilla, Interim President
Texas A&M University-Corpus Christi

Mark A. Hussey
Vice Chancellor and Dean
Agriculture and Life Sciences

Cynthia Teniente-Matson, President
Texas A&M University-San Antonio

Gregory D. Winfree, Agency Director
Texas A&M Transportation Institute

**THE TEXAS A&M UNIVERSITY SYSTEM
CONFIRMATION OF EMERITUS/EMERITA TITLES
EMERITUS/EMERITA TITLE LIST NO. 17-03**

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
TEXAS A&M UNIVERSITY				
Dr. Sherry I. Bame	32	Professor	Professor Emerita of Landscape Architecture and Urban Planning	Upon Approval by the Board and the Honoree's Complete Retirement
Dr. David L. Bilbo	39	Professor	Professor Emeritus of Construction Science	Upon Approval by the Board and the Honoree's Complete Retirement
Dr. Ronald C. Griffin	36	Professor	Professor Emeritus of Agricultural Economics	Upon Approval by the Board and the Honoree's Complete Retirement
Dr. Calvin B. Parnell, Jr.	38	Regents Professor	Regents Professor Emeritus of Biological and Agricultural Engineering	Upon Approval by the Board and the Honoree's Complete Retirement
Mr. Robert O. Segner, Jr.	46	Professor	Professor Emeritus of Construction Science	Upon Approval by the Board and the Honoree's Complete Retirement
Dr. James C. Smith, II	20	Professor	Professor Emeritus of Construction Science	Upon Approval by the Board and the Honoree's Complete Retirement
Dr. Di Wang	18	Professor	Professor Emeritus of History	Upon Approval by the Board and the Honoree's Complete Retirement
TEXAS A&M UNIVERSITY-COMMERCE				
Dr. Jerry Parish	22	Professor	Professor Emeritus of Technology Management	Upon Approval by the Board and the Honoree's Complete Retirement

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
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TEXAS A&M UNIVERSITY-CORPUS CHRISTI

Dr. Flavius C. Killebrew	12	President	President Emeritus	Upon Approval by the Board and the Honoree's Complete Retirement
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TEXAS A&M UNIVERSITY-SAN ANTONIO

Dr. Rosario Torres- Raines	15	Professor	Professor Emerita of Sociology	Upon Approval by the Board and the Honoree's Complete Retirement
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TEXAS A&M AGRILIFE RESEARCH

Dr. Charles A. Taylor, Jr.	45	Regents Fellow and Professor	Professor Emeritus	Upon Approval by the Board and the Honoree's Complete Retirement
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TEXAS A&M TRANSPORTATION INSTITUTE

Dr. Dennis L. Christiansen	45	Agency Director	Agency Director Emeritus	Upon Approval by the Board and the Honoree's Complete Retirement
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Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Phillip Ray, Vice Chancellor for Business Affairs
The Texas A&M University System

Subject: Confirmation of Appointment and Commissioning of Peace Officers

Proposed Board Action:

In accordance with System Policy [34.06, Appointment, Commissioning and Authority of Peace Officers](#), the Board of Regents shall confirm the appointment and commissioning of peace officers by the presidents of their respective members of The Texas A&M University System, as shown in the exhibit.

Background Information:

Presidents of member universities are authorized by system policy to appoint and commission campus police as peace officers, subject to confirmation by the Board of Regents.

A&M System Funding or Other Financial Implications:

None.

Agenda Item No.

THE TEXAS A&M UNIVERSITY SYSTEM

Office of Business Affairs

December 16, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Confirmation of Appointment and Commissioning of Peace Officers

I recommend adoption of the following minute order:

“In accordance with System Policy 34.06, Appointment, Commissioning and Authority of Peace Officers, the Board of Regents of The Texas A&M University System confirms the appointment and commissioning of campus peace officers by the presidents of their respective system member universities, in accordance with the requirements of the law, and as shown in the exhibit, attached to the official minutes, subject to their taking the oath required of peace officers.”

Respectfully submitted,

Phillip Ray
Vice Chancellor for Business Affairs

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

Michael K. Young, President
Texas A&M University

Marc A. Nigliazzo, Ph.D., President
Texas A&M University-Central Texas

Ray M. Keck, III, Ph.D., President
Texas A&M University-Commerce

Kelly Quintanilla, Interim President
Texas A&M University-Corpus Christi

Cynthia Teniente-Matson, President
Texas A&M University-San Antonio

Walter V. Wendler, President
West Texas A&M University

The Texas A&M University System
Appointed and Commissioned Peace Officers
December 16, 2016

University/Officer's Name	Title	Hire Date
TEXAS A&M UNIVERSITY		
Lange, David M.	Police Officer	12/02/2016
Niemeyer, Andrew S.	Police Officer	12/02/2016
TEXAS A&M UNIVERSITY-CENTRAL TEXAS		
Soleto, Blas	Peace Officer	04/05/2013
TEXAS A&M UNIVERSITY-COMMERCE		
Clark, Richard M.	Police Officer	12/12/2016
TEXAS A&M UNIVERSITY-CORPUS CHRISTI		
Tamez, Martin	Police Officer	11/01/2016
TEXAS A&M UNIVERSITY-SAN ANTONIO		
Nanez, Catrina	Police Officer	11/07/2016
WEST TEXAS A&M UNIVERSITY		
Bell, J. Miles	Police Officer	12/01/2016
Splawn, Jake	Police Officer	11/01/2016

AGENDA ITEM BRIEFING

Submitted by: James R. Hallmark, Vice Chancellor for Academic Affairs
The Texas A&M University System

Subject: Approval of Revisions to System Policy *31.08, Emeritus/Emerita Titles*

Proposed Board Action:

Approve revisions to System Policy *31.08, Emeritus/Emerita Titles*.

Background Information:

The proposed revisions to this policy include the following:

Throughout the policy, the term “emeritus/emerita” is simplified to the more commonly accepted term “emeritus.” At the CASA meeting in November 2016, a discussion of emeritus issues resulted in the provosts unanimously favoring that the term “emerita” no longer be used. Further research of the term explained that, in English, the term “emeritus” is not commonly inflected for gender.

Section 1:

- Several terms have been deleted to clarify the system employees eligible for emeritus designation and the applicable employment rank or position to which the emeritus designation will be added. These deletions include the term “complete” retirement of the honoree and the reference to “emeritus” being added to the “then current designation” of the employee’s rank or position.
- Current language addressing the emeritus designation upon the “retirement” of board members is modified to clarify that a board member is eligible for emeritus designation upon the “expiration or ending of a board member’s term” which shall be called to the attention of the board by the chairman for its consideration of the emeritus designation for such board member.

A&M System Funding or Other Financial Implications:

None.

Agenda Item No.

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Vice Chancellor for Academic Affairs
December 20, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Revisions to System Policy *31.08, Emeritus/Emerita Titles*

I recommend adoption of the following minute order:

“The revisions to System Policy *31.08, Emeritus/Emerita Titles*, as shown in the attached exhibit, are approved, effective immediately.”

Respectfully submitted,

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer



31.08 Emeritus/~~Emerita~~ Titles

~~Approved February 27, 1995 (MO 44-95)~~

~~Revised September 26, 2008 (MO 328-2008)~~

~~Reviewed May 13, 2011~~

~~Revised February 9, 2017 (MO -2017)~~

Next Scheduled Review: ~~May 13, 2016~~ February 9, 2022

[Click to view Revision History.](#)

Policy Statement

This policy provides the means by which faculty, staff and regents may be granted the designation of “Emeritus/~~Emerita~~” (emeritus) by the Board of Regents (board) of The Texas A&M University System (system).

Reason for Policy

This policy emphasizes that the designation of “~~Emeritus/Emerita~~” emeritus is one bestowed by the board to recognize the achievements of a member of the faculty, staff or a regent of the system.

Procedures and Responsibilities

1. The designation of emeritus “~~Emeritus/Emerita~~,” to be added to the ~~then current designation of a~~ rank or position upon ~~complete~~ retirement of a person, may be granted by the board upon the recommendation of the chancellor. In the instance of ~~retirement of the expiration or ending of a board member’s term of the board~~ Board of Regents from such board, the chairman shall call ~~the retirement~~ to the attention of the board for its consideration of the designation of emeritus “~~Emeritus/Emerita~~” for such member.
2. The chancellor shall establish standards of eligibility, definitions of privileges and responsibilities, and procedures for recommending emeritus “~~Emeritus/Emerita~~” status for members of the faculty and staff.

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Academic Affairs
(979) 458-6072



31.08 Emeritus

Revised [February 9, 2017](#) (MO -2017)
Next Scheduled Review: February 9, 2022
Click to view [Revision History](#).

Policy Statement

This policy provides the means by which faculty, staff and regents may be granted the designation of “Emeritus” (emeritus) by the Board of Regents (board) of The Texas A&M University System (system).

Reason for Policy

This policy emphasizes that the designation of emeritus is one bestowed by the board to recognize the achievements of a member of the faculty, staff or a regent of the system.

Procedures and Responsibilities

1. The designation of emeritus, to be added to the rank or position upon retirement of a person, may be granted by the board upon the recommendation of the chancellor. In the instance of the expiration or ending of a board member’s term, the chairman shall call to the attention of the board for its consideration of the designation of emeritus for such member.
 2. The chancellor shall establish standards of eligibility, definitions of privileges and responsibilities, and procedures for recommending emeritus status for members of the faculty and staff.
-

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Academic Affairs
(979) 458-6072

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Phillip Ray, Vice Chancellor for Business Affairs
The Texas A&M University System

Subject: Approval of Revisions to System Policy *51.01, Capital Planning*

Proposed Board Action:

Approve revisions to System Policy *51.01, Capital Planning*.

Background Information:

The proposed revisions to this policy include the following:

Section 5.2:

- Existing language is modified to clarify that the Program of Requirements shall identify, as part of the capital project, all furnishings and equipment that are to be reused and purchased.
- New language clarifies that the CEO's approval of the Program of Requirements constitutes compliance with System Policy *51.05, Furnishing and Equipping New and Renovated Buildings*.

Other non-substantive revisions are made to conform to system style guidelines.

A&M System Funding or Other Financial Implications:

None.

Agenda Item No.

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Vice Chancellor for Business Affairs
December 13, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Revisions to System Policy *51.01, Capital Planning*

I recommend adoption of the following minute order:

“The revisions to System Policy *51.01, Capital Planning*, as shown in the attached exhibit, are approved, effective immediately.”

Respectfully submitted,

Phillip Ray
Vice Chancellor for Business Affairs

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

~~Approved February 27, 1995 (MO 44-95)~~
~~Revised July 23, 1998 (MO 135-98)~~
~~Revised May 27, 1999 (MO 101-1999)~~
~~Revised October 28, 2005 (MO 199-2005)~~
~~Revised May 25, 2007 (MO 097-2007)~~
~~Revised December 5, 2008 (MO 396-2008)~~
~~Revised September 25, 2009 (MO 216-2009)~~
~~Revised May 4, 2012 (MO 085-2012)~~
~~Revised November 2, 2012 (MO 224-2012)~~
~~Revised April 29, 2015 (MO 073-2015)~~
~~Revised February 9, 2017 (MO -2017)~~

Next Scheduled Review: ~~April 29, 2020~~February 9, 2022

[Click to view Revision History.](#)



Policy Statement

Capital projects identified by members of The Texas A&M University System (system) are compiled into the five-year capital plan which also identifies available resources for project funding or debt repayment.

Reason for Policy

Capital needs shall be determined as part of a long-term planning process to identify new construction, repairs, renovations, rehabilitation of existing facilities, real property acquisitions and other capital projects.

Procedures and Responsibilities

1. APPROVAL OF CAPITAL PLAN

- 1.1 Each fiscal year the Board of Regents (board) will approve the capital plan for the next five years.
- 1.2 Projects not included on the approved capital plan will be presented to the board as exceptions.
- 1.3 Board approval shall constitute approval for initiation of all projects on the capital plan and of funding sources identified on the capital plan. The fiscal year designation of a project on the capital plan can be changed with the approval of the chancellor and the

chair of the Committee on Buildings and Physical Plant as long as funding is identified and the Program of Requirements (POR) is completed.

- 1.4 Projects funded by tuition revenue bonds, other state funds and gift funds are automatically added to the capital plan with the chancellor's and the chair of the Committee on Buildings and Physical Plant's approval once the funding is identified and the POR is completed.
- 1.5 Board approval authorizes the appropriation of up to 10% of the planning amount for the first fiscal year's proposed projects for pre-construction activities as defined in System Policy 51.04, *Delegations of Authority on Construction Projects*.

2. CAPITAL PLAN PROJECTS

2.1 Capital projects are defined as:

- (a) New construction of buildings, facilities or other permanent improvements with scopes of \$4,000,000 or more.
- (b) Additions to buildings, facilities or other permanent improvements with scopes of \$4,000,000 or more.
- (c) Repair, renovation or rehabilitation of existing buildings, facilities or other permanent improvements with scopes of \$4,000,000 or more.
- (d) Improved real property acquisitions with a value more than \$1,000,000.
- (e) Projects or acquisitions funded using Permanent University Fund (PUF) and/or Revenue Financing System (RFS) debt proceeds.

2.2 For each project to be included on the capital plan, the following information will be provided by the member.

- (a) Name of project.
- (b) Description of project.
- (c) If new construction or addition, assignable net square feet, educational and general net square feet and gross square feet of space needed and justification for space need.
- (d) If repair, renovation or rehabilitation, existing assignable net square feet, educational and general net square feet and gross square feet of space.
- (e) Project impacts on infrastructure.
- (f) Project planning amount.
- (g) Fiscal year in which project design will be initiated.
- (h) Source of funds for project.

~~(1)~~ If RFS debt proceeds, debt repayment source must be identified.

~~(2)~~ If cash-funded, source of funds must be identified.

~~(3)~~ PUF shall not be identified as the source of funds for a project until a commitment has been made by the chancellor.

~~(4)~~ Tuition revenue bonds (TRB) shall not be identified as a funding source for a project until authorized by the legislature.

2.3 For each auxiliary project included in the first two fiscal years on the capital plan, a pro forma financial statement is required and shall address capital cost, operating cost and maintenance cost for the first five years of occupancy.

2.4 All privately funded projects, while not on the capital plan, shall provide all applicable information in Section 2.2, a pro forma financial statement and an analysis performed by the System Offices comparing the project to system project delivery.

2.5 All pre-planning and planning studies for new construction, additions, and repair, renovation or rehabilitation capital projects may be administered by the Office of Facilities Planning & Construction (FPC).

3. MASTER PLANS

All members are required to have a master plan which is consistent with projects in the capital plan. The master plans shall be periodically reviewed by the member and updated when necessary. Master plans and updates shall be consistent with the member's development strategy and be submitted to the board for review. Master plans and updates may be administered by FPC.

4. LIFE CYCLE COST ANALYSIS

A life cycle cost analysis (LCCA) will be developed by the FPC or member (project administrator) during the design for building projects on the capital plan. The LCCA will identify alternatives for materials and design in order to optimize the operating, maintenance and initial costs.

5. GENERAL PROJECT REQUIREMENTS

5.1 All facilities designed and constructed within the system shall comply with all applicable state and federal laws and regulations.

5.2 A POR or statement of work (SOW) shall be prepared prior to a major construction project, as defined in Policy 51.04, being included on the capital plan for initiation in the next fiscal year or submitted as an addition to the capital plan for the current fiscal year. The POR or SOW may be prepared by FPC. The POR or SOW must be approved by the member chief executive officer (CEO) or designee. Changes to the POR or SOW during the design and construction process that involve function, budget or architectural appearance shall also be approved by the CEO or designee. The member may appropriate funds for the preparation of the POR or SOW.

The POR shall identify existing furnishings and equipment that are to be reused and new furnishings and equipment that will be required as part of the project. The CEO's approval of the POR shall constitute compliance with ~~Refer to~~ System Policy 51.05,

Furnishing and Equipping New and Renovated Buildings. ~~The procurement of required new furnishings shall be included in the scope of the project unless indicated otherwise in the POR and approved by the chancellor or designee.~~

- 5.3 Contract administration of all design and construction projects is required. Contract administrators shall verify compliance by all parties with contract requirements and certify that all parts of the contract(s) are completed prior to project close-out and/or occupancy.

A database will be maintained by the project administrator to track all projects on the capital plan through design and construction and to assure compliance with project requirements.

- 5.4 Appropriate environmental surveys/evaluations shall be conducted on all construction projects. All required provisions shall be incorporated in the design and required abatement/mitigation performed and/or clearances obtained.

- 5.5 A performance bond for the full construction amount underwritten by surety companies authorized to conduct business in the state of Texas is required on all projects over \$100,000. A payment bond for the full construction amount underwritten by surety companies authorized to conduct business in the state of Texas is required on all projects over \$25,000. Both payment and performance bonds must be on forms approved by the Office of the Attorney General and maintained by FPC.

- 5.6 Advertising for procurement relating to construction projects within the system includes print and electronic forms of media publication.

All requests for bids or requests for competitive sealed proposals for the construction, repair, renovation or rehabilitation of permanent improvements, and for movable furnishings and/or movable equipment shall be advertised by methods that provide the best value to the system.

- 5.7 The completion of all construction projects shall include the training of respective member personnel in the operation and maintenance of facility systems before transfer of the facility. The completion of all construction projects shall include a recommended maintenance schedule. The member shall be required to have sufficient staffing to maintain its facilities and provide annual training of maintenance personnel in the operation and maintenance of its facilities.

Related Statutes, Policies, or Requirements

[Tex. Gov't Code Ch. 2253](#)

[Tex. Educ. Code § 51.9335](#)

[System Policy 51.04, Delegations of Authority on Construction Projects](#)

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Facilities Planning & Construction
(979) 458-7000

51.01 Capital Planning

Revised [February 9, 2017](#) (MO -2017)
Next Scheduled Review: February 9, 2022
Click to view [Revision History](#).



Policy Statement

Capital projects identified by members of The Texas A&M University System (system) are compiled into the five-year capital plan which also identifies available resources for project funding or debt repayment.

Reason for Policy

Capital needs shall be determined as part of a long-term planning process to identify new construction, repairs, renovations, rehabilitation of existing facilities, real property acquisitions and other capital projects.

Procedures and Responsibilities

1. APPROVAL OF CAPITAL PLAN

- 1.1 Each fiscal year the Board of Regents (board) will approve the capital plan for the next five years.
- 1.2 Projects not included on the approved capital plan will be presented to the board as exceptions.
- 1.3 Board approval shall constitute approval for initiation of all projects on the capital plan and of funding sources identified on the capital plan. The fiscal year designation of a project on the capital plan can be changed with the approval of the chancellor and the chair of the Committee on Buildings and Physical Plant as long as funding is identified and the Program of Requirements (POR) is completed.
- 1.4 Projects funded by tuition revenue bonds, other state funds and gift funds are automatically added to the capital plan with the chancellor's and the chair of the Committee on Buildings and Physical Plant's approval once the funding is identified and the POR is completed.

- 1.5 Board approval authorizes the appropriation of up to 10% of the planning amount for the first fiscal year's proposed projects for pre-construction activities as defined in System Policy 51.04, *Delegations of Authority on Construction Projects*.

2. CAPITAL PLAN PROJECTS

2.1 Capital projects are defined as:

- (a) New construction of buildings, facilities or other permanent improvements with scopes of \$4,000,000 or more.
- (b) Additions to buildings, facilities or other permanent improvements with scopes of \$4,000,000 or more.
- (c) Repair, renovation or rehabilitation of existing buildings, facilities or other permanent improvements with scopes of \$4,000,000 or more.
- (d) Improved real property acquisitions with a value more than \$1,000,000.
- (e) Projects or acquisitions funded using Permanent University Fund (PUF) and/or Revenue Financing System (RFS) debt proceeds.

2.2 For each project to be included on the capital plan, the following information will be provided by the member.

- (a) Name of project.
- (b) Description of project.
- (c) If new construction or addition, assignable net square feet, educational and general net square feet and gross square feet of space needed and justification for space need.
- (d) If repair, renovation or rehabilitation, existing assignable net square feet, educational and general net square feet and gross square feet of space.
- (e) Project impacts on infrastructure.
- (f) Project planning amount.
- (g) Fiscal year in which project design will be initiated.
- (h) Source of funds for project.
 - (1) If RFS debt proceeds, debt repayment source must be identified.
 - (2) If cash-funded, source of funds must be identified.
 - (3) PUF shall not be identified as the source of funds for a project until a commitment has been made by the chancellor.
 - (4) Tuition revenue bonds (TRB) shall not be identified as a funding source for a project until authorized by the legislature.

- 2.3 For each auxiliary project included in the first two fiscal years on the capital plan, a pro forma financial statement is required and shall address capital cost, operating cost and maintenance cost for the first five years of occupancy.
- 2.4 All privately funded projects, while not on the capital plan, shall provide all applicable information in Section 2.2, a pro forma financial statement and an analysis performed by the System Offices comparing the project to system project delivery.
- 2.5 All pre-planning and planning studies for new construction, additions, and repair, renovation or rehabilitation capital projects may be administered by the Office of Facilities Planning & Construction (FPC).

3. MASTER PLANS

All members are required to have a master plan which is consistent with projects in the capital plan. The master plans shall be periodically reviewed by the member and updated when necessary. Master plans and updates shall be consistent with the member's development strategy and be submitted to the board for review. Master plans and updates may be administered by FPC.

4. LIFE CYCLE COST ANALYSIS

A life cycle cost analysis (LCCA) will be developed by the FPC or member (project administrator) during the design for building projects on the capital plan. The LCCA will identify alternatives for materials and design in order to optimize the operating, maintenance and initial costs.

5. GENERAL PROJECT REQUIREMENTS

- 5.1 All facilities designed and constructed within the system shall comply with all applicable state and federal laws and regulations.
- 5.2 A POR or statement of work (SOW) shall be prepared prior to a major construction project, as defined in Policy 51.04, being included on the capital plan for initiation in the next fiscal year or submitted as an addition to the capital plan for the current fiscal year. The POR or SOW may be prepared by FPC. The POR or SOW must be approved by the member chief executive officer (CEO) or designee. Changes to the POR or SOW during the design and construction process that involve function, budget or architectural appearance shall also be approved by the CEO or designee. The member may appropriate funds for the preparation of the POR or SOW.

The POR shall identify existing furnishings and equipment that are to be reused and new furnishings and equipment that will be required as part of the project. The CEO's approval of the POR shall constitute compliance with System Policy 51.05, *Furnishing and Equipping New and Renovated Buildings*.

- 5.3 Contract administration of all design and construction projects is required. Contract administrators shall verify compliance by all parties with contract requirements and

certify that all parts of the contract(s) are completed prior to project close-out and/or occupancy.

A database will be maintained by the project administrator to track all projects on the capital plan through design and construction and to assure compliance with project requirements.

- 5.4 Appropriate environmental surveys/evaluations shall be conducted on all construction projects. All required provisions shall be incorporated in the design and required abatement/mitigation performed and/or clearances obtained.
- 5.5 A performance bond for the full construction amount underwritten by surety companies authorized to conduct business in the state of Texas is required on all projects over \$100,000. A payment bond for the full construction amount underwritten by surety companies authorized to conduct business in the state of Texas is required on all projects over \$25,000. Both payment and performance bonds must be on forms approved by the Office of the Attorney General and maintained by FPC.
- 5.6 Advertising for procurement relating to construction projects within the system includes print and electronic forms of media publication.

All requests for bids or requests for competitive sealed proposals for the construction, repair, renovation or rehabilitation of permanent improvements, and for movable furnishings and/or movable equipment shall be advertised by methods that provide the best value to the system.

- 5.7 The completion of all construction projects shall include the training of respective member personnel in the operation and maintenance of facility systems before transfer of the facility. The completion of all construction projects shall include a recommended maintenance schedule. The member shall be required to have sufficient staffing to maintain its facilities and provide annual training of maintenance personnel in the operation and maintenance of its facilities.

Related Statutes, Policies, or Requirements

[Tex. Gov't Code Ch. 2253](#)

[Tex. Educ. Code § 51.9335](#)

[System Policy 51.04, *Delegations of Authority on Construction Projects*](#)

[System Policy 51.05, *Furnishing and Equipping New and Renovated Buildings*](#)

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Facilities Planning & Construction
(979) 458-7000

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Phillip Ray, Vice Chancellor for Business Affairs
The Texas A&M University System

Subject: Approval of Revisions to System Policy *51.05, Furnishing and Equipping New and Renovated Buildings*

Proposed Board Action:

Approve revisions to System Policy *51.05, Furnishing and Equipping New and Renovated Buildings*.

Background Information:

The proposed revisions to this policy include the following:

Section 4:

- Additional text clarifies that justification for the acquisition of new furnishings or equipment in a new building or renovation project shall be documented during the programming phase of the project and included in the approved Program of Requirements.

Other non-substantive revisions are made to conform to system style guidelines.

A&M System Funding or Other Financial Implications:

None.

Agenda Item No.

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Vice Chancellor for Business Affairs
December 13, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Revisions to System Policy *51.05, Furnishing and Equipping New and Renovated Buildings*

I recommend adoption of the following minute order:

“The revisions to System Policy *51.05, Furnishing and Equipping New and Renovated Buildings*, as shown in the attached exhibit, are approved, effective immediately.”

Respectfully submitted,

Phillip Ray
Vice Chancellor for Business Affairs

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

51.05 Furnishing and Equipping New and Renovated Buildings

~~Approved February 27, 1995 (MO 44-95)~~

~~Revised December 5, 2008 (MO 399-2008)~~

~~Reviewed September 14, 2010~~

~~Revised November 2, 2012 (MO 224-2012)~~

~~Revised February 9, 2017 (MO -2017)~~

Next Scheduled Review: ~~November 2, 2017~~ February 9, 2022

[Click to view Revision History.](#)



Policy Statement

Premature discarding of useful furnishings and equipment is wasteful and unacceptable. Refinishing, restoring and re-upholstering of furnishings often provide savings and acceptable additional utility. Users of new space and facilities should look first to all furnishings and equipment already being used and to examine all feasible options for moving and continuing the use of such items rather than purchasing new.

Reason for Policy

This policy will maximize the use of existing furnishing and equipment for capital projects.

Procedures and Responsibilities

1. The acquisition of new furnishings and equipment for the occupancy of a newly constructed building should be approved only when it is determined to be the most economical and feasible option based on the following criteria:
 - ~~1.1~~(a) The occupying user does not have sufficient furnishings and equipment to properly utilize the space being provided;
 - ~~1.2~~(b) The furnishings and equipment which could be moved are determined by the member chief executive officer (CEO) to be unsuitable for the space provided and would seriously detract from or diminish the effective utilization of the space; and/or
 - ~~1.3~~(c) Furnishings that can be moved are deemed not suitable for refinishing or restoring in order to make them useful or compatible with the decor and surroundings of the new space.

2. Decisions regarding additional required furnishings are often best made after surveying the movable furnishings with a purpose of minimizing overall costs while maintaining acceptable standards suitable for the new space.
3. This policy acknowledges that when new space is being added to the overall inventory of space to be occupied by campus or agency personnel, some additional furnishings and equipment will likely be required by some occupants, either in the new building, in the secondary building they may vacate or a tertiary building being vacated. It is not automatic that new space means a shortage of furnishings and equipment since occupants moving in will have had furnishings in their previous locations and some of those may be useful in the new space.
4. When it is deemed necessary by the member CEO to include new furnishings or equipment in a new building or renovation construction project, such facts justifying the acquisition shall be determined and documented during the programming phase of a project and included in the approved Program of Requirements.

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Facilities Planning & Construction
(979) 458-7000

51.05 Furnishing and Equipping New and Renovated Buildings

Revised [February 9, 2017](#) (MO -2017)
Next Scheduled Review: February 9, 2022
Click to view [Revision History](#).



Policy Statement

Premature discarding of useful furnishings and equipment is wasteful and unacceptable. Refinishing, restoring and re-upholstering of furnishings often provide savings and acceptable additional utility. Users of new space and facilities should look first to all furnishings and equipment already being used and to examine all feasible options for moving and continuing the use of such items rather than purchasing new.

Reason for Policy

This policy will maximize the use of existing furnishing and equipment for capital projects.

Procedures and Responsibilities

-
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 - (a) The occupying user does not have sufficient furnishings and equipment to properly utilize the space being provided;
 - (b) The furnishings and equipment which could be moved are determined by the member chief executive officer (CEO) to be unsuitable for the space provided and would seriously detract from or diminish the effective utilization of the space; and/or
 - (c) Furnishings that can be moved are deemed not suitable for refinishing or restoring in order to make them useful or compatible with the decor and surroundings of the new space.
 2. Decisions regarding additional required furnishings are often best made after surveying the movable furnishings with a purpose of minimizing overall costs while maintaining acceptable standards suitable for the new space.
 3. This policy acknowledges that when new space is being added to the overall inventory of space to be occupied by campus or agency personnel, some additional furnishings and equipment will likely be required by some occupants, either in the new building, in the

secondary building they may vacate or a tertiary building being vacated. It is not automatic that new space means a shortage of furnishings and equipment since occupants moving in will have had furnishings in their previous locations and some of those may be useful in the new space.

4. When it is deemed necessary by the member CEO to include new furnishings or equipment in a new building or renovation construction project, such facts justifying the acquisition shall be determined and documented during the programming phase of a project and included in the approved Program of Requirements.

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Facilities Planning & Construction
(979) 458-7000

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Executive Vice Chancellor and Chief Financial Officer

Subject: Confirmation of New and Amended Field Trip and Study Abroad Fees for The Texas A&M University System

Proposed Board Action:

Confirm field trip and study abroad fees for The Texas A&M University System.

Background Information:

System Policy [26.01, Tuition and Fees](#), authorizes the presidents of the academic universities to establish and collect student fees for field trips and study abroad programs, and to amend such fees as necessary, provided that fees so established or amended (during the previous fiscal year) are submitted annually for confirmation by the Board.

A&M System Funding or Other Financial Implications:

Attached.

Agenda Item No.

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Executive Vice Chancellor and Chief Financial Officer
December 13, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Confirmation of New and Amended Field Trip and Study Abroad Fees for The Texas
A&M University System

I recommend adoption of the following minute order:

**“The request for new and amended field trip and study abroad fees
for The Texas A&M University System, as shown on the attached exhibit, is
hereby confirmed.”**

Respectfully submitted,

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel



THE TEXAS A&M UNIVERSITY SYSTEM

NEW & AMENDED FIELD TRIP/STUDY ABROAD FEES

**BOARD OF REGENTS MEETING
FEBRUARY 2016**

TARLETON STATE UNIVERSITY
Field Trip/Study Abroad Program Fees
FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Educational Leadership & Policy Studies	ELPS		Texas (various locations)		\$250	\$325
Kinesiology	KINE	3326	Broken Bow, OK	\$190		
Social Sciences	GOVT, HIST, POLS	2305, 1302, 4385	Washington, DC	\$850		
<u>Study Abroad Fees</u>						
Honors College	Various		Italy		\$3,979	\$4,000
Animal Science & Veterinary Technology	ANSCI	4486	Australia		\$2,995	\$4,410
Wildlife, Sustainability & Ecosystems Science	WSES	4341, 5341	Poland		\$2,000	\$2,500
	WSES, BIOL	4341, 4342, 4090	Africa		\$4,950	\$6,475
	ENVS, BUSI WSES	4342, 4389 4341	Cuba Costa Rica	\$4,000 \$1,925		
Management	BUSI	4389, 5389	Ireland		\$2,850	\$2,900
	MGMT	4389, 5389	Ireland		\$2,850	\$2,900
	MKTG	4389, 5389	Ireland		\$2,850	\$2,900
	HRM	4389, 5389	Ireland		\$2,850	\$2,900
Fine Arts	MUEN	1122, 2122, 3122, 4122	Italy	\$3,000		
	ARTS	1303, 4341, 4385	Italy	\$4,000		
	ARTS	2356	Iceland	\$3,619		
Social Sciences	SOCI	4085	Japan	\$1,781		
	POLS, PHIL, CRIJ	4306;4304; 4385	Scotland		\$4,995	\$5,095
Psychological Sciences	PSYC	4390	Ecuador	\$2,805		
	PSYC	4390	England, France & Netherlands	\$3,714		
Biological Sciences	BIOL	4390	Puerto Rico		\$5,275	\$4,500
Nursing	NURS	4302	Dominican Republic		\$2,487	\$2,670
	NURS	4303	England		\$4,800	\$4,900
	NURS	4302	Kenya	\$2,506		

TEXAS A&M INTERNATIONAL UNIVERSITY

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Study Abroad Fees</u>						
International Engagement	CSDO	4300	Belize		\$4,200	\$4,400
	MGT	4399	China		\$4,400	\$4,600
	BA	5399	China		\$4,400	\$4,600
	LEDR	4303	Ireland	\$5,200		
	HIST	3395	India	\$3,950		
	HIST	5330	India	\$3,950		
	FREN	1620	France	\$3,850		
	FREN	2311	France	\$3,850		
	FREN	3303	France	\$3,850		
	EDCI	3224	Spain		\$3,735	\$3,850
	EDDP	4324	Spain		\$3,735	\$3,850
	EDBE	5390	Spain		\$3,735	\$3,850
	SOCI	5360	Spain		\$3,735	\$3,850
	SOCI	3310	Spain		\$3,735	\$3,850
	COMM	4360	Belgium/Germany		\$4,000	\$3,700
	COMM	5301	Belgium/Germany		\$4,000	\$3,700
	PSYC	4311	Belgium/Germany		\$4,000	\$3,700
	CRIJ	4324	Belgium/Germany		\$4,000	\$3,700
	LLTS	5348	Spain		\$3,950	\$4,190
	ENGL	4306	Spain		\$3,950	\$4,190
	ENGL	4398	Spain		\$3,950	\$4,190
	SPAN	4305	Spain		\$3,950	\$4,190
	SPAN	4330	Spain		\$3,950	\$4,190
	LLTS	5309	Spain		\$3,950	\$4,190
	EDCI	4399	India	\$4,200		
	CSDO	4300	India	\$4,200		
	CSDO	4320	India	\$4,200		
	EDSE	4399	India	\$4,200		
	EDCU	5399	India	\$4,200		
	BIOL	4471	Philippines	\$4,800		
	BIOL	5410	Philippines	\$4,800		

TEXAS A&M UNIVERSITY
Field Trip/Study Abroad Program Fees
FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Agriculture & Life Sciences	AGCJ	481-520	Nashville, TN	\$552		
	AGCJ	481-566	Nashville, TN	\$1,456		
	AGCJ	489-102	Austin/Central Texas		\$650	\$700
	ALED	313-501	San Miguel de Allende, Mexico		\$1,214	\$1,300
	ALED	401-500	Hacienda, Santa Clara	\$600		
	ESSM	301	Local Sites		\$35	\$40
	ESSM	303	Lufkin, TX		\$15	\$25
	ESSM	315	Hockley, TX		\$60	\$25
	ESSM	316	Eliminated		\$100	\$0
	ESSM	317	To be determined		\$30	\$20
	ESSM	324-500	Sam Houston National Forest	\$60		
	ESSM	489	Eliminated		\$175	\$0
	ESSM	612	Eliminated		\$120	\$0
	ESSM	620	Eliminated		\$50	\$0
	ESSM	647	Lufkin, TX		\$65	\$25
	ESSM	648	Beaumont, TX	\$65		
	FRSC	420	Eliminated		\$10	\$0
	HORT	319-500	Bryan, TX & Caldwell, TX		\$27	\$30
	HORT	421-502	College Station, TX		\$0	\$10
	HORT	432-501	Houston, TX	\$30		
	RENR	345	Tremont, TN	\$550		
	RENR	410	Austin, TX		\$50	\$25
	RENR	470	Eliminated		\$10	\$0
	RPTS	300-150	Alaska		\$850	\$2,245
	RPTS	300- 152	Texas residential youth camps		\$575	\$475
	RPTS	300-153	Austin, Houston, TX; New York City, NY	\$1,117		
	RPTS	300-550	Various Army & Air Force Bases in Central TX	\$358		
	RPTS	300-550	San Antonio, Canyon Lake, TX & San Diego, CA		\$2,148	\$1,835
	RPTS	301	Sam Houston National Forest, Montgomery, TX	\$54		
	RPTS	301	Texas		\$54	\$75
	RPTS	307	Anderson, TX		\$11	\$13
	RPTS	307	Anderson, TX		\$13	\$15
	RPTS	476-500	Sam Houston National Forest & On-Campus	\$455		
	WFSC	401	Huntsville, TX		\$10	\$7
	WFSC	489-300/689-300	Alaska	\$2,200		
	WMHS	602	Hacienda Santa Clara, San Miguel de Allende, Guanajuato, Mexico	\$1,595		
	WMHS	602-500	Hacienda Santa Clara, San Miguel de Allende, Guanajuato, Mexico	\$1,300		
Architecture	CARC	301-555/604-655	Chattahoochee Hills, Georgia	\$7,150		
	COSC	461	Soltis Center, Costa Rica	\$1,800		
	COSC	489-550	England	\$2,900		
	LAND	312-512	Soltis Center, Costa Rica	\$1,350		
Business	ACCT	489-500	Australia- Sydney, Ayers Rock, Cairns, Byron Bay	\$7,908		
	FINC	466-151/666-151	New York		\$1,500	\$2,300
	MGMT	679-661	Marrakech, Casablanca, Morocco & Madrid, Spain	Pd by Dept.		
Education & Human Development	DCED	202-700	New York City, NY	\$1,470		
	DCED	303-500	Hong Kong, China	\$2,610		
	EDAD	685-515	Japan: Fuji, Hiroshima, Kyoto, Osaka, Tokyo	\$4,096		
	EDCI	484-001	San Jose, LaFortuna & Soltis Center, Costa Rica	\$1,563		
	EDCI	485-152	Johannesburg, Cape Town, Robben Island, South Africa, Victoria Falls, Zambia	\$6,385		
	EDCI	485-500/638-600/ 645-600/	New Delhi, Agra, Jaipur, Udaipur, Ahmedabad, Hyderabad, Kochi, Allepey, Truvandrum, Madurai, India	\$4,600		
	EDCI	685-600	Belfast, Northern Ireland and Dublin, Ireland	\$2,400		
	EDCI	645-700	Johannesburg, Cape Town, Robben Island, South Africa, Victoria Falls, Zambia	\$6,385		
	EDCI	683-700	San Miguel de Allende, Mexico		\$2,900	\$2,500
	EDCI	685-001	San Jose, LaFortuna & Soltis Center, Costa Rica	\$1,563		
	EDCI	685-205	Johannesburg, Cape Town, Robben Island, South Africa, Victoria Falls, Zambia	\$6,385		
	EDCI	685-700	Belfast, Northern Ireland and Dublin, Ireland	\$2,400		

TEXAS A&M UNIVERSITY
Field Trip/Study Abroad Program Fees
FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
Field Trip Fees						
Education & Human Development- Cont.	EDCI	685-701	San Miguel de Allende, Mexico		\$2,900	\$2,500
	EHRD	371-901	San Jose, Costa Rica, TAMU Soltis Research Center, and other areas around La Fortuna	\$1,243		
	EHRD	405-501	Japan: Fuji, Hiroshima, Kyoto, Osaka, Tokyo	\$4,096		
	EHRD	405-502	Cairo, Aswan, Luxor, Sharm El Sheikh, Alexandria, Egypt	\$3,289		
	EHRD	408-550	Rome, Venice, Florence, Moneglia, Milan	\$4,098		
	EHRD	408-550	Washington, DC & New York, NY	\$2,999		
	EHRD	408-550	Italy, Austria, Germany, Switzerland	\$3,999		
	EHRD	485-502	Japan: Fuji, Hiroshima, Kyoto, Osaka, Tokyo	\$4,096		
	EHRD	485-550	Rome, Venice, Florence, Moneglia, Milan	\$4,098		
	EHRD	485-550	Washington, DC & New York, NY	\$2,999		
	EHRD	485-550	Italy, Austria, Germany, Switzerland	\$3,999		
	EHRD	605-501/685-530	Japan: Fuji, Hiroshima, Kyoto, Osaka, Tokyo	\$4,096		
	EHRD	685-603	Cairo, Aswan, Luxor, Sharm El Sheikh, Alexandria, Egypt	\$3,289		
	HLTH	236-550	Rome, Venice, Florence, Moneglia, Milan	\$4,098		
	HLTH	236-550	Italy, Austria, Germany, Switzerland	\$3,999		
	HLTH	238-550/285-550	Washington, DC & New York, NY	\$2,999		
	HLTH	285-501	Helsinki, Finland & Tallinn, Republic of Estonia		\$4,001	\$4,300
	HLTH	407-250	Santo Domingo, Manabao, Cabrera, Dominican Republic		\$3,104	\$3,600
	HLTH	485-505	Helsinki, Finland & Tallinn, Republic of Estonia		\$4,001	\$4,300
	HLTH	485-550	Rome, Venice, Florence, Moneglia, Milan	\$4,098		
	HLTH	485-550	Washington, DC & New York, NY	\$2,999		
	HLTH	485-550	Italy, Austria, Germany, Switzerland	\$3,999		
	HLTH	485-583/ 607-250	Santo Domingo, Manabao, Cabrera, Dominican Republic		\$3,104	\$3,600
	HLTH	685-602	Helsinki, Finland & Tallinn, Republic of Estonia		\$4,001	\$4,300
	HLTH	685-683	Santo Domingo, Manabao, Cabrera, Dominican Republic		\$3,104	\$3,600
	INST	210-901	Castiglion Fiorentino, Florence, & Rome, Italy San Jose, Costa Rica, TAMU Soltis Research Center, and other areas around La Fortuna	\$2,545		
	INST	301-901		\$1,243		
	INST	301-901	Castiglion Fiorentino, Florence, & Rome, Italy	\$2,545		
	INST	363-700/485-150	San Miguel de Allende, Mexico		\$2,900	\$2,500
	KINE	120-099/285- 501/485- 505/685-602	Helsinki, Finland & Tallinn, Republic of Estonia		\$4,001	\$4,300
	KINE	199-122/199-585	San Marcos, TX		\$60	\$70
	KINE	199-536	Bryson City, NC		\$460	\$550
	KINE	201-500/485-500	Hong Kong, China	\$2,610		
	KINE	485-500	New York City, NY	\$1,470		
	RDNG	472-902	Belfast, Northern Ireland & Dublin, Ireland	\$2,400		
	SPMT	220-500	Colorado Springs, CO & Park City, UT	\$950		
	SPMT	220-501	Colorado Springs, CO & Winter Park, CO		\$950	\$1,695
	SPMT	220-550	Greece & London	\$3,270		
	SPMT	340-550, 685-550 485-550	Amsterdam (The Netherlands), The Hague (The Netherlands), Cologne (Germany) Greece & London	\$3,585 \$3,270		
	SPMT	485-550/685-650	Colorado Springs, CO & Winter Park, CO		\$950	\$1,695
	SPMT	685-550	Greece & London	\$3,270		
	TCMG	485-501	Japan: Fuji, Hiroshima, Kyoto, Osaka, Tokyo	\$4,096		
	TEED	602-001	San Jose, LaFortuna & Soltis Center, Costa Rica	\$1,563		
	TEFB	406: 501-508	Dallas, TX	\$670		
	TEFB	407: 501-508	Dallas, TX	\$670		
	Engineering	ENGR	112-537/285-500	Yucatan Mexico	\$1,000	
ENGR		112-553 & 554	Yucatan Mexico	\$500		
ENGR		291	Yucatan Mexico	\$1,055		
ENGR		291-502	Yucatan Mexico		\$1,000	\$1,250
PETE		225-507/325- 511/355-503	Doha, Qatar	\$850		
Geosciences	GEOG	205-549	Soltis Center, Costa Rica	\$1,750		
	GEOG	352-240	Gdansk, Poland; Berlin, Germany; Copenhagen, Denmark; Ho, Denmark	\$3,000		

TEXAS A&M UNIVERSITY
Field Trip/Study Abroad Program Fees
FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>	GEOL	285-500	Canyon Lake, TX	\$43		
Geosciences-Cont.	GEOL	300-153	Utah and Montana		\$2,112	\$1,733
	GEOL	302	Llano, TX	\$37		
	GEOL	309	Somerville, TX and Mason, TX		\$100	\$142
	GEOL	330-240	Costa Rica	\$3,035		
	GEOL	330-500	San Miguel de Allende, Mexico	\$2,000		
	GEOL	330-505	Guanajuato and San Miguel de Allende, Guanajuato	\$550		
			State, Mexico			
	GEOL	610	Henderson, TX	\$109		
	GEOS	405-903	Steamboat Springs, CO (no change to current fee)	\$385		
	OCNG	489-502	Galveston, TX	\$100		
	OCNG	654	Port Aransas, TX	\$100		
	LAUNCH- Undergrad Studies	UGST	181-518/182	London, United Kingdom		\$1,800
UGST		181-581	Paris, France		\$2,362	\$2,960
Law School	CLSL	7600-601	Cayman Islands		\$2,900	\$3,225
	CLSL	7600-602	Guanajuato, Mexico	\$1,915		
	LAW	7900-614	Hacienda Santa Clara, San Miguel de Allende, Guanajuato, Mexico	\$1,300		
	LAW		Italy	\$5,000		
Liberal Arts	ANTH	330-163	Fairbanks , Alaska & 2 remote field locations		\$750	\$950
	ANTH	489	Costa Rica		\$1,564	\$1,566
	COMM	291	Hong Kong	\$3,000		
	ENGL	390-501	London, United Kingdom	\$3,355		
	GERM	101	Berlin, Germany		\$2,230	\$2,200
	INTS	285-102	Venice, Italy	\$2,568		
	INTS	285-201	Venice, Italy	\$2,568		
	INTS	289	Berlin, Germany		\$2,230	\$2,200
	INTS	289	Hong Kong	\$3,000		
	PERF	489-501	New Orleans	\$1,940		
	POLS	306-101	Washington D.C.	\$2,675		
	<u>Study Abroad Fees</u>					
Agriculture & Life Sciences	AGSC	301	Mexico	\$6,175		
	ANSC	489	Australia	\$7,400		
	ENTO	489	Mexico	\$10,000		
	HORT	400	Guatemala	\$4,850		
Architecture	CARC	311	China and Taiwan	\$7,255		
	LAND	485	China and Taiwan	\$7,255		
	URPN	460	China and Taiwan	\$7,255		
Education & Human Development	EDAD	654	United Arab Emirates	\$6,350		
	KINE	120, 198-199, 223, 485	New Zealand	\$9,350		
	SPMT	336, 340, 485, 685	Australia	\$9,100		
Engineering	AERO	304	France	\$9,205		
	AERO	485	India	\$4,500		
	CHEN	205	United Kingdom	\$8,950		
	CHEN	414, 433	Denmark	\$10,650		
	CHEN	451	Greece	\$10,125		
	CHEN	461	Italy	\$7,655		
	CHEN	641	Greece	\$10,125		
	CVEN	301, 311, 485	Taiwan	\$11,650		
	ECEN	215	Mexico	\$8,700		
	ECEN	314	Jordan	\$10,625		
	ECEN	325	Colombia	\$7,325		
	ECEN	350, 469, 485, 685	United Kingdom & Scotland	\$9,525		
	ENGR	482	Italy	\$8,900		
	ENGR	482	Italy	\$8,025		
	ENGR	482	Greece	\$11,050		
	ESET	329	China and Hong Kong	\$7,655		
	ESET	455	Finland	\$7,775		
	ISEN	370	Egypt	\$6,850		
	MEEN	221	Colombia	\$7,725		

TEXAS A&M UNIVERSITY
Field Trip/Study Abroad Program Fees
FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Study Abroad Fees</u>						
Engineering-Cont.	MEEN	221, 222	Cyprus	\$6,765		
	MEEN	315	South Korea	\$10,025		
	MEEN	368	France	\$9,205		
	PETE	301, 324	United Kingdom & Germany	\$9,825		
	PETE	301, 324	United Kingdom & Germany	\$9,955		
	PETE	301, 355	United Kingdom	\$11,400		
	PETE	355	Japan	\$9,085		
	PETE	410	Italy	\$8,095		
	PETE	485, 685	United Kingdom & Germany	\$9,825		
	PETE	485, 685	United Kingdom & Germany	\$9,955		
Geosciences	GEOG	352	Poland, Germany, & Denmark	\$11,075		
	GEOG	405, 450	Peru	\$6,565		
Liberal Arts	ANTH	330	Dominica	\$8,550		
	ARAB	101-102, 201-202, 221, 285, 301, 323, 491	Jordan	\$13,100		
	COMM	289, 440	Ireland	\$9,950		
	COMM	458, 489	Singapore, Malaysia, & Indonesia	\$9,550		
	EPSY	484	Costa Rica	\$9,650		
	HIST	280	United Kingdom	\$8,385		
	INST	301	Costa Rica	\$9,650		
	INTA	689	Germany	\$6,950		
	PHIL	482	Italy	\$8,025		
	PHIL	485	Italy	\$8,900		
	PHIL	485	Greece	\$11,050		
	RDNG	468	Costa Rica	\$9,650		
	SPAN	413, 460, 484	Chile	\$16,650		
Mays Business School	IBUS	289, 489	Brazil	\$7,915		
	IDIS	489	Turkey	\$11,400		
	IDIS	489	United Kingdom & Germany	\$9,055		
Veterinary Medicine & Biomedical Sciences	BMEN	400	Germany	\$10,350		
	VTPP	401	Germany	\$10,350		
	VTPP	423, 444, 485	United Kingdom	\$11,350		
	VTPP	485	Germany	\$10,350		

TEXAS A&M UNIVERSITY - GALVESTON

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Galveston Campus	DIVE	251	Lake Travis, Austin, TX		\$510.00	\$550.00
	DIVE	330	Lake Travis, Austin, TX		\$400.00	\$475.00
	DIVE	331	Lake Travis, Austin, TX		\$445.00	\$475.00
	DIVE	357	Lake Travis, Austin, TX		\$160.00	\$290.00
	GEOL	106-401	Llano and Marble Falls, TX	\$236.70		
	MARB	345-401	Blue Lagoon, Huntsville, TX		\$385.00	\$435.00
	MARB	345-402	Blue Lagoon, Huntsville, TX		\$385.00	\$435.00
	MARB	345-403	Blue Lagoon, Huntsville, TX		\$385.00	\$435.00
	MARB	350-250	Panama City, FL		\$1,300.00	\$1,800.00
	MARB	616-601	Blue Lagoon, Huntsville, TX		\$385.00	\$435.00
	MARB	616-603	Blue Lagoon, Huntsville, TX		\$385.00	\$435.00
	MARB	617-250	Panama City, FL		\$1,300.00	\$1,800.00
	MARS	306-401	Hill Country	\$308.06		
	MARS	370-401	Armand Bayou & Barrier Island		\$95.83	\$100.00
	MARS	412-683	Belize		\$0.00	\$1,340.00
	MARS	426	Coastline of Galveston		\$79.25	\$90.10
	MARS	652-601	Water Treatment Plant in Conroe, TX	\$66.00		
	MART	200	Cruise		\$3,500.00	\$4,200.00
	MART	350	Cruise		\$700.00	\$800.00
	MAST	320-401	Local Galveston & Houston Museum	\$160.00		
	POLS	231-401	Washington D.C.	\$500.00		
	POLS	366-401	Commerce, TX	\$150.00		
<u>Study Abroad Fees</u>						
Galveston Campus	MARB	340	Mexico	\$3,500.00		
	MARB	656	Mexico	\$3,500.00		
	MARS	412	Dominican Republic	\$11,215.00		
	MARS	412	Belize	\$6,205.00		
	MARS	683	Dominican Republic	\$11,215.00		
	MARS	683	Belize	\$6,205.00		
	MAST	489	New Zealand	\$9,400.00		

TEXAS A&M UNIVERSITY-CENTRAL TEXAS

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Study Abroad Fees</u>						
Curriculum & Instruction	EDU	325	China	\$4,310		
Management & Marketing	MGTK	489/589	China	\$4,310		

TEXAS A&M UNIVERSITY-COMMERCE

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Study Abroad Fees</u>						
Political Science	PSCI	589	Poland	\$3,000		
Social Work	SWK	497/597	Cuba	\$2,850		
Counseling	COUN	497	Costa Rica		\$2,508	\$2,300
Social Work	SWK	497/597	Costa Rica	\$1,800		
Regents Scholars	ART	497	Europe		\$3,728	\$2,500

TEXAS A&M UNIVERSITY - CORPUS CHRISTI

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Biology	BIOL	3414	Sinton		\$30	\$50
	BIOL	4425	Texas-Various		\$30	\$92
	BIOL	4446	Texas-Various	\$65		
	BIOL	5426	Texas-Various		\$30	\$92
	BIOL	6446	Texas-Various	\$65		
	BIOL	4590	Guadalupe River	\$570		
Chemistry	CHEM	5421	Copano Bay	\$50		
Environmental Science	ESCI	4330	CC Marina/Packery Channel		\$25	\$130
	ESCI	4490	Texas-Various	\$50		
	ESCI	5330	CC Marina/Packery Channel	\$130		
	ESCI	5480	Texas-Various	\$50		
Mariculture	FAMA	5370	Port Aransas	\$30		
Geology	GEOL	1404	Houston	\$30		
	GEOL	4436	Galveston	\$40		
Kinesiology	KINE	3301	Texas-Various	\$110		
Marine Biology	MARB	6590	Guadalupe River	\$570		
<u>Study Abroad Fees</u>						
Various	Various	Various	Belize	\$3,541		
Counseling	CNEP	Various	Costa Rica		\$1,832	\$2,451

TEXAS A&M UNIVERSITY-KINGSVILLE

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Animal, Rangeland & Wildlife Sciences	WSCI	6390-250	Sonora, Mexico	\$500		
<u>Study Abroad Fees</u>						
Psychology & Sociology	PSYC	4315-250	Athens, Greece		\$3,800	\$3,550
	PSYC	5314-250	Athens, Greece		\$3,800	\$3,550
	SOCI	4308-250	Athens, Greece		\$3,800	\$3,550
	SOCI	5309-250	Athens, Greece		\$3,800	\$3,550
	CRIM	4340-250	Athens, Greece		\$3,800	\$3,550
Biology	BIOL	4355-250	Bolivia		\$3,245	\$3,595
	BIOL	5302-250	Bolivia		\$3,245	\$3,595
Communication Sciences & Disorders	CSDO	5330-250	Belize		\$3,560	\$3,410
Marketing	MKTG	4395-250	Lunenburg, Germany		\$3,445	\$2,980
Economics	ECON	3334-250	India & China		\$4,350	\$3,984
Business Administration	BUAD	2374-250	India & China		\$4,350	\$3,984
Music	MUSI	4399-250	Vienna, Austria	\$2,750		
Art, Communications and Theater	ARTS	TBA	Belenfield, Germany	\$3,440		
Language & Literature	SPAN	TBA	Cuba	\$4,120		
	ENGL	TBA	Paris, France & Belgium	\$3,495		
Education	EDED	TBA	Hong Kong, China	\$3,800		
	EDED	TBA	Athens, Greece	\$3,550		
Agriculture & Human Sciences	AGSC	TBA	Israel	\$3,800		

TEXAS A&M UNIVERSITY-TEXARKANA

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
College of Business Acct. Club	NA - Club		New Orleans, LA	\$187		
College of Business Business Club	NA - Club		Dallas, TX	\$227		
<u>Study Abroad Fees</u>						
Spanish	Span	1311	Barcelona, Spain	\$1,736		
	Span	1312	Barcelona, Spain	\$1,736		
Bilingual Education	Bil. Educ	472	Barcelona, Spain	\$1,736		

WEST TEXAS A&M UNIVERSITY
Field Trip/Study Abroad Program Fees
FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Education	EPSY	3341	India	\$4,226		
	EDLD	6308	India	\$4,226		
	EDPD	6385	India	\$4,226		
	PSYS	6095/6099/6392	India	\$4,226		
Art, Theatre and Dance	ARTS	3392	Greece, England	\$4,394		
	COMM/MCOM	4300	Greece, England	\$4,394		
	COMM	5300	Greece, England	\$4,394		
English, Philosophy & Modern Languages	SPAN	2311/2313/ 2371/3315	Spain	\$5,730		
Music	MUEN	1029/3029	Czech Republic, Austria, Hungary	\$4,418		
<u>Study Abroad Fees</u>						
Engineering	ENGR	2372	Austria	\$3,700		
English, Philosophy & Modern Languages	ENGL	4392/6350	England	\$5,269		
Education	COUN	6328/6330/6398/ 6399	Peru	\$4,032		
	EDPD	6304/4378/4388/ 5388	Peru	\$4,032		
Political Science	PSYC	2301	China	\$4,112		
	POSC	4378	China	\$4,112		
	CRIJ/EMA/POS C	4356	China	\$4,112		
	PSYC	4380/5380	China	\$4,112		
	PSYC	6315	China	\$4,112		
	EMA	4350	China	\$4,112		
	POSC/EMA	4352	China	\$4,112		
Psychology, Sociology & Social Work	SOCW	4370/5370	China	\$4,073		
	SOCI	3392	China	\$4,073		

TEXAS A&M UNIVERSITY - HEALTH SCIENCE CENTER

Field Trip/Study Abroad Program Fees

FY 2016

Department	Course	Course #	Destination	New Fee	Increased (Decreased) Fee	
					From	To
<u>Field Trip Fees</u>						
Health Science Center	HPCH	689	Texas Medical Center, Houston, TX	\$690		

THE TEXAS A&M UNIVERSITY SYSTEM
Field Trip/Study Abroad Program Fees
FY 2016

The following System Members submitted no new or amended Field Trip/Study Abroad Program Fees:

Prairie View A&M University
Texas A&M University-San Antonio

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: F. Dominic Dottavio, Ph.D., President
Tarleton State University

Subject: Authorization to Award an Honorary Degree to Mr. A. Dwain Mayfield

Proposed Board Action:

Authorize the president of Tarleton State University (Tarleton) to award an Honorary Doctorate of Humane Letters degree to Mr. A. Dwain Mayfield.

Background Information:

In accordance with System Policy [*11.07, Granting of Honorary Degrees*](#), Tarleton submits this request to award an Honorary Doctorate of Humane Letters degree to Mr. A. Dwain Mayfield, a Tarleton alumnus.

Mr. Mayfield serves on Tarleton's College of Science and Technology Dean's Circle and teaches for the Tarleton Aeronautical Team. Mr. Mayfield has made a lasting mark on Tarleton through his support of students, scholarship and philanthropy, and serving the university in volunteer capacities. This recognition is a tribute to his distinguished career in the aerospace industry. A summary of Mr. Mayfield's accomplishments is attached.

The nomination received the unanimous support of the Honorary Degree Selection Committee, which is comprised of the Provost and Executive Vice President for Academic Affairs, the Vice President for Advancement and External Relations, one dean, one professor, an associate professor, Faculty Senate President and a designee from the office of the vice president of student life. This committee forwarded the nomination in accordance with Tarleton Rule [*11.07.99.T1, Granting of Honorary Degrees*](#).

With Board authorization, this honorary degree will be presented to Mr. Mayfield in May 2017 at Tarleton's commencement ceremony.

A&M System Funding or Other Financial Implications:

None.

Agenda Item No.

TARLETON STATE UNIVERSITY

Office of the President

November 17, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Authorization to Award an Honorary Degree to Mr. A. Dwain Mayfield

I recommend adoption of the following minute order:

“The president of Tarleton State University is authorized to award an Honorary Doctorate of Humane Letters degree to Mr. A. Dwain Mayfield.”

Respectfully submitted,

F. Dominic Dottavio, Ph.D.
President

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Summary of Accomplishments
Mr. A. Dwain Mayfield

A. Dwain Mayfield graduated from Tarleton State College with an associate's degree in 1957, then went on to earn his bachelor of science degree and a master's of civil engineering from Texas A&M University. He also attended Texas Christian University where he earned a master's in business administration in 1973.

Mr. Mayfield joined General Dynamics in Fort Worth in 1961 as a design engineer, eventually becoming the vice president of program development for the Fort Worth Division and later vice president of marketing initiatives. He traveled extensively in his various positions, visiting over forty foreign countries in the various marketing efforts.

As a member of Lockheed Martin Aeronautics management team, Mr. Mayfield served as a senior advisor for all Lockheed Martin fighter and transport business initiatives. In this capacity, he had the opportunity to work with all of the major defense and electronics firms in the development of advanced electronic and mechanical systems that are being employed on our major aeronautical systems.

Mr. Mayfield has made a lasting mark on Tarleton through his support of students, scholarship and philanthropy, and serving the university in volunteer capacities. He and his wife, Lynda, established an endowed scholarship in engineering. Mr. Mayfield sits on the College of Science & Technology's Dean's Circle, led the Tarleton Foundation, Inc. as president, and teaches as advisor-extraordinaire for the Tarleton Aeronautical Team—a student-led initiative that has achieved national and international recognition during competition thanks to Mr. Mayfield's guidance and encouragement.

Mr. Mayfield is also involved with Texas A&M University in a variety of roles. He formerly served as a recruiter for General Dynamics and later as Lockheed Martin's appointed university executive for Texas A&M. Volunteering his time at Texas A&M, he currently serves as The Association of Former Students' Chair of the Board and is a member of the President's Advisory Council, the Chancellor's Century Council and serves on the Dwight Look College of Engineering Advisory Council. He also serves on the International Programs Advisory Board, the Development Council of the Bush School of Government and Public Service, and is an emeritus member of the Private Enterprise Research Center board.

Mr. Mayfield is President of ADM Global Resources, a consulting firm offering a wide range of international business services to select clients.

Agenda Item No.

TEXAS A&M INTERNATIONAL UNIVERSITY

Office of the President

November 28, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Academic Tenure, February 2017, Texas A&M International University

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01, *Academic Freedom, Responsibility and Tenure*, hereby authorizes the granting of tenure to the following faculty member at Texas A&M International University as set forth in the exhibit, Tenure List No. 17-03.”

Respectfully submitted,

Pablo Arenaz
President

Approval Recommended:

John Sharp
Chancellor

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel

**TEXAS A&M INTERNATIONAL UNIVERSITY
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 17-03**

<u>Name</u>	<u>Present Rank</u> <u>Department</u>	<u>Yrs. Towards Tenure</u> <u>Univ./</u>	<u>Other Inst.</u>	<u>Effective</u> <u>Date/Tenure</u>
A.R. SANCHEZ, JR. SCHOOL OF BUSINESS				
Dr. Stephen J. Meardon	Associate Professor Banking and Finance Studies	0	11	Upon Approval by the Board and Faculty Arrival

**TEXAS A&M INTERNATIONAL UNIVERSITY
BACKGROUND OF FACULTY
RECOMMENDED FOR ACADEMIC TENURE**

A.R. SANCHEZ, JR. SCHOOL OF BUSINESS

<u>Name</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
Dr. Stephen J. Meardon	Ph.D. (1999) Duke University	Fa 1999 – Sp 2001 Assistant Professor Williams College
		Fa 2007 – Sp 2008 Assistant Professor Bowling Green State University
		Fa 2008 – Sp 2015 Assistant Professor Bowdoin College
		Sp 2015 – Fa 2016 Associate Professor Bowdoin College
		Sp 2017 Associate Professor Texas A&M International University

Agenda Item No.

TEXAS A&M UNIVERSITY

Office of the President

November 14, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Academic Tenure, February 2017, Texas A&M University

I recommend adoption of the following minute order.

“The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01, *Academic Freedom, Responsibility and Tenure*, hereby authorizes the granting of tenure to the following faculty members at Texas A&M University as set forth in the exhibit, Tenure List No. 17-03.”

Respectfully submitted,

Michael K. Young
President

Approval Recommended:

John Sharp
Chancellor

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel

**TEXAS A&M UNIVERSITY
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 17-03**

<u>Name</u>	<u>Present Rank Department</u>	<u>Yrs. Towards Tenure Univ./</u>	<u>Other Inst.</u>	<u>Effective Date/Tenure</u>
COLLEGE OF ARCHITECTURE				
Dr. Dawn E. Jourdan	Professor Landscape Architecture and Urban Planning	2	8	Upon Approval by the Board and Faculty Arrival
COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT				
Dr. Marlene A. Dixon	Professor Health and Kinesiology	0	12	Upon Approval by the Board and Faculty Arrival
Dr. Tamika D. Gilreath	Associate Professor Health and Kinesiology	0	7	Upon Approval by the Board and Faculty Arrival
COLLEGE OF ENGINEERING				
Dr. Bjorn Birgisson	Professor Civil Engineering	0	>15	Upon Approval by the Board and Faculty Arrival
Dr. George J. Moridis	Professor Petroleum Engineering	0	>15	Upon Approval by the Board and Faculty Arrival
Dr. Zhijian Pei	Professor Industrial and Systems Engineering	0	>15	Upon Approval by the Board and Faculty Arrival
Dr. George M. Pharr	Professor Materials Science and Engineering	0	>15	Upon Approval by the Board and Faculty Arrival
Dr. Srikanth Saripalli	Associate Professor Materials Science and Engineering	0	8	Upon Approval by the Board and Faculty Arrival

COLLEGE OF VETERINARY MEDICINE AND BIOMEDICAL SCIENCES

Dr. Nicholas D. Jeffery	Professor Small Animal Clinical Sciences	0	>15	Upon Approval by the Board and Faculty Arrival
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SCHOOL OF PUBLIC HEALTH

Dr. Amy L. Fairchild	Professor Health Policy and Management	0	>15	Upon Approval by the Board and Faculty Arrival
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**TEXAS A&M UNIVERSITY
BACKGROUND OF FACULTY
RECOMMENDED FOR ACADEMIC TENURE**

COLLEGE OF ARCHITECTURE

<u>Name</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
Dr. Dawn E. Jourdan	Ph.D. (2004) Florida State University	Sp 2005 – Fa 2007 Assistant Professor Texas A&M University Sp 2008 – Su 2012 Assistant Professor University of Florida Fa 2012 – Su 2016 Associate Professor (Tenured 2012) University of Oklahoma Fa 2016 Professor Texas A&M University

COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

<u>Name</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
Dr. Marlene A. Dixon	Ph.D. (2002) The Ohio State University	Fa 2004 – Sp 2013 Associate Professor (Tenured 2010) The University of Texas at Austin Fa 2013 – Su 2016 Professor (Tenured 2014) Troy University Fa 2016 Professor Texas A&M University
Dr. Tamika D. Gilreath	Ph.D. (2007) The Pennsylvania State University	Su 2009 – Sp 2016 Assistant Professor University of Southern California Su 2016 Associate Professor Texas A&M University

COLLEGE OF ENGINEERING

<u>Name</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
Dr. Bjorn Birgisson	Ph.D. (1996) University of Minnesota	Fa 1998 – Su 2004 Assistant Professor University of Florida
		Fa 2004 – Su 2007 Associate Professor (Tenured 2004) University of Florida
		Fa 2007 – Fa 2014 Professor (Tenured 2007) KTH Royal Institute of Technology
		Sp 2015 – Su 2016 Professor (Tenured 2014) Aston University
		Fa 2016 Professor Texas A&M University
Dr. George J. Moridis	Ph.D. (1987) Texas A&M University	1993 – 2013 Staff Scientist University of California-Lawrence Berkeley National Laboratory
		2013 – 2016 Senior Scientist University of California-Lawrence Berkeley National Laboratory
		Fa 2016 Professor Texas A&M University

COLLEGE OF ENGINEERING (Continued)

Dr. Zhijian Pei	Ph.D. (1995) University of Illinois	Fa 2000 – Su 2005 Assistant Professor Kansas State University
		Fa 2005– Su 2009 Associate Professor (Tenured 2005) Kansas State University
		Fa 2009 – Su 2016 Professor Kansas State University
		Fa 2016 Professor Texas A&M University
Dr. George M. Pharr	Ph.D. (1979) Stanford University	Fa 1980 – Su 1985 Assistant Professor Rice University
		Fa 1985 – Su 1991 Associate Professor (Tenured 1985) Rice University
		Fa 1991 – Su 1998 Professor Rice University
		Fa 1998 – Su 2016 Professor (Tenured 1998) University of Tennessee
		Fa 2016 Professor Texas A&M University
Dr. Srikanth Saripalli	Ph.D. (2007) University of Southern California	Fa 2008 – Su 2014 Assistant Professor Arizona State University
		Fa 2014 – Fa 2016 Associate Professor (Tenured 2014) Arizona State University
		Sp 2017 Associate Professor Texas A&M University

COLLEGE OF VETERINARY MEDICINE AND BIOMEDICAL SCIENCES

<u>Name</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
Dr. Nicholas D. Jeffery	Ph.D. (1998) University of Cambridge	Fa 2000 – Fa 2004 University Lecturer (Tenured 2000) University of Cambridge Fa 2004 – Fa 2006 University Senior Lecturer University of Cambridge Fa 2006 – Fa 2010 Professor University of Cambridge Fa 2010 – Fa 2016 Professor (Tenured 2010) Iowa State University Fa 2016 Professor Texas A&M University

SCHOOL OF PUBLIC HEALTH

<u>Name</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
Dr. Amy L. Fairchild	Ph.D. (1997) Columbia University	Su 1997 – Su 2006 Assistant Professor Columbia University Fa 2006 – Sp 2010 (Tenured 2007) Associate Professor Columbia University Su 2010 – Su 2016 Professor Columbia University Fa 2016 Professor Texas A&M University

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Michael K. Young, President
Texas A&M University

Subject: Granting of Faculty Development Leave for FY 2018, Texas A&M University

Proposed Board Action:

Authorize faculty development leave for FY 2018 at Texas A&M University (Texas A&M).

Background Information:

System Policy [31.03, Leaves of Absence](#), and System Regulation [12.99.01, Faculty Development Leave](#), require that a recommendation for faculty development leave be submitted by the university president to the chancellor for recommendation to the Board of Regents for approval. At Texas A&M, the application is submitted with support of the academic department, college dean, university development leave committee (elected by the general faculty), provost and executive vice president for academic affairs and president.

As shown in the exhibit, Texas A&M requests approval for faculty development leave for 81 faculty members for FY 2018.

Texas A&M is in compliance with the statutory requirement that no more than six percent of eligible faculty be on development leave at any time.

A&M System Funding or Other Financial Implications:

No additional funding is required. Department faculty members are assuming the recommended faculty members' teaching loads by adjusting course offerings the next academic year.

Agenda Item No.

TEXAS A&M UNIVERSITY

Office of the President

November 16, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Granting of Faculty Development Leave for FY 2018, Texas A&M University

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System, in accordance with System Policy 31.03, System Regulation 12.99.01 and Sections 51.101-108 of the Texas Education Code, authorizes faculty development leave to the faculty members as shown in the exhibit, Faculty Development Leave List FY 2018, Texas A&M University.”

Respectfully submitted,

Michael K. Young
President

Approval Recommended:

John Sharp
Chancellor

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel

**FACULTY DEVELOPMENT LEAVE LIST
FY 2018
TEXAS A&M UNIVERSITY**

Name/ Title/ Department	Years of Texas A&M Tenured, Tenure- Track Service	Semester of Leave	Location and Brief Description of Leave
BUSH SCHOOL OF GOVERNMENT AND PUBLIC SERVICE			
Kalena Cortes Associate Professor Public Service and Administration	6	Fall 2017- Spring 2018	Dr. Cortes' leave will be spent at Stanford University expanding an existing project called Dallas-Ready4K!, a literacy-focused text-messaging program for economically disadvantaged parents of preschoolers in the Dallas Independent School District. Dr. Cortes' research aims to increase parental involvement in their children's education, with the ultimate goal of increasing preschoolers' readiness for school. By analyzing experimental data and interviewing parents, Dr. Cortes will evaluate the effectiveness of this low cost and wide-spread technology. The Dallas-Ready4K! findings will bring national attention to and enhance the educational research reputation of the Bush School of Government & Public Service and Texas A&M. .
Ren Mu Associate Professor International Affairs	9	Fall 2017	Dr. Mu will spend the leave doing research at Texas A&M University and conducting field visits in China. She will work on two projects. The first project studies the relationship between income inequality and Chinese public preference for redistribution policies. The second project, funded by the World Bank, examines the impact of rural-to-urban migration on governance institutions in rural China. Performing research on these two topics will benefit the university and the department by advancing knowledge of economic development. It will keep the students and faculty informed of the social and economic changes and challenges salient to China today.

COLLEGE OF AGRICULTURE AND LIFE SCIENCES			
John Crompton Distinguished Professor Recreation, Park, and Tourism Sciences	40	Fall 2017- Spring 2018	Dr. Crompton's leave will take place at the Universities of Oregon, Massachusetts-Amherst, and Texas A&M. At Oregon University, Dr. Crompton will be working on two texts: <i>3rd edition of The Proximate Principle</i> and <i>4th edition of Financing Sport</i> . Texas A&M's students will benefit both from the updated texts and his updated knowledge, while Texas A&M's reputation will be enhanced by the books' widespread adoption at other institutions. At the University of Massachusetts, Dr. Crompton will develop a research agenda around applications of behavioral economic principles to pricing tourism services. This will consolidate his status as the world's most cited scholar in tourism, which will attract top graduate students to Texas A&M.
Jianbang Gan Professor Ecosystem Science and Management	15	Spring 2018	Dr. Gan's leave will take place at the New Zealand Forest Research Institute and European Forest Institute researching an application that will assess logging. This application, built on the applicant's existing work with the United Nations Environment Programme, will assess the impacts of illegal logging and timber trade on markets, carbon sequestration, and biodiversity and will develop mechanisms to mitigate illegal logging and its negative impacts. He will address a pressing issue in global forest conservation and forge international collaboration in research and teaching. The planned activities and expected outcomes mirror the department's strategic themes, benefiting the department, college, and university by enhancing their international visibility and developing partnerships for future cooperation.
Ping He Associate Professor Biochemistry and Biophysics	7	Spring 2018	Dr. He's leave will take place at the Institute of Plant Biology at the University of Zurich in Switzerland. He will visit the laboratory of Dr. Bruno Müller to master the state-of-the-art cell imaging and hormone signaling during the plant stem cell development process. Dr. He will implement these techniques to understand the crosstalk between plant immunity and hormone-mediated growth. Developing imaging tools to monitor specific hormone signaling pathways will provide a unique opportunity to dissect how the growth hormone coordinates with defense responses during infections. The experience will expand knowledge for his teaching program and integrate his research program on plant defense signaling into hormone-mediated growth and development.

Tatyana Igumenova Associate Professor Biochemistry and Biophysics	8	Spring 2018	Dr. Igumenova will spend her leave at the University of Helsinki, Finland, in the biological physics laboratory led by Professor Vattulainen. The main objective is to gain in-depth expertise in advanced computer simulation methods applied to protein-membrane systems. The acquired expertise and technologies will help build a strong multi-disciplinary program in Dr. Igumenova's laboratory and will be instrumental for increasing the impact of future research. The project will stimulate international collaborative interactions with a leading computational biophysicist, advance multi-disciplinary research at Texas A&M, enrich the graduate core curriculum, and facilitate training of students in the field of modern biophysics.
Tazim Jamal Associate Professor Recreation, Park, and Tourism Sciences	12	Fall 2017	Dr. Jamal's leave will take place at Texas A&M to produce an academic book on justice and ethics in tourism that will greatly advance sustainable tourism research, teaching and practice. The book will contribute to theory building as well to teaching of tourism ethics and destination justice, gender equity, fairness and empowerment. Book insights will be presented at a sustainable tourism conference in Europe and include a short trip to Victoria, B.C., Canada to complete a case study for the book. The project furthers international recognition for the department, college and university in research and teaching of fair and sustainable tourism.
Libo Shan Professor Plant Pathology and Microbiology	7	Spring 2018	Dr. Shan's leave will take place with the FDA at the Instituto Gulbenkian de Ciência in Portugal. This is to gain genetic, biochemical and metabolomics expertise in sugar profiling and energy signaling in plants. While learning the newly-developed techniques, Dr. Shan will quantify various sugar and metabolite components in a series of plant defense mutants that Dr. Shan has generated at Texas A&M. This experience will update knowledge for her teaching program and integrate her successful research program on plant defense signaling into metabolomics and energy signaling, thereby, leveraging her excellence in research and competitiveness in grant applications.
COLLEGE OF ARCHITECTURE			
Geoffrey Booth Associate Professor Landscape Architecture and Urban Planning	7	Spring 2018	Professor Booth will utilize the leave in College Station, Texas, and at Thesen Island in Knysna and Crossways Farm Village in Africa, researching and writing his latest book on the need for, and methods of, combining best-practice urban design with robust financial feasibility, to create real estate assets of enduring value. To date, this has largely been overlooked, with poor research and documentation which has led to the detriment of real estate development quality and urban settlements across the globe. The book will illuminate teaching, advance research, inspire service, and further consolidate Texas A&M's reputation and standing with alumni, the real estate sector, and the community.

Sarah Deyong Associate Professor Architecture	9	Fall 2017	Dr. Deyong's leave will take place in College Station, Texas, to write a significant portion of her book manuscript on teaching pedagogy in the design studio. Her introduction and two chapters will be included in a book proposal which she plans to submit to a university press. Her book will provide a novel interpretation of the design process based on her teaching experience and on original archival research. It will disseminate design lessons and principles gathered over many years of teaching to future students and will strengthen the design curriculum in the Department of Architecture at Texas A&M.
Philip Galanter Associate Professor Visualization	8	Spring 2018	Professor Galanter's leave will take place in College Station, Texas, to complete a book on complexism. Consonant with the Department of Visualization's interdisciplinary art and technology agenda, complexism provides theory that reconciles the 50-year conflict between the cultures of science and the humanities. An invention of the applicant, complexism has gained significant traction in publication, citation, and conference discussion. A book-length treatment will consolidate that progress. Our students will benefit from a much-needed theoretical foundation for their already successful hybrid practice. The state and university will benefit from the impact on scholarship through the unveiling of surprising interdisciplinary connections.
Anat Geva Professor Architecture	16	Spring 2018	Dr. Geva's leave will be in College Station to complete writing a monograph/book entitled: "Pushing the Envelope: American Modern Synagogues (1950s-1960s)." The focus of the book is to show to what extent these designs expressed American values of freedom of religion and reflected innovations in aesthetics and building technology. The book's significance and benefit to students is in its introduction of a new perspective to the study of American modern synagogues that may serve as a conceptual framework and a blueprint to the study of sacred architecture of other American religious minorities. Yale University Press and Virginia University Press expressed interest to publish this book.
Joseph Horlen Associate Professor Construction Science	14	Spring 2018	Dr. Horlen's development leave will involve travel throughout Texas for interviews with attorneys practicing construction law, data gathering, and observation of construction dispute resolution. He will investigate causes of construction disputes, strategies for handling disputes and likely outcomes of litigation. He will interpret the data and information to benefit students studying construction contracts, risk management and dispute resolution leading to better classroom instruction and impact as well as articles and publications. This will solidify Texas A&M as the leader in construction education in the world.

Yu Xiao Associate Professor Landscape Architecture and Urban Planning	8	Spring 2018	Dr. Xiao's leave will take place at the University of Auckland in New Zealand. She will conduct research on hazard mitigation planning and community resiliency with faculty in the School of Architecture and Planning and the Business School. By studying New Zealand's approaches to hazard mitigation, her leave can potentially push forward the frontiers of academic inquiry on community resiliency. Her research will result in new case studies to enhance teaching, facilitate student and research exchange, and increase the international exposure of Texas A&M, the College of Architecture, and the Department of Landscape Architecture and Urban Planning in the southern hemisphere.
COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT			
Jamalia Blake Associate Professor Educational Psychology	9	Fall 2017	Dr. Blake's leave will take place in Washington, DC, to examine racial bias in educators' discipline decisions for girls. Findings from this study will be used to develop policies to prevent the overuse of school suspension for girls of color. Dr. Blake will collect data from teachers on their school discipline decisions and develop a policy brief for addressing discipline disparities based on the results. This project will bolster Dr. Blake's reputation as a national expert while increasing Texas A&M's national visibility and contribution to addressing racial/ethnic disparities in education.
Lynn Burlbaw Professor Teaching, Learning, and Culture	27	Spring 2018	Dr. Burlbaw will spend his leave in Bryan, Texas, with trips to the National Archives II in College Park, Maryland, and Steelworks of the West in Pueblo, Colorado. He will continue his multi-year research projects into the education of children and adult employees of the Colorado Fuel and Iron Company (Colorado) and support for schools and schooling in Texas funded by New Deal Programs (College Park). The knowledge acquired will be used in his graduate courses and for presentations and manuscripts submitted for publication made by and with his graduate students.
R. Malatesha Joshi Professor Teaching, Learning, and Culture	16	Spring 2018	Dr. Joshi's leave will be spent in Germany, Portugal, and India. His activities during this leave include international collaboration on spelling error analyses that would result in publications, assisting in the development of an assessment battery and English as a Second Language program, continued international collaborations with researchers and graduate students, and preparation of grant proposals for federal and international funding. Benefits of this leave to Texas A&M include the development of grant proposals and publications, thus increasing the visibility of Texas A&M globally.

Oi-man Kwok Professor Educational Psychology	12	Fall 2017	Dr. Kwok's leave will take place in Taiwan at the National Chiao Tung University and the National Changhua University of Education. He will initiate plans with his Taiwanese colleagues to submit multi-site grant proposals to examine the effectiveness of a revised gifted education curriculum. He will also work with his colleagues using their data to produce high-quality publications. This collaborative experience as a visiting scholar will enrich Dr. Kwok's teaching and mentoring of students.
John Singer Associate Professor Health and Kinesiology	10	Fall 2017	Dr. Singer's leave will take place at the University of Pittsburgh's Center for Urban Education (CUE). The purpose of this leave is to conduct research on Black student-athletes' educational experiences at various universities and strengthen collaborations with colleagues. Dr. Singer will use data from this project to write multiple peer-refereed journal articles, explore external grant opportunities, and augment his forthcoming book with Harvard Education Press. He will also work with scholars at CUE to develop a better understanding of urban schools and foster relationships with organized sport programs in these contexts. These experiences will enhance Dr. Singer's research, teaching, and Texas A&M's overall vision.
COLLEGE OF ENGINEERING			
Sergiy Butenko Professor Industrial and Systems Engineering	13	Fall 2017- Spring 2018	Dr. Butenko will use his leave for extended visits to institutions around the world, both in academia and industry, including Amazon.com, Inc., the University of Porto (Portugal), the University of Sydney (Australia), and Glushkov Institute of Cybernetics (Ukraine), to expand and enhance collaborations on research in mathematical optimization and applications, to successfully complete several ongoing sponsored research projects in this area, as well as to discuss future research initiatives. The planned activities will strengthen his research program, enrich the content of courses in optimization he teaches, and contribute to the professional development of graduate and undergraduate students.
Hamn-Ching Chen Professor Civil Engineering	25	Fall 2017- Spring 2018	Dr. Chen will spend his leave at the Maritime Research Institute Netherlands (MARIN) and at the National Sun Yat-Sen University (NSYSU) in Taiwan. He will collaborate with MARIN researchers to develop advanced computational fluid dynamics capabilities. The new computational algorithms will be integrated into Dr. Chen's computer program and used for a collaborative NSYSU research project in the design of ocean renewable energy systems. These collaborations will strengthen the existing cooperation and enable Dr. Chen to establish new research programs and funding opportunities in the ocean renewable energy area, as well as incorporate new computational algorithms into his courses.

Zheng Dong Cheng Associate Professor Chemical Engineering	12	Fall 2017	Dr. Cheng will collaborate with Professor Ying Chen at the Guangdong University of Technology and Professor Deyun Zeng of Tsinghua University, China, to perform research in active soft matter, translate his textbook on soft matter into Chinese, and explore the applications of soft matter technology to industrial applications. Dr. Cheng will establish new research directions on active soft matter, bring graduate students to China to enhance their international experience, and explore the market for this soft matter technology to practical applications utilizing China's economic development. The expected impacts will enhance the United States/China collaboration in research and education.
Yu Ding Professor Industrial and Systems Engineering	15	Fall 2017	Dr. Ding will use his leave for extended visits to the National Wind Technology Center near Boulder, Colorado, the University of Michigan, and industry partners including SmartBlade, Berlin, Germany; Apex Energy, Charlottesville, Virginia; and ABB Corporate Research Center, Raleigh, North Carolina, to collaborate on research and advance data science methods for addressing challenges in wind energy applications. The goal is to lay the groundwork leading to the formation of a university-industry-government consortium. This effort is expected to place Texas A&M in a national leading position in wind energy research. The broad collaborations also bring educational benefits, such as student internship and employment opportunities, to the university community.
David Ford Professor Civil Engineering	16	Spring 2018	Dr. Ford's leave will take place at the United States Military Academy and at the Department of Education's Argonne National Laboratory. He will use his leave to build an interdisciplinary research team, develop and submit proposals, and conduct research on increasing community resilience to disasters. His research will be integrated into his current research in disaster recovery to integrate how communities can increase their resilience to disasters such as hurricanes, earthquakes, and armed conflict by improving their recoveries from those disasters. The work will enhance his research and build expertise and partnerships, thereby enhancing the reputation of his department, college, and Texas A&M.

Paul Gratz Associate Professor Electrical and Computer Engineering	8	Fall 2017- Spring 2018	Dr. Gratz's leave will take place at The University of Edinburgh in Edinburgh, Scotland, United Kingdom, The University of Cambridge and The University of Glasgow to give seminars. The objectives of the proposed leave will be to establish long-term collaborations, and gain new expertise and international research exposure. These objectives will be achieved through a year-long stay. The proposed leave will provide the opportunity to raise the visibility of Dr. Gratz's research program and Texas A&M internationally. His research will benefit through new long-term collaborations and new research areas. Dr. Gratz's teaching will benefit from introducing new topics and techniques.
Arul Jayaraman Professor Chemical Engineering	12	Spring 2018	Dr. Jayaraman will spend his faculty development leave in Professor Kyongbum Lee's laboratory at Tufts University, Boston, where he will work to develop a new research thrust investigating the connection between the microbes in the gut and brain cognitive function. Working on this emerging and multi-disciplinary area of investigation will expand his ongoing collaboration with Professor Lee. The proposed activities will train his students in cutting-edge analytical methodologies, which will in turn benefit other Texas A&M students and researchers. Establishing this new research thrust is expected to lead to several grant submissions which directly benefits the department, college, and Texas A&M.
Jun Kameoka Associate Professor Electrical and Computer Engineering	11	Fall 2017	Dr. Kameoka's leave will take place with Dr. Misawa at Tokyo Jikei University School of Medicine and Dr. Kawahira at Chiba University (Japan) to develop a pneumatically actuated soft surgical tool (PASCO) platform. PASCO is used to translocate tissue during laparoscopic surgery and is in high demand worldwide. The proposed leave will facilitate the testing of this platform in animal experiments. A successful demonstration of the proposed platform will promote acquisition of funding and advance commercial interests in surgical operations. The proposed work will also be used to develop new multidisciplinary courses on surgical tools.
John Killough Professor Petroleum Engineering	5	Spring 2018	Dr. Killough's leave will take place at the University of Texas, Austin, in the group of Professor Mary Wheeler. Professor Wheeler's Center for Subsurface Modeling is well-known as one of the top research groups for the simulation of flow in porous media. This experience will allow Professor Killough to further state-of-the-art research in his group at Texas A&M in addition to improving the research of the college. In particular, this work will help to enhance the numerical modeling capabilities already present in the industry-sponsored Crisman/Berg Hughes Center and will benefit the students in the Department of Petroleum Engineering.

Panganamala Kumar Professor Electrical and Computer Engineering	5	Fall 2017	Dr. Kumar's leave will take place at the Division of Electrical Sciences and Robert Bosch Center for Cyber Physical Systems at the Indian Institute of Science in Bangalore, India, one of the world's largest centers in this field. He will obtain expertise and collaborate on cyberphysical systems research projects in energy, transportation and water. His leave will enhance his research on cyberphysical systems, a key multidisciplinary thrust of the College of Engineering, strengthen academic course content at Texas A&M, and enable him to pursue future research funding on projects with significant large-scale societal impact from the National Science Foundation.
Victor Leon Professor Engineering Technology and Industrial Distribution	25	Fall 2017- Spring 2018	Dr. Leon will use his leave to work with Dr. Lee Loo-Hay at the National University of Singapore to collaborate on research related to the operation of a new mega-port in Singapore. His research includes the development of planning and control algorithms for the port's autonomous material handling systems. The funding potential of his research program will benefit from Dr. Loo-Hay's work in simulation-based optimization and port logistics experience. Texas A&M students will benefit from Dr. Leon's experience working with the most advanced container port in the world. This collaboration will strengthen Texas A&M's reputation among top universities in the world.
Kristen Maitland Associate Professor Biomedical Engineering	9	Fall 2017	Dr. Maitland's leave will take place at the Memorial Sloan Kettering Cancer Center and Texas A&M College of Dentistry. Dr. Maitland will collaborate on the preparation of a multi-institution grant proposal for submission to the National Institutes of Health to advance her research program and scholarship in handheld imaging devices for early cancer detection. Dr. Maitland will also work with the Texas A&M Institute for Advanced Study Fellow in College Station on data analysis. The department and university will benefit from increased visibility and recognition of the research, expansion of the multidisciplinary team, and increased exposure for student researchers.
Alan Palazzolo Professor Mechanical Engineering	31	Spring 2018	Dr. Palazzolo's leave will take place in College Station, Texas, to complete a college textbook/book and companion solution manual. The title of the textbook is "Nonlinear, Parametric and Rotordynamic Vibrations" and is under contract with John Wiley. The topic of the book will enhance visibility, attract research funding, will be an excellent pedagogical tool for his two graduate courses, and bring greater name recognition to the department and the university. The book topic is widely applicable to government and industry funding centers.

Dezhen Song Professor Computer Science and Engineering	12	Fall 2017- Spring 2018	Dr. Song's leave will take place at the University of Hamburg, Germany, and The Chinese University of Hong Kong, China. The visit will advance Dr. Song's research collaboration with the renowned labs in Europe and China in autonomous navigation for robots/vehicles and large scale crowd surveillance. The visit will help combine the fundamental research at Texas A&M with the hosts' rich application experience to develop better systems and algorithms to cope with challenges in the two important fields of robotics. It will also help recruit top notch students from the two universities and increases Texas A&M's visibility and international reputation across continents.
John Sweetman Professor Ocean Engineering	13	Fall 2017- Spring 2018	Dr. Sweetman's leave will take place at the United States Army Corps of Engineers (Corps) Office of Operations in Galveston, Texas, with formal administrative assignment to the Engineering Research and Development Center in Vicksburg, Mississippi. Dr. Sweetman will work with the Corps' operational engineering staff in Galveston and with research staff in Vicksburg on projects and studies of direct relevance to the newly-formed Department of Ocean Engineering. The leave will help focus new departmental research and teaching initiatives on practical aspects of navigation and coastal protection and, ultimately, raise the level of departmental and university prominence in ocean engineering.
Sreeram Vaddiraju Associate Professor Chemical Engineering	7	Fall 2017	Dr. Vaddiraju's leave will take place in Dr. Agrawal's laboratory at Purdue University for forging new directions in renewable energy research and education. Specifically, comprehensive strategies for the design and production of stable photocatalysts useful for efficiently employing solar energy in splitting water into hydrogen fuel will be designed. This interaction will allow him to forge a new materials genome research direction in his laboratory. Elements of this research will also be useful additions to the curricula of classes offered by him both as part of the Chemical Engineering Program and Texas A&M Energy Institute's Master's in Energy Program.
Xiubin Wang Associate Professor Civil Engineering	8	Spring 2018	Dr. Wang's leave will take place at Wuhan University of Technology in China. He plans to develop network models and optimization algorithms for a large scale multimodal freight network over an 11-province region of China, which has a population over 300 million and carries over 30 percent of the entire freight tonnage in China. The scale of the problem and the tremendous amount of data are very challenging and will advance Wang's theories in a mega-data environment. It will position Texas A&M as globally competitive in this research area.

Le Xie Associate Professor Electrical and Computer Engineering	7	Fall 2017- Spring 2018	Dr. Xie's leave will take place at the Simons Institute for the Theory of Computing at the University of California, Berkeley. This institute has started a program on "real-time decision making" to be held during the 2017-2018 academic year. Dr. Xie was formally invited to participate in this program and provide substantial intellectual interactions from the field of electric energy systems with the general theory of computing and optimization. This will strategically position Dr. Xie's research group and the department, as well as Texas A&M, with the top intellectual leaders in this area. The resulting collaboration with other leading scientists and engineers in this period will have a strong impact on building Texas A&M as a world-class engineering and higher education institution.
Zixiang Xiong Professor Electrical and Computer Engineering	17	Fall 2017- Spring 2018	Dr. Xiong's leave will take place at Monash University in Melbourne, Australia. Dr. Xiong will be fully immersed in research on coding for multi-terminal communication systems. His collaborator is Dr. Viterbo whose pioneering work on coding theory will help advance his research. Their collaborations will generate new course material and promote the reputation of the department, college, and Texas A&M. This research will also lead to new algorithms and designs for network communications as well as new publications and joint research proposals.
Qi Ying Associate Professor Civil Engineering	9	Fall 2017- Spring 2018	Dr. Ying's leave will take place with Professor Shuxiao Wang at Tsinghua University, China, to investigate the formation and regional transport of airborne particulate matter during high pollution events using monitoring and emission data from Professor Wang's group. He will also collaborate with Dr. Xin Yang at Fudan University, China, to improve model representations of organic compounds in airborne particulate matter. He will work with both to prepare a textbook for a graduate-level air quality modeling class. His leave will enhance his research, strengthen academic course content and build the international reputation for Texas A&M, the college and the department.

COLLEGE OF GEOSCIENCES			
Wilford Gardner Professor Oceanography	31	Fall 2017	Dr. Gardner's leave will take place in New England to facilitate collaboration with colleagues at the National Centers for Environmental Information at Columbia University and the University of Maine. Dr. Gardner will work on synthesizing oceanographic data that he and others have collected over the last four decades. He will use this data to produce the first global map of particle concentrations in bottom waters, relating their distribution to physical processes resuspending sediment. The map will identify areas of potentially anomalous sediment-water biogeochemical processes. This unique global synthesis highlights research accomplishments in the department, college, and university. Undergraduate and graduate students will be involved in high-impact, inquiry-based learning opportunities utilizing the results.
Mary Jo Richardson Professor Oceanography	26	Fall 2017	Dr. Richardson's leave will take place in New England to facilitate collaboration with colleagues at the National Centers for Environmental Information at Columbia University and the University of Maine. Dr. Richardson will analyze oceanographic data that she and others have collected over the last four decades. She will use this data to elucidate global changes in particles in the ocean related to biogeochemical processes on decadal time scales. This unique global synthesis with international programs enhances the research accomplishments in the department, college and Texas A&M. Undergraduate and graduate students will be involved in high-impact, inquiry-based learning opportunities involving the research done during this faculty development leave.
Yuefeng Sun Professor Geology and Geophysics	10	Fall 2017- Spring 2018	Dr. Sun's leave will take place at the Institute of Electromagnetics and Acoustics at Xiamen University in Xiamen, China. Taking advantage of the computational and laboratory facilities of the institute, Dr. Sun will conduct research with faculty on acoustic and seismic wave propagation in fractured porous media and biogeophysics. The work will expand his carbonate geophysics program, help initiate new research in biogeophysics, enrich his classroom teaching and student advising, and strengthen Texas A&M's international standing on carbonate reservoir research.

COLLEGE OF LIBERAL ARTS			
Carlos Blanton Professor History	15	Fall 2017	Dr. Blanton's leave will take place in College Station, Texas. He will be finishing his monograph "Between Black and White: The Chicana/o in the American Mind" and submitting an article to a major historical journal. The book focuses on archival research and an extensive database of published works spanning two centuries. The book and journal will benefit Texas A&M by pioneering a new intellectual genealogy of race in this nation that also enriches the research of Texas A&M undergraduate students.
Alex Brown Associate Professor Economics	8	Fall 2017- Spring 2018	Dr. Brown's leave will take place at the Consumer Financial Protection Bureau and the California Institute of Technology (Caltech). While at the Consumer Financial Protection Bureau, he will obtain data to test the predictions of his model of motivation when applied to debt-repayment. At Caltech, he will survey the nearly 50,000 articles of loss-aversion with his coauthor. These visits will lead to two high-quality publications which will benefit Texas A&M by increasing the prestige of the department and university. Both factors will also enhance Dr. Brown's understanding of behavioral financial economics, directly benefiting his students. The long-term impact of the visits will improve our understanding of debt and other financial problems, benefitting those in the university community who require help with such problems.
Patrick Burkart Professor Communications	13	Fall 2017	Dr. Burkart's leave takes place in College Station, Texas. He will be preparing a book manuscript provisionally entitled "Hacking for Power." The project builds on media law and policy research from "Pirate Politics: The New Information Policy Contests" (Massachusetts Institute of Technology Press, 2014). New case studies and updated research on computer hacking, cybersecurity and cyberwarfare, and corporate surveillance will be developed. This will benefit Texas A&M by creating new courses, classroom lectures, workshops, and research assignments and providing another distinguished University Press title as evidence of scholarly excellence in the College of Liberal Arts and the Department of Communication, highlighting communication law and policy at Texas A&M University.

Kevin Crisman Professor Anthropology	26	Fall 2017	Dr. Crisman's leave takes place in Vermont and the northeastern United States. He will be preparing a contributed-chapter book on the archaeology of early American steamboats (1807 – c. 1850). Featuring results from over a dozen shipwreck excavations, the volume will examine the revolutions in steam technology and boatbuilding that profoundly changed the North American navigation, commerce, industry, and culture. Eleven of the book's fourteen chapters will be based on data derived from Texas A&M faculty- and student- led research projects. The book will benefit Texas A&M by further enhancing the university's reputation as a leader in the field of nautical archaeology.
Marian Eide Associate Professor English	20	Fall 2017	Dr. Eide's leave will take place in New York City and New Zealand where she will pursue research on single women in literature, 1885 – 1945. She recently submitted a book manuscript and served as Women's and Gender Studies Director. Archives from Austin, Texas; Wellington, New Zealand; and New York City, New York, contain papers of crucial modernist writers and publishers. Her writing on women's changing life choices will appear at conferences in the coming year, articles next year and, ultimately, as a book to be published by a major university press. The research will benefit Dr. Eide's teaching, integrating archival materials in undergraduate and graduate courses.
Ted Goebel Professor Anthropology	11	Fall 2017	Dr. Goebel's leave takes place in College Station, Texas, and Salt Lake City, Utah. He will be completing a book detailing his team's archaeological excavations at Bonneville Estates in Rockshelter, Nevada. Bonneville Estates is an important Paleoindian site, one of few places in the American West where archaeologists have found evidence of human adaptation to major environmental change at the end of the Ice Age, 14,000-6,000 years ago. The project will benefit Dr. Goebel by allowing him the opportunity to complete the project's final report and his four graduate students who will coauthor specific chapters. Benefits from the book will include opportunities for students to participate in publishing and an increase in understanding environmental change.

Patrick Goldsmith Associate Professor Sociology	4	Fall 2017	Dr. Goldsmith's leave takes place in College Station, Texas. The proposed research project examines the relationship between racial segregation (in schools and neighborhoods) and the black-white and Latino-white achievement gaps. The project utilizes the new Stanford Educational Data Archive which includes information on these gaps in all United States school districts. The researcher will link these data to other national data sets and analyze them with instrumental variables. The research will be published in prestigious journals, used by policy makers and the courts to combat the pernicious consequences of segregation, and benefit Texas A&M by incorporating the knowledge from the project into graduate classes.
Thomas Green Associate Professor Anthropology	38	Fall 2017	Dr. Green's leave takes place in China and College Station, Texas. While in China, he will conduct research with Professor Zhang Guodong on village martial arts as a bonding mechanism that reduces impacts of urbanization among traditionally rural populations. Dr. Green will serve as visiting professor at the Center for Ethnic Minorities (Southwest University) fulfilling obligations established in a Memorandum of Understanding with the College of Liberal Arts., He will investigate potential sites for Texas A&M study abroad and field school programs which will overall benefit Texas A&M. After returning to College Station, he will draft a monograph on the collaborative research and initiate the process of establishing study abroad programs.
Evan Haefeli Associate Professor History	2	Fall 2017- Spring 2018	Dr. Haefeli's leave takes place at the Huntington research library in Los Angeles, California. He will be writing his book, "Religious Toleration in John Locke's Empire, 1660-1714." By the end of the leave he will have a manuscript that can be submitted to a press for publication. The book will benefit Texas A&M by enhancing the international visibility of Texas A&M's History Department for advanced scholarship. It will reinforce the department's already strong reputation as a place to study the histories of early America, the British Empire, and religious history, strengthening Texas A&M's appeal as a place for undergraduate instruction and graduate study.
William McIntosh Professor Sociology	41	Fall 2017	Dr. McIntosh's leave takes place at Texas A&M in College Station, Texas, and the Division of Nutrition at Cornell University in Ithaca, New York. He will devote the bulk of his time producing a book manuscript on how family members utilize their time and its effect on family members' nutritional health. He will also collaborate with colleagues at Cornell University in a study of the globalization of obesity. The resulting book and journal articles will benefit Texas A&M by increased recognition of the importance of family nutrition and the faculty involved in designing nutrition and wellness courses.

David McWhirter Professor English	24	Fall 2017- Spring 2018	Dr. McWhirter's leave takes place in College Station, Texas. He will be writing a book-length critical study of Mississippi fiction-writer Eudora Welty (1909-2001). The book will challenge long-held assumptions about Welty's regionalism, southern literary modernism, and the early twentieth-century United States South itself. Dr. McWhirter's book will enhance his international reputation in modernist and southern studies and heighten the visibility of humanities research at Texas A&M. His project will directly benefit undergraduate classes in southern literature as well as the numerous graduate students he supervises.
Mary Meagher Professor Psychology	22	Spring 2018	Dr. Meagher's leave takes place in College Station, Texas. She will devote her development leave to advancing her research program examining how adversity exacerbates pain. She will visit three prominent researchers to develop new research collaborations, write a high-impact review article, learn new research methods, and give invited presentations on this topic. While in College Station, she will conduct a collaborative study to examine the mechanisms underlying the increase in chronic pain following sexual assault. This leave will benefit Texas A&M by enhancing the visibility, scientific impact, and clinical significance of her research program, facilitate training and placement opportunities for her students, and enhance the reputation of Texas A&M.
Stephen Miller Professor Hispanic Studies	32	Spring 2018	Dr. Miller's leave takes place in College Station, Texas. He will complete the book Hinojosa's "Klail City Death Trip: A Tejano American Story/Narrative in Spanish, Code Switching and English." The book capstones the career-long attempt of its author to integrate Anglo-American and Hispano-American culture in Texas and beyond. It benefits and impacts students, teaching and the wider statewide community by making more comprehensible and attractive the realities and fruits of demographic and cultural change in Texas. This benefits Texas A&M by helping correct the false, but still active, perception that Texas A&M is less than open and friendly to demographic and cultural diversity.
Kathi Miner Associate Professor Psychology	8	Fall 2017	Dr. Miner's leave takes place in College Station, Texas. She will be writing journal articles based on data collected from projects funded by the National Science Foundation Advance IT program, which is aimed at increasing the participation of women in Science, Technology, Engineering and Mathematics (STEM) fields. This leave benefits Dr. Miner's research as these publications will broaden her expertise on how experiences of subtle interpersonal discrimination affect women in STEM. Her graduate students will develop their research skills by actively contributing to the analyses and writing of the articles. The articles will also benefit Texas A&M's reputation as a leader in a gender-equity research.

Anne Morey Associate Professor English	15	Fall 2017- Spring 2018	Dr. Morey's leave takes place in College Station, Texas. She will complete her book-in-progress on the Junior Literary Guild (JLG), the largest children's book club of the mid-twentieth century. The book explores the JLG as an institution, situating it within the social concerns of the afterglow of the Progressive Era – in particular, gender, race/ethnicity, and the effort to fit children for a technocratic future – all issues that remain relevant today. Scholars have overlooked the JLG, and Dr. Morey's book will make valuable contributions to the current discussion of child citizenship. Completing this research will benefit Texas A&M by expanding Dr. Morey's graduate and undergraduate teaching repertoire.
Edward Murguia Professor Sociology	24	Fall 2017	Dr. Murguia's leave takes place at Texas A&M in College Station, Texas. He will be working on two projects. The first project is a study of prejudice and discrimination experienced by Latinos and African Americans beyond their dark skin color to include speech and dress. The second project is based on the shooting of Trayvon Martin, an African American youth wearing a dark "hoodie," possibly killed because his hoodie signaled threat. It will lead to new and valuable insights. It promises to benefit Texas A&M students in seminars and classes in race relations. Expected publications would solidify the department's ranking as among the Top 5 in race relations in the United States.
Claudia Nelson Professor English	12	Fall 2017- Spring 2018	Dr. Nelson's leave takes place in Santa Fe, New Mexico. She will be writing three chapters (and editing others) of a coauthored book analyzing spatial metaphors in children's texts that are set in the ancient world and/or employ classical Greek/Roman material. The project argues that particular ways of imagining the past teach readers particular ways of navigating the present. Examining how authors represent time as space fills a gap in current cognitive-narratology research. The book will enrich Dr. Nelson's teaching and benefit Texas A&M by enhancing the visibility of Texas A&M's research in children's literature, a field in which many members of the public feel interest.

Clare Palmer Professor Philosophy and Humanities	6	Spring 2018	Dr. Palmer's leave takes place in College Station, Texas, with a visit to the University of Montana in Missoula, Montana. She will complete her book "Wild Animals, Ethics and Climate Change." In visiting the University of Montana, she will work with an interdisciplinary team on climate-threatened mountain species and Auckland Zoo to consult with scientists developing a species sanctuary at Rotorua Island. This project develops the Philosophy Department's research strength in applied ethics and generates cutting-edge case studies for Philosophy 314: Environmental Ethics. It also involves creating an international interdisciplinary research network on conservation, biotechnology and ethics, and benefits Texas A&M by bringing together graduate and faculty researchers and leading to an application for National Science Foundation funding.
Arthur Sakamoto Professor Sociology	3	Fall 2017	Dr. Sakamoto's leave will be spent in College Station, Texas. Dr. Sakamoto will prepare a grant proposal to be submitted to the National Science Foundation. He will investigate restricted administrative data from the Texas Research Data Center that is located at Texas A&M. This data will provide detailed information about firms and are more informative than data in the public domain which are limited to industries. The statistical analysis will investigate productivity and wage differentials focusing on whether low-wage workers are underpaid relative to their net economic contributions to firm revenues. The findings will have important implications for public policy about minimum wage legislation that will potentially impact students.
Rebecca Schlegel Associate Professor Psychology	7	Fall 2017	Dr. Schlegel will spend her leave in College Station, Texas, analyzing data, writing journal articles, and submitting grants. These efforts will be part of her ongoing interdisciplinary National Science Foundation-funded research that taps into the growing "Maker" phenomenon which is a culture that leans heavily on the idea of constructivism (i.e., learning is best done through doing) and examines how the infusion of "Making" activities in elementary classrooms can spur interest in Science, Technology, Engineering and Mathematics (STEM). The proposed projects will provide training to graduate and undergraduate students, better position her for future funding, and increase the visibility of Texas A&M as a leader on issues of STEM education, engagement, and efforts to increase diversity in STEM fields.

COLLEGE OF MEDICINE			
Paul Ogden Professor Clinical Translational Medicine	5	Fall 2017	Dr. Ogden's leave will take place at Texas A&M with trips to Pennsylvania State University and Harvard University. He will work towards developing an Institute for Healthcare Delivery and Innovation, obtain sustainable funding for the institute, identify industry partners, develop Texas A&M partnerships, and participate in focused-learning from leaders in the field. The primary benefit is to use Texas A&M's strengths to solve problems with primary care, rural health care, and medically underserved communities. The impact will be for Texas A&M to become the national leader in healthcare delivery solutions, new models of care, healthcare innovation, and healthcare technology.
COLLEGE OF SCIENCE			
Goong Chen Professor Mathematics	29	Fall 2017	Dr. Chen's leave will take place mainly at Texas A&M and The Chinese Academy of Sciences in Beijing, China. Dr. Chen will work with Professor Siu A. Chin on grant applications on symplectic methods in computational mechanics. Dr. Chen will also work towards developing differential geometric methods with Professor Pengfei Yao for distributed parameter control systems governed by higher order partial differential equations modeling plates and shells. Expected benefits include new-infused research funding for graduate students and faculty, new mathematical theories for challenging control problems, the enhancement of international collaboration, and the recruiting of doctoral students.
Siu Chin Professor Physics and Astronomy	32	Fall 2017	Dr. Chin's leave will be at Texas A&M and The Chinese Academy of Sciences in Beijing, China. The main objective is to collaborate with Professor Pengfei Yao and Goong Chen on developing new methods of solving important computational physics problems related to nano-devices such as quantum dots and the generation of high intensity light pulses. A secondary objective is to write a planned book, "A Practical Guide to Symplectic Integrators." Expected benefits include possible joint publications and proposals, acquiring an international perspective on teaching to improve physics teaching at Texas A&M, and enhancing the research and publication reputation of Texas A&M internationally.

Lawrence Griffing Associate Professor Biology	30	Fall 2017	Dr. Griffing's leave will take place in College Station, Texas, for the purpose of completing the book, "Imaging Life: Theory and Practice," currently under contract to Wiley. This textbook addresses a need for an introductory text that takes a unified, single-author, accessible approach to digital image acquisition, processing, and analysis for biologists, and from field ecologists to cell biologists to biomedical engineers. The book will fundamentally strengthen these disciplines and enhance Texas A&M's leadership in quantitative biological imaging. The text accompanies an existing laboratory manual for a stacked undergraduate and honors laboratory course, part of the new bioinformatics minor in Biology.
William Johnson Distinguished Professor Mathematics	32	Fall 2017	Dr. Johnson's leave will be at the Mathematical Sciences Research Institute in Berkeley, California. He will participate in the Autumn 2017 Program on Geometric Functional Analysis and Applications. His research will examine geometric properties of high dimensional objects and normed spaces. He will study aspects of random matrix theory that recently have become relevant for his research and the research of some of his graduate students. Dr. Johnson will collaborate with other participants in the Global Fine Art Awards program and present findings at Mathematical Sciences Research Institute seminars and workshops. Texas A&M will benefit from the visibility of Dr. Johnson's work as a Distinguished Professor in the Department of Mathematics.
David Kerr Professor Mathematics	12	Fall 2017- Spring 2018	Dr. Kerr's leave will be spent at the École Normale Supérieure de Lyon in France. He plans to collaborate with Damien Gaboriau and his team in measured group theory. The leave will strengthen the standing and broaden the influence of Texas A&M in this emergent and rapidly growing area of mathematics. It will help to establish a network of contacts with a younger generation of researchers abroad that will benefit students and faculty at Texas A&M by facilitating various kinds of academic exchange.
Valery Pokrovsky Distinguished Professor Physics and Astronomy	23	Fall 2017	Dr. Pokrovsky's leave will be spent in College Station, Texas, for the purpose of completing the book, "Semiclassical and Adiabatic Approximation in Quantum Mechanics," contracted by Cambridge University Press. The book intends to present modern advances in two of the most important methods of Quantum Mechanics. It will help many researchers in physics, mathematics, chemistry and engineering involved in the study of wave processes. It gives new material for the modernization of teaching programs at Texas A&M and other system universities.

Gil Rosenthal Professor Biology	10	Fall 2017- Spring 2018	Dr. Rosenthal's leave will be spent at the University of Torino, Italy, where he will teach a graduate course and collaborate with Dr. Sergio Castellano on computational models of decision-making as applied to mate choice. The anticipated product is several scholarly publications and a collaborative grant proposal. This will provide expertise in state-of-the-art statistical and computational approaches that will benefit his research program and his graduate and undergraduate teaching. The department will benefit from stronger ties to biology colleagues in Europe, and the university will benefit from greater international visibility and stronger ties with institutions and researchers in Italy.
Thomas Schlumprecht Professor Mathematics	21	Spring 2018	Dr. Schlumprecht's leave will take place at the University of Cambridge, University of Besancon and the Technical University of Prague. He intends to work on longstanding problems concerning the structure theory of Banach spaces, connected to large data structures, in particular the study of embedding metric spaces into Banach spaces, and embedding of Banach spaces into spaces which admit certain bases. These projects will involve collaborations with Professor Petr Hajek (Technical University of Prague), Professor Gilles Lancien (University of Besançon), and Professor Andras Zsak (University of Cambridge). This research will benefit, among other things, students who are involved in research and secure future funding from the National Science Foundation.
Michael Smotherman Associate Professor Biology	12	Spring 2018	Dr. Smotherman will spend his leave at McMaster University in Ontario, Canada and at Texas A&M. The objective is to add a new research tool, multichannel array electrophysiology, to his existing research program in auditory neuroscience. Dr. Smotherman will conduct pilot studies in the lab of Dr. Paul Faure at McMaster, whose expertise in auditory physiology is of great benefit in developing a new research proposal for submission to the National Institute on Deafness and Other Communication Disorders. This collaborative project will strengthen Dr. Smotherman's research program, establish new institutional ties, create new opportunities for Texas A&M students, and facilitate a cross-fertilization of ideas.

MAYS BUSINESS SCHOOL			
Ricky Griffin Professor Management	35	Spring 2018	Dr. Griffin will spend leave at Arizona State University, North Carolina State University, and Harvard Business School. At Arizona State, Dr. Griffin will attend seminars and colloquia and interact with colleagues to identify potential areas for future research collaboration. Dr. Griffin will work directly with Dr. Bradley Kirkman at North Carolina State University on the development of a new model of the emergence of informal leadership in group and social settings. At Harvard, Dr. Griffin will gain exposure to new methods for using the case methodology in different classroom settings. Overall, this leave will enhance Texas A&M's research reputation and promote student learning.
Rogelio Oliva Professor Information and Operations Management	12	Fall 2017- Spring 2018	Dr. Oliva's leave will take place at the Massachusetts Institute of Technology where he will visit the System Dynamics Group and the Center for Transportation and Logistics. The purpose of Dr. Oliva's leave is to move forward research in service and retail operations, acquire new skills in data analytics, and teach a course to the Sloan School MBAs. The leave will allow Dr. Oliva to obtain new capabilities for conducting research and update and prepare material for graduate-level data analytics programs. This will help the department, college and university through published research and updated content and delivery for data analytics courses.
Arun Sen Professor Information and Operations Management	30	Fall 2017	Dr. Sen's leave will be a continuation of his work in assisting primary care physicians, rural critical care centers, and hospitals in the Regional Extension Center located in the central and eastern regions. This work resulted from a five-year \$7.2 million grant in 2010 from the Office of the National Coordinator in the Department of Health and Human Service. Dr. Sen will travel to the central and eastern regions of Texas to meet with healthcare providers and colleagues and continue the work with healthcare IT systems. He will also develop healthcare analytics research articles for publications and healthcare grant proposals. Dr. Sen plans to develop a healthcare analytics research program and create a healthcare analytics course in Mays Business School. This program will put Mays Business School and Texas A&M in higher ranking among other universities.

SCHOOL OF LAW			
LeHuyen Pham Professor School of Law	3	Fall 2017- Spring 2018	Dr. Pham's leave will be spent in Dallas/Fort Worth and locations around Texas interviewing beneficiaries of the Deferred Action for Childhood Arrivals Program (DACA). Under DACA, unauthorized immigrants who came to the U.S. as children may receive temporary relief from deportation and work authorization. He will study DACA beneficiaries, tracking their educational paths, health status, earning levels, and other outcomes. This data will be compared with the beneficiaries' pre-DACA experiences, as well as with information of similarly situated individuals who did not qualify for DACA. The study will help law faculty and students understand the impact of a very important immigration program.
SCHOOL OF PUBLIC HEALTH			
Hongwei Zhao Professor Epidemiology and Biostatistics	12	Spring 2018	Dr. Zhao's leave will take place at the University of Milano-Bicocca, Italy. Dr. Zhao will collaborate with colleagues at the Department of Statistics and Quantitative Methods and conduct research on causal inference from data collected in observational studies. Dr. Zhao will explore opportunities to promote and strengthen scientific and academic cooperation between the two institutions. The leave will enhance Dr. Zhao's research program, promote the exchange of ideas, and establish institutional ties with the department and school visited. Texas A&M will benefit by increased international visibility, the addition of excellent graduate students, and an improved quality of research and teaching program.
TEXAS A&M UNIVERSITY AT GALVESTON			
Rainer Amon Professor Marine Science	33	Fall 2017	Dr. Amon will travel to the Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE), Mexico, and the Sukachev Institute in Russia. This leave will build upon Dr. Amon's previous work with these institutions which previously led to a project funded by the Mexican Government for research in the Gulf of Mexico (GOM). Collaborations in Siberia led to funding by the U.S. and Russia on carbon fluxes in the Siberian Taiga and Tundra. His goal is to increase funding in both areas and develop agreements between Texas A&M and the foreign institutions that might result in joint degree programs and research. Dr. Amon's efforts will increase the reputation of Texas A&M through high-impact research and education in the GOM and in Siberian watersheds. Dr. Amon's leave will lead to new international alliances for Texas A&M.

Anna Armitage-Chan Associate Professor Marine Biology	10	Fall 2017	Dr. Armitage-Chan will spend leave in the United States and United Kingdom by completing laboratory and web-based geographical information system (GIS) courses offered by several premier training institutes. This knowledge will augment Dr. Armitage's collaborations with colleagues at Texas A&M and other universities and enhance her capacity to synthesize existing datasets on wetland restoration into high-impact publications. Dr. Armitage will use these tools to develop a GIS lab that will be integrated into senior-level ecology courses, training students in this highly marketable skill. These research and teaching benefits will further highlight Texas A&M University at Galveston as a leader in interdisciplinary coastal wetland science.
Eunjeong Yi Professor Liberal Studies	10	Fall 2017	Dr. Yi intends to spend her leave at Minnesota State University Moorhead and University of Wisconsin Oshkosh to work with her collaborators on topics in discrete math and theoretical computer science. The research collaborations will lead to publications in refereed journals, and her conference presentations will help enhance the profile of TAMUG. Exposing students to potential research projects benefits undergraduate teaching since these research-oriented opportunities serve to engage students in active learning. The leave will be beneficial to her research program and to the visibility of the department, the college and the university.
UNIVERSITY LIBRARIES			
Wendi Kaspar Professor University Libraries	20	Fall 2017	Dr. Kaspar will take leave in College Station, Texas, to complete a book on evolving models of peer review. The project, approved by the American Library Association, will result in a published collection with chapters by Dr. Kaspar, invited scholars and from reviewed submissions. Peer review is considered the "gold standard" in published research. To maintain quality and impact in the emerging scholarly and open access environment, it is critical to identify best practices and innovative models, benefiting scholars and students, shaping scholarship across disciplines and modeling values in librarianship.

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Ray M. Keck, III, Ph.D., President
Texas A&M University-Commerce

Subject: Naming of the Hall of Languages

Proposed Board Action:

Name the Hall of Languages the “David A. Talbot Hall of Languages.”

Background Information:

In accordance with System Policy [*51.06, Naming of Buildings and Other Entities*](#), “It shall be the policy of the Board of Regents (board) of The Texas A&M University System (system) to honor or memorialize individuals who have made significant contributions to the system by naming buildings, definable portions of buildings, geographical areas or academic entities for such individuals.”

This recommendation is made per the attached memo from President Ray M. Keck, III.

A&M System Funding or Other Financial Implications:

Not applicable.

Agenda Item No.

TEXAS A&M UNIVERSITY-COMMERCE

Office of the President

November 29, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Naming of the Hall of Languages

I recommend adoption of the following minute order:

**“The Board of Regents of The Texas A&M University System hereby
names the Hall of Languages the ‘David A. Talbot Hall of Languages.’”**

Respectfully submitted,

Ray M. Keck, III, Ph.D.
President

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer



November 29, 2016

MEMORANDUM

TO: Ms. Vickie Burt Spillers
Executive Director, Board of Regents

SUBJECT: Naming of the Hall of Languages

The late Dr. David A. Talbot was the first African-American Professor and the first African-American Professor Emeritus of East Texas State University (now Texas A&M University-Commerce). Born January 23, 1917 in Guyana, South America, Talbot came to the United States at the age of 18 for a long educational journey that eventually brought him to A&M-Commerce. He earned a Bachelor of Arts from Morris Brown College in 1939, a Master of Arts from Columbia University in 1942, and was awarded a Doctor of Education from the University of Arkansas in 1966.

Talbot joined the A&M-Commerce faculty in the fall of 1968, producing several publications and delivering multiple presentations. During his tenure, he served the University as Special Assistant to the President for Affirmative Action, as a Professor in the Department of Counseling and Guidance, and as Director of the Counseling Center. He also planned, organized, and directed both a Multi-Cultural Teacher Training Institute (1969) and an Inter-Cultural Living Experience on the A&M-Commerce campus (1975-1980). He retired after 18 years of service at A&M-Commerce as one of the most highly respected people on campus; he commanded this respect because of his knowledge of the key issues of any given situation and the unusual sensitivity he displayed as a matter of course. He was a beloved mentor to hundreds of students, faculty and staff. He was known for his untiring efforts to bring about justice and fairness for everyone and it has been said that he did more to bring about cultural understanding than any single individual in the history of the university. In 1995, he received the Spirit of Mayo award from the university. This award is given to individuals who exemplify the principles of our founder, William Leonidas Mayo of "Ceaseless Industry, Fearless Investigation, Unfettered Thought, and Unselfish Service to Others."

The Department of Literature & Languages, currently located in the Hall of Languages, the College of Humanities, Social Sciences & Arts, and the A&M-Commerce administration are in agreement that changing the name of the Hall of Languages to the David A. Talbot Hall of Languages is a commendable gesture honoring the first African-American faculty member at A&M-Commerce. The naming comes at an appropriate time as the University is about to hire the Director of the newly-instituted African-American Studies program, which continues the work started by Dr. Talbot.

Ray M. Keck, III

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Flavius C. Killebrew, President/CEO
Texas A&M University-Corpus Christi

Subject: Authorization to Establish a Quasi-Endowment Entitled the “Mary Hill Peer Educator Endowed Scholarship”

Proposed Board Actions:

Authorize the President of Texas A&M University-Corpus Christi (A&M-Corpus Christi) to establish a quasi-endowment account entitled the “Mary Hill Peer Educator Endowed Scholarship.”

Background Information:

Authority is requested to establish a new quasi-endowment with a transfer of funds from an existing A&M-Corpus Christi account that includes student sanction course fines and gift funds designated for this purpose. Earnings from this \$20,000 quasi-endowment will be used to honor Mary Hill by assisting exceptional and deserving students participating in the Peer Educator Program administered by the A&M-Corpus Christi Drug and Alcohol Abuse Prevention Program. Awardees must be enrolled full-time, have a minimum 2.5 grade point average, currently serve as a campus peer educator, and have been awarded the “Peer” award which is determined by the university’s Drug and Alcohol Abuse Prevention Program. It is the ultimate intent that the funds from the Mary Hill Peer Educator Endowed Scholarship always be used for drug and alcohol abuse prevention programming.

A&M System Funding or Other Financial Implications:

Earnings from this quasi-endowment will be used to provide a scholarship award to a deserving student participating in the Peer Educator Program as outlined above. No distribution of the scholarship funds shall be made until one year has passed from the date of fulfillment of the pledge in order to allow earnings to accumulate in anticipation of making the scholarship awards. The university may accept additional gifts to this endowment.

Agenda Item No.

TEXAS A&M UNIVERSITY-CORPUS CHRISTI

Office of the President

November 30, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Authorization to Establish a Quasi-Endowment Entitled the “Mary Hill Peer Educator Endowed Scholarship”

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System authorizes the President of Texas A&M University-Corpus Christi to establish a quasi-endowment entitled the ‘Mary Hill Peer Educator Endowed Scholarship.’ The account will be originally funded by a transfer from an existing Texas A&M University-Corpus Christi account that includes student sanction course fines and gift funds designated for this purpose. Earnings from the newly created quasi-endowment will assist exceptional and deserving students participating in the Peer Educator Program administered by the university’s Drug and Alcohol Abuse Prevention Program.”

Respectfully submitted,

Flavius C. Killebrew
President/CEO

Approval Recommended:

John Sharp
Chancellor

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

Maria L. Robinson
Treasurer

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Steven H. Tallant, President
Texas A&M University-Kingsville

Subject: Granting of Faculty Development Leave for FY 2018,
Texas A&M University-Kingsville

Proposed Board Action:

Authorize faculty development leave for FY 2018 at Texas A&M University-Kingsville (Texas A&M-Kingsville).

Background Information:

System Policy [31.03, Leaves of Absence](#), and System Regulation [12.99.01, Faculty Development Leave](#), require that a recommendation for faculty development leave be submitted by the university president to the chancellor for recommendation to the Board of Regents for approval. At Texas A&M-Kingsville, the application is submitted with support of the academic department, college dean, university development leave committee (elected by the general faculty), provost and vice president for academic affairs and president.

As shown in the exhibit, Texas A&M-Kingsville requests approval for faculty development leave for one faculty member for FY 2018.

Texas A&M-Kingsville is in compliance with the statutory requirement that no more than six percent of eligible faculty be on development leave at any time.

A&M System Funding or Other Financial Implications:

No additional funding is required. Department faculty members are assuming the recommended faculty members' teaching loads by adjusting course offerings the next academic year.

Agenda Item No.

TEXAS A&M UNIVERSITY-KINGSVILLE

Office of the President

November 15, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Granting of Faculty Development Leave for FY 2018,
Texas A&M University-Kingsville

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System, in accordance with System Policy 31.03, System Regulation 12.99.01 and Sections 51.101-108 of the Texas Education Code, authorizes faculty development leave to the faculty member as shown in the attached exhibit, Faculty Development Leave List FY 2018, Texas A&M University-Kingsville.”

Respectfully submitted,

Steven H. Tallant
President

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

**FACULTY DEVELOPMENT LEAVE LIST
FY 2018
TEXAS A&M UNIVERSITY-KINGSVILLE**

Name/ Title/ Department	Years of – TAMU-K Tenured, Tenure- Track Service	Semester of Leave	Location and Brief Description of Leave
COLLEGE OF ARTS AND SCIENCES			
Nirmal Goswami Professor History, Political Science, and Philosophy	26	Fall 2017	Leave will be spent serving as a Visiting Scholar at the Centre for Sustainability (CFS), University of Otago, New Zealand where he will work on a research project: “generation and application of development policies for sustainable community management at the local area” with CFS Director Dr. Janet Stephenson for publication. Additionally, Dr. Goswami plans to work on expanding Texas A&M-Kingsville’s existing Pacific Studies program into a Global Studies program which will build more study-abroad experiences for students as well as aid in the recruitment of students to the Texas A&M-Kingsville Honors College global experience.

AGENDA ITEM BRIEFING

Submitted by: Cynthia Teniente-Matson, President/CEO
Texas A&M University-San Antonio

Subject: Approval of a New Bachelor of Applied Arts and Sciences Degree Program with a Major in Water Resources Science and Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Proposed Board Action:

Approve the establishment of a new degree program at Texas A&M University-San Antonio (A&M-San Antonio) leading to a Bachelor of Applied Arts and Sciences (B.A.A.S.) in Water Resources Science and Technology, authorize the submission of this degree program to the Texas Higher Education Coordinating Board (THECB) for approval and certify that all applicable THECB criteria have been met.

Background Information:

The development of a B.A.A.S. degree in Water Resources Science and Technology is essential for A&M-San Antonio. The university established the Institute for Water Resources Science and Technology in November 2015 with support from The Texas A&M University System (A&M System). With planning assistance from the A&M System agencies and local business and industry, A&M-San Antonio will create a strategic plan for fostering an environment for creative and scholarly work that contributes to local workforce diversity and needs, and promotes A&M-San Antonio's research agenda and multiple institutional goals.

Northwest Vista College (NVC), a community college in the Alamo Community College District, offers an Associate in Applied Science degree in Water Resources Science and the Texas A&M Engineering Extension Service (TEEX) offers training and certifications in water and wastewater management. This proposal is for a 2+2 B.A.A.S. degree with the first two years of academic work completed at NVC and the last two years at A&M-San Antonio. Further, a competency-based education program will be developed for water industry workers who have relevant industry experience and certifications through TEEX to earn credits for select courses.

A&M System Funding or Other Financial Implications:

The proposed degree program will require two additional full-time tenured or tenure track faculty lines for implementation, and an additional .50 FTE will also be re-allocated to the program. Revenue from tuition and formula funding for years three through five will provide sufficient funds to support the program.

Agenda Item No.

TEXAS A&M UNIVERSITY-SAN ANTONIO

Office of the President

November 4, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of a New Bachelor of Applied Arts and Sciences Degree Program with a Major in Water Resources Science and Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-San Antonio leading to a Bachelor of Applied Arts and Sciences in Water Resources Science and Technology.

The Board also authorizes submission of Texas A&M University-San Antonio’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.”

Respectfully submitted,

Cynthia Teniente-Matson
President/CEO

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Texas A&M University-San Antonio

Bachelor of Applied Arts and Sciences
with a major in Water Resources Science and Technology
(CIP 40.0605.00)

Program Review Outline

BACKGROUND & PROGRAM DESCRIPTION

Administrative Unit: College of Arts and Sciences; Department of Science and Mathematics.

The development of an outstanding educational program in water resources science is essential for Texas A&M University-San Antonio (A&M-San Antonio). The university established the Institute for Water Resources Science and Technology in November 2015 with support from The Texas A&M University System. With planning assistance from The Texas A&M University System agencies and local business and industry, A&M-San Antonio will create a strategic plan for fostering an environment for creative and scholarly work that contributes to local workforce diversity and needs, and promotes A&M-San Antonio's research agenda and multiple institutional goals.

The university will partner with Northwest Vista College (NVC), a community college in the Alamo Community College District, to offer a Bachelor of Applied Arts and Science (B.A.A.S.) in Water Resources Science and Technology through a 2+2 arrangement. NVC offers an Associate in Applied Science (A.A.S.) degree in Water Resources Science, and students in this program will complete a B.A.A.S. by completing the final two years at A&M-San Antonio.

The Texas A&M Engineering Extension Service (TEEX) also offers training and certifications in water and wastewater management. In fiscal year 2015 nearly 8,000 students participated in TEEX water-related short-courses. Industry workers who have completed certifications and/or training by TEEX, and have appropriate industry experience, will be able to earn competency based credits at NVC and A&M-San Antonio toward the proposed degree.

To provide wide access to the proposed 2+2 program statewide and to meet the needs of working students, all courses that are not laboratory based or experiential learning-based will be developed for online delivery in a three-year timeframe. Further, a competency-based education program will be developed for water industry workers who have relevant industry experience and certifications to earn credits for select courses.

The proposed implementation date is fall 2018.

A&M-San Antonio certifies that the proposed new degree program meets the criteria under 19 Texas Administrative Code, Section 5.45 in regards to need, quality, financial and faculty resources, standards and costs. New costs during the first five years will not exceed \$2 million.

I. NEED

A. Employment Opportunities

Information collected from the Standardized Occupational Components for Research and Analysis of Trends in Employment System database maintained by the Labor Market and Career Development Department of the Texas Workforce Commission projects a 19.5% to 33.3% growth between 2012 and 2022 for water resource science occupations in the Alamo Region. In addition, water job growth in the San Antonio region outpaces growth in Texas and the nation taken as a whole.

B. Projected Enrollment

A significant number of students attending A&M-San Antonio are from social-cultural backgrounds that are historically underrepresented in the sciences. For example, nearly 70% of students attending A&M-San Antonio are Hispanic. Since A&M-San Antonio is committed to serving the mostly Hispanic students of South Texas, the key theme of the proposed degree will be to provide students with valuable experiential training in local water industry as part of their university experience. Thus, A&M-San Antonio will serve a local and regional need.

Currently, there are 38 students in NVC's Water Resources Science program whose career prospects would improve if they obtained a bachelor's degree. Current water resources program faculty at NVC expect additional interest by students to take this B.A.A.S. pathway once it becomes available and is widely publicized. They estimate the number of students in their program to more than double in a few years. A joint marketing of the 2+2 degree with NVC and TEEX as partners will be the primary means of recruiting students to this program. It will improve enrollment and graduation rates in the A.A.S. program at NVC, thus, providing robust enrollment in the B.A.A.S. program at A&M-San Antonio.

Projected Enrollment

	Year 1	Year 2	Year 3	Year 4	Year 5
Students Returning from Previous Year	0	13	31	66	116
New Students	14	20	40	60	80
Freshmen	0	0	0	0	0
Transfer	14	20	40	60	80
Total Students	14	33	71	126	196

C. Existing State Programs

While courses of study at several other universities in Texas may include some aspects of water science, there are only four existing programs categorized in water resources science and technology at the bachelor's level. These programs include only about 150 students yearly and graduate only about 50, but many of the enrollees and graduates classified actually concentrate in the area of marine sciences or aquatic systems biology and, thus, are not a good fit for positions in the water industry.

	Associate Degree/Certificate					Bachelor's Degree				
	School Year					School Year				
	2013-14	2012-13	2011-12	2010-11	2009-10	2013-14	2012-13	2011-12	2010-11	2009-10
Key Water CIP Categories										
Water Quality and Wastewater Treatment Management	16	16	10	13	33	--	--	--	--	--
Water, Wetlands, and Marine Resources Management	--	--	--	--	--	148	137	121	118	96
Hydrology and Water Resources Science	2	0	1	0	0	11	15	21	33	31
Totals	18	16	11	13	33	159	152	142	151	127

II. QUALITY & RESOURCES

A. Faculty

Two additional full-time faculty will be hired to support this program. Faculty members will be required to have a doctorate in water resources engineering or water resources management. An additional faculty position (0.50 FTE) will be reallocated to the program.

B. Program Administration

This program will be located within the Department of Science and Mathematics within the College of Arts and Sciences. No additional administrative structures will be created.

C. Other Personnel

No other personnel will be required to support the program.

D. Supplies, Materials

A few courses will include a lab component which will incur some expense. An annual cost of \$500 is estimated for supplies and materials;

E. Library

The University Library offers approximately 111 databases covering all disciplines and degree programs offered by A&M-San Antonio, which provide access to over 2,000,000 electronic books, 89,000 electronic journals, and roughly 12,000 print volumes. These resources include roughly 224 books/e-books (published from 1990 to present) and over 120 e-journals related to the environmental sciences and hydrology. Of the databases offered, several are appropriate for the proposed degree program including ScienceDirect, Science and Technology Collection, Academic Search Complete, Environment Complete, GreenFile, and Agicola.

Additional databases and journal titles may need to be purchased to meet the research needs of students and faculty including Environmental Sciences and Pollution Management and GeoRef. The estimated cost to subscribe to the databases listed is \$13,000 per year. Funds for one-time purchases (i.e., books, e-books, and media) are also necessary to ensure our collection contains current and pertinent resources for research in the area of water resources. It is anticipated approximately \$6,000 will be

needed initially to build the collection and \$3,000 per year after that dedicated to the library's information resources budget to purchase new titles relevant to this degree plan.

F. Equipment, Facilities

The university will partner with TEEX to provide special laboratory experiences through their mobile industrial water training platforms. Rental for the mobile platforms will be \$3,000 per year. Other student instructional facilities, including shared classrooms with networked computers, are already in place.

G. Accreditation

No accreditation is required for this program.

III. NEW 5-YEAR COSTS & FUNDING SOURCES

Five-Year Costs		Five-Year Funding	
Personnel		Reallocated Funds	\$0
Faculty	\$1,032,500		
Administration	\$0		
Graduate Assistants	\$0		
Clerical/Staff	\$0		
Other Personnel	\$0		
Facilities	\$0	Statutory Tuition	\$393,600
Equipment	\$15,000	Designated Tuition	\$732,647
IT Resources	\$15,000	Graduate Tuition Above Statutory (\$50) Tuition	\$0
Supplies and Materials	\$2,500	Course Fees	\$0
Library	\$83,000	Anticipated New Formula Funding	\$215,210
Other:	\$0	Special Item Funding	\$0
Total Costs	\$1,148,000	Total Funding	\$1,341,457

AGENDA ITEM BRIEFING

Submitted by: Cynthia Teniente-Matson, President/CEO
Texas A&M University-San Antonio

Subject: Approval of a New Master of Science Degree Program with a Major in Water Resources Science and Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Proposed Board Action:

Approve the establishment of a new degree program at Texas A&M University-San Antonio (A&M-San Antonio) leading to a Master of Science (M.S.) in Water Resources Science and Technology, authorize the submission of this degree program to the Texas Higher Education Coordinating Board (THECB) for approval and certify that all applicable THECB criteria have been met.

Background Information:

In November 2015, with the support of The Texas A&M University System, Texas A&M University-San Antonio (A&M-San Antonio) established the Institute for Water Resources Science and Technology. With planning assistance from The Texas A&M University System agencies and local business and industry, A&M-San Antonio will create a strategic plan for fostering an environment for creative and scholarly work that contributes to local workforce diversity and needs, and promotes A&M-San Antonio's research agenda and multiple institutional goals.

Based on this foundation, A&M-San Antonio proposes to establish an M.S. in Water Resources Science and Technology. The proposed degree will help meet the supervisory staffing needs of the water industry in the state as well as increase the workforce in an area in which there is a looming shortage. The degree will also strengthen the ability of faculty to successfully compete for external funding as the university is located in a city that frequently encounters water scarcity and also has a national reputation for water conservation. Such a program will enhance the ability of A&M-San Antonio to recruit and retain talented faculty, while simultaneously strengthening undergraduate research opportunities and bringing national as well as international recognition to A&M-San Antonio.

This degree program will help launch efforts by A&M-San Antonio in areas of research and outreach, as well as support A&M-San Antonio's membership in the National Science Foundation-funded South Texas sustainability project, the Research Coordination Network for Climate, Energy, Environment and Engagement in Semiarid Regions.

A&M System Funding or Other Financial Implications:

The proposed degree program will require two additional full-time faculty lines for implementation. Revenue from tuition and formula funding for years three through five will provide sufficient funds to support the program. This academic program, and associated institute, will provide opportunities for the university to pursue extramural funding to support research and outreach in this area.

Agenda Item No.

TEXAS A&M UNIVERSITY-SAN ANTONIO

Office of the President

November 4, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of a New Master of Science Degree Program with a Major in Water Resources Science and Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-San Antonio leading to a Master of Science in Water Resources Science and Technology.

The Board also authorizes submission of Texas A&M University-San Antonio’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.”

Respectfully submitted,

Cynthia Teniente-Matson
President/CEO

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Texas A&M University-San Antonio

Master of Science
with a major in Water Resources Science and Technology
(CIP 40.0605.00)

Program Review Outline

BACKGROUND & PROGRAM DESCRIPTION

Administrative Unit: College of Arts and Sciences; Department of Science and Mathematics.

The development of a Master of Science (M.S.) degree program in Water Resources Science and Technology (WateRST), including an active and extramurally funded research program, is essential for Texas A&M University-San Antonio (A&M-San Antonio). The university established the Institute for Water Resources Science and Technology in November 2015 with support from The Texas A&M University System. Its mission is to conduct sponsored applied research on water technologies and systems that will enhance water security in Texas and beyond.

This degree program will help launch efforts by A&M-San Antonio in areas of research and outreach, as well as support A&M-San Antonio's membership in the National Science Foundation-funded South Texas sustainability project, the Research Coordination Network for Climate, Energy, Environment and Engagement in Semiarid Regions.

There is no suitable M.S. degree program in the state that meets the supervisory staffing needs of the water industry. There has been little publicity describing this looming workforce shortage, or planning to meet this shortage. An M.S. in WateRST at A&M-San Antonio will strengthen the ability of faculty to successfully compete for external funding as the university is located in a city that frequently encounters water scarcity and also has a national reputation for water conservation. Such a program will enhance the ability of A&M-San Antonio to recruit and retain talented faculty, while simultaneously strengthening undergraduate research opportunities and bringing national as well as international recognition to A&M-San Antonio.

The M.S. in Water Resources Science and Technology will require 36 semester credit hours of coursework; students may choose to complete a master's thesis or graduate project to complete this degree program.

The proposed implementation date is fall 2018.

A&M-San Antonio certifies that the proposed new degree program meets the criteria under 19 Texas Administrative Code, Section 5.45 in regards to need, quality, financial and faculty resources, standards and costs. New costs during the first five years will not exceed \$2 million.

I. NEED

A. Employment Opportunities

Information collected from the Standardized Occupational Components for Research and Analysis of Trends in Employment System database maintained by the Labor Market and Career Development Department of the Texas Workforce Commission projects a 19.5% to 33.3% growth between 2012 and 2022 for water resource science occupations in the Alamo Region. In addition, water job growth in the San Antonio region outpaces growth in Texas and the nation taken as a whole.

B. Projected Enrollment

Potential recruits to the program are employees in water utilities with titles such as water operator, environmental specialist, waste water engineer, water restoration specialist, and regulatory compliance manager who have a bachelor's degree in a variety of fields but cannot advance further in their careers due to the lack of a master's degree that provides additional required skills. A&M-San Antonio will serve a local and regional need.

	Year 1	Year 2	Year 3	Year 4	Year 5
Students Returning from Previous Year		5	12	18	33
New Students	6	8	12	25	30
Total Students	6	13	24	43	63

C. Existing State Programs

While courses of study at several other universities in Texas may include some training in aspects of water science, there are only two existing programs categorized in water resources science and technology at the master's level. These programs include only about 70 students yearly and graduate only about 20. Many of the enrollees and graduates actually concentrate in the area of marine sciences and other graduates with some water coursework are spread across many other majors.

	Master's Degree: Declared Majors				
	School Year				
	2013-14	2012-13	2011-12	2010-11	2009-10
<u>Key Water CIP Categories</u>					
Water Quality and Wastewater Treatment Management	--	--	--	--	--
Water, Wetlands and Marine Resources Management	33	37	34	33	32
Hydrology and Water Resources Science	42	36	32	31	30
Totals	75	73	66	64	62

II. QUALITY & RESOURCES

A. Faculty

Two additional full-time faculty will be hired to support this program. Faculty members will be required to have a doctorate in Water Resources Engineering or Water Resources Management.

B. Program Administration

This program will be located within the Department of Science and Mathematics within the College of Arts and Sciences. No additional administrative structures will be created.

C. Other Personnel

No other personnel will be required to support the program.

D. Supplies, Materials

A few courses will include a lab component which will incur some expense. An annual cost of \$500 is estimated for supplies and materials.

E. Library

The University Library offers approximately 111 databases covering all disciplines and degree programs offered by A&M-San Antonio. In addition, the library provides access to over 2,000,000 electronic books, over 89,000 electronic journals, and roughly 12,000 print volumes. These resources include roughly 224 books/e-books (published from 1990 to present) and over 120 e-journals related to the environmental sciences and hydrology. Of the databases offered, several are appropriate for the proposed WaterRST degree program including ScienceDirect, Science and Technology Collection, Academic Search Complete, Environment Complete, GreenFile, and Agicola.

Additional databases and journal titles may need to be purchased to meet the research needs of students and faculty including Environmental Sciences and Pollution Management and GeoRef. The estimated cost to subscribe to the databases listed is \$13,000 per year. Funds for one time purchases (i.e., books, e-books, and media) are also necessary to ensure our collection contains current and pertinent resources for research in the area of water resources. It is anticipated approximately \$6,000 will be needed initially to build the collection and \$3,000 per year after that dedicated to the library's information resources budget to purchase new titles relevant to this degree plan.

F. Equipment, Facilities

The university will partner with the Texas A&M Engineering Extension Service to provide specialized laboratory experiences through their mobile industrial water training

platforms. Other student instructional facilities, including shared classrooms with networked computers, are already in place.

G. Accreditation

No accreditation is required for this program.

III. NEW 5-YEAR COSTS & FUNDING SOURCES

Five-Year Costs		Five-Year Funding	
Personnel		Reallocated Funds	\$200,265
Faculty	\$700,000		
Administration	\$0		
Graduate Assistants	\$0		
Clerical/Staff	\$0		
Other Personnel	\$0		
Facilities	\$0	Statutory Tuition	\$89,400
Equipment	\$0	Designated Tuition	\$166,409
IT Resources	\$0	Graduate Tuition Above Statutory (\$50) Tuition	\$89,400
Supplies and Materials	\$2,500	Course Fees	\$0
Library	\$83,000	Anticipated New Formula Funding	\$240,026
Other	\$0	Special Item Funding	\$0
		Other	
Total Costs	\$785,500	Total Funding	\$785,500

AGENDA ITEM BRIEFING

Submitted by: Walter V. Wendler, President
West Texas A&M University

Subject: Authorization to Award an Honorary Degree to Ms. Helen Piehl

Proposed Board Action:

Authorize the President of West Texas A&M University (WTAMU) to award an Honorary Doctor of Philosophy in Education degree to Ms. Helen Piehl.

Background Information:

In accordance with Section 1.2 of System Policy [11.07, Granting of Honorary Degrees](#), WTAMU submits this request to award an Honorary Doctor of Philosophy in Education degree to Ms. Helen Piehl in acknowledgement of her outstanding accomplishments, contributions and service in the field of education. Ms. Piehl, a distinguished alumna of WTAMU, earned her Bachelor of Business Administration degree from West Texas State University in 1971 and has demonstrated an unwavering commitment to excellence in public school education and higher education.

Ms. Piehl's leadership and philanthropy focused on excellence in PK-20 education, educator preparation, agriculture, emerging leadership development and the support of high-quality youth and university co-curricular and extracurricular programs. Her dedication has been recognized by numerous WTAMU and external entities. The awarding of an honorary Doctor of Philosophy in Education degree will recognize her lifetime contributions to public and higher education. The award will acknowledge Ms. Piehl's significant and lasting influence in enhancing the quality of teacher preparation and excellence in education for WTAMU students and the children of Texas. The vision, leadership and generosity of Ms. Piehl advanced the mission of WTAMU in significant ways and enhanced the quality of life in the Texas Panhandle and beyond.

The nomination is respectfully submitted by Dr. E.W. Henderson, Dean of the WTAMU College of Education and Social Sciences with the unanimous support of Department of Education faculty, as required in the WTAMU Rule [11.07.99.W1, Granting of Honorary Degrees](#).

With Board authorization, this degree will be awarded at the West Texas A&M University's May 2017 commencement.

A&M System Funding or Other Financial Implications:

None.

Agenda Item No.

WEST TEXAS A&M UNIVERSITY

Office of the President

December 15, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Authorization to Award an Honorary Degree to Ms. Helen Piehl

I recommend approval of the following minute order:

“The President of West Texas A&M University is hereby authorized to award an Honorary Doctor of Philosophy in Education degree to Ms. Helen Piehl.”

Respectfully submitted,

Walter V. Wendler
President

Approval Recommended:

John Sharp
Chancellor

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel

**West Texas A&M University
Summary of Accomplishments
Ms. Helen Piehl**

Leadership

Ms. Piehl's leadership has focused on excellence in the compressed gas industry, education, agriculture, emerging leadership development and the support of high quality youth programs:

President, HB Realty Company, Amarillo, Texas
Vice President, BKC Industries, Inc., Creedmore, North Carolina
Vice President, Western Valve Inc., Amarillo, Texas
Vice President, Western Sales & Testing, Inc., Amarillo, Texas
Vice President, Portersville Sales and Testing, Portersville, Pennsylvania
West Texas A&M University Foundation, Board of Directors
West Texas A&M University Foundation, Board of Directors, President
WTAMU Women's Council, Founding Board Member and President
Texas 4-H Youth Development Foundation, Board Member and Secretary
Amarillo Women's Network, Board of Directors
Amarillo Area Women's Forum, Board of Directors
The Samaritan Pastoral Counseling Center, Board of Directors
WTAMU College of Education and Social Sciences, Advisory Council
New Mexico Community Foundation, Taos, New Mexico
Panhandle Tech Prep Board of Directors

Honors and Recognition

Ms. Piehl's dedication and commitment to enhancing the quality of life in the Texas Panhandle has been recognized by numerous university and external entities:

West Texas A&M University, 2005 *Distinguished Alumna*
West Texas A&M University Old Main Society, 2010 *Pinnacle Award*
Association of Fundraising Professionals, 2013 *Family Philanthropic Spirit Award*
Amarillo Area Women's Forum, 2002 *Outstanding Woman Award*
West Texas A&M University Old Main Society, *Patron Level* (\$500,000-\$999,999)
Texas 4-H Alumni Association, 2002 *Outstanding Alumni Award*
Beta Sigma Phi, 2010 *Woman of the Year*
Texas Co-Operative Extension Program, *4-H Wall of Honor*
Amarillo Women's Network, *Distinguished Service Award*
Amarillo Women's Forum, *Career Achievement Award*
Samaritan Pastoral Counseling Center, 2008 *Heart of a Samaritan Award*
WTAMU College of Education and Social Sciences, 2009 *Distinguished Graduate*
WTAMU Buffalo Club – *Lifetime Buffalo*
WTAMU President's Circle – *Emeritus Circle*

Philanthropy and Community Service

Ms. Piehl has directed her meaningful philanthropic efforts toward the improvement of public school and higher education.

Investment in Academic Excellence

WTAMU Piehl-Schaeffer Agriculture Pavilion

Randall County Event Center-Piehl Family Arena

The Helen Piehl Professor of Education

WTAMU Center for Learning Disabilities – Texas A&M University System Center of Excellence

The Helen Piehl Center for Learning Disabilities Distinguished Lecture Series Endowment

President's Honor Scholarship honoring Bill Piehl

Academic Scholarships

Bill Piehl Agriculture Scholarship

Geneva Schaeffer Scholarship in Education

James Clark First-Choice Scholarship

Rogers Leadership Education and Development Program

WTAMU Travel Partners Endowment - Supporting Student Study Abroad

Readership WT Student Travel Fund

Agriculture Sciences Complex Named Classroom

Agriculture Development Association

WTAMU Girl Power–Youth Leadership Development Program, Co-Chair

WTAMU Tantalizing Tables–Supporting WTAMU Scholarships, Co-Chair

Investment in Co-curricular and Extracurricular Student Engagement

Bain Athletic Center

Buffalo Club Endowment

Significant financial support of all WTAMU Athletic Programs

WTAMU Foundation Athletics Administration Program

A Night with the Pros–Benefitting WTAMU Athletics, Co-Chair

WTAMU Centennial Gala, Co-Chair

WTAMU Buffalo Walk, Co-Chair

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Walter V. Wendler, President
West Texas A&M University

Subject: Approval of a New Master of Science Degree Program with a Major in Computer Information Systems and Business Analytics, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Proposed Board Action:

Approve the establishment of a new degree program at West Texas A&M University leading to a Master of Science (M.S.) in Computer Information Systems (CIS) and Business Analytics, authorize the submission of this degree program to the Texas Higher Education Coordinating Board (THECB) for approval, and certify that all applicable THECB criteria have been met.

Background Information:

The M.S. in CIS and Business Analytics program is designed to provide a strong foundation in computing, data management and mining, cybersecurity, and business analytics. The program will prepare the next generation of analysts with the skills that drive business success in today's data-driven and technology-rich business environment through knowledge, discovery, and deployment of information systems strategies. Classes combine lectures, case studies, individual and team projects, and student presentations.

A&M System Funding or Other Financial Implications:

The program will use existing faculty, space, and equipment resources with modest new annual expenses. It is projected one new tenured or tenure-track faculty position will be added in the third year; therefore, there are minimal new costs associated with the new program. The new costs will not exceed \$2 million for the first five years of operation.

Agenda Item No.

WEST TEXAS A&M UNIVERSITY

Office of the President

October 13, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Approval of a New Master of Science Degree Program with a Major in Computer Information Systems and Business Analytics, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at West Texas A&M University leading to a Master of Science in Computer Information Systems and Business Analytics.

The Board also authorizes submission of West Texas A&M University’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.”

Respectfully submitted,

Walter V. Wendler
President

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

West Texas A&M University

Master of Science
with a major in Computer Information Systems and Business Analytics
(CIP 52.1399.01)

Program Review Outline

BACKGROUND & PROGRAM DESCRIPTION

Administrative Unit: College of Business
Department of Computer Information Systems and Decision Management

In today's highly competitive global environment, the effective deployment of information systems has become the key to business success. One growing area in information systems is that of business intelligence and business analytics. Business intelligence is generating knowledge from business data and then capitalizing on that data to improve a business process or market to a niche audience. Business analytics is a set of skills to analyze organizational data using a knowledge discovery process. The goal of both business intelligence and business analytics is to help managers make fact-based decisions via the deployment of computer information systems tools.

The Master of Science (M.S.) in Computer Information Systems (CIS) and Business Analytics program is designed to provide a strong foundation in computing, data management (big and small) and mining, cybersecurity, and business analytics. Graduates of the program will be able to (i) recognize proper communication channels to present information technology research results; (ii) apply information technology and data analytic tools to complex problems and recommend feasible solutions; (iii) recognize and evaluate ethical dimensions of information technology decisions and effects on stakeholders; (iv) analyze issues involved in conducting business in a diverse, global environment; and (v) interpret knowledge and understanding of advanced theoretical concepts in quantitative methods, data analytics, data mining, web and mobile development, information and cybersecurity, and project management.

The 36 semester-credit-hour (SCH) non-thesis program consists of 30 SCH of required course work in quantitative analysis, data analytics, computing and data mining, web and mobile development, business integration and cybersecurity, and technology planning and project management. An additional six SCH of electives are selected from course work in computer information systems, economics and econometrics, and finance.

The proposed implementation date is fall 2017.

West Texas A&M University (WTAMU) certifies that the proposed new degree program meets the criteria under the [19 Texas Administrative Code, Section 5.45](#) in regards to need, quality, financial and faculty resources, standards, and costs. New costs during the first five years will not exceed \$2 million.

I. NEED

A. Employment Opportunities

The job growth projection for all disciplines, as put forth by the U.S. Bureau of Labor Statistics for the years 2012-2022, is 11%. In fields related to computer information systems and business analytics, the average job growth rate projection is 15-32%. The job placement rate of WTAMU graduate and undergraduate students in the computer information systems field is over 95% with most starting salaries well in excess of \$60,000 per year.

B. Projected Enrollment

In September of 2015, the institution conducted a survey of students in the Master of Business Administration (M.B.A.) in CIS, Bachelor of Business Administration in CIS, and Bachelor of Science in Computer Science programs in order to frame student support for a new master's degree offering. Over 60 students responded to the survey, which included a demographic split of 59% graduate students and 41% undergraduate students. When asked about an interest in additional training in the area of Big Data, Enterprise Resource Planning (ERP), Business Intelligence (BI), Data Analytics, and Cybersecurity, 87% of the student respondents expressed a strong interest in additional course work. Additionally, 89% of the respondents confirmed interest in pursuing an M.S. in CIS and Business Analytics degree within the next five years. Projected enrollment is 15 students the first year and 8-10 new students each year.

C. Existing State Programs

Since August 2013, master's degree programs in business analytics have been approved by the Texas Higher Education Coordinating Board for Texas A&M University, Texas A&M University-Commerce, the University of Texas at Arlington, The University of Texas at Austin, and the University of Texas at Dallas.

II. QUALITY & RESOURCES

A. Faculty

Faculty resources employed to support the existing graduate business programs (M.B.A. in CIS, and M.B.A./M.S. in Finance and Economics) are positively aligned to support the new M.S. in CIS and Business Analytics degree throughout the infancy stage. As the program matures, an additional faculty line will eventually be needed but not before the program generates significant revenue that will more than cover the additional expense. The addition of the new program will cause some faculty effort displacement away from the existing graduate programs; however, in most cases, the new program complements faculty resources in the existing programs. It is anticipated that an additional faculty FTE would be needed in Year 3.

B. Program Administration

The program will be administered by the associate dean and current faculty advisers. No new administration costs will be incurred.

C. Other Personnel

Administrative/clerical support will be provided by existing College of Business and Department of Computer Information Systems and Decision Management support staff.

D. Supplies/Materials

There will not be a need for additional supplies and materials other than normal operating expenses.

E. Library

Existing library and computer lab facilities that support the current programs in CIS are adequate to support the proposed program without additional cost.

F. Equipment/Facilities

Existing facilities and equipment are sufficient to support this program as they support the current computer information systems program which is one of only 33 CIS programs in the world to earn both the Association to Advance Collegiate Schools of Business (AACSB) and ABET accreditation.

G. Accreditation

The College of Business at WTAMU is an accredited member of AACSB. The Computer Information Systems program is accredited by the Accreditation commission of ABET (<http://www.abet.org>), insuring the program is following the global standards for programs in applied science, computing, and technology.

III. NEW 5-YEAR COSTS & FUNDING SOURCES

NEW FIVE-YEAR COSTS		SOURCES OF FUNDING	
Faculty	\$390,000	Formula Income	\$634,269
Program Administration		Statutory Tuition	\$177,500
Supplies & Materials	\$0	Designated Tuition	\$626,611
Library & IT Resources	\$0	Other Funding:	
Equipment, Facilities	\$0	Graduate tuition	\$177,500
Marketing & Outreach	\$20,000	Student Fees	\$368,151
Estimated 5-Year Costs	\$410,000	Estimated 5-Year Revenues	\$1,984,031

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: Walter V. Wendler, President
West Texas A&M University

Subject: Naming of West Texas A&M University Classroom – Smart Classroom 1

Proposed Board Action:

Name the West Texas A&M University Classroom – Smart Classroom 1 the “Golden Spread Electric Cooperative, Inc. Classroom.”

Background Information:

In accordance with System Policy [51.06, Naming of Buildings and Other Entities](#), “It shall be the policy of the Board of Regents (board) of The Texas A&M University System (system) to honor or memorialize individuals who have made significant contributions to the system by naming buildings, definable portions of buildings, geographical areas or academic entities for such individuals.”

This recommendation is made per the attached memo from Dr. Walter V. Wendler.

A&M System Funding or Other Financial Implications:

Not applicable.

Agenda Item No.

WEST TEXAS A&M UNIVERSITY

Office of the President

December 6, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Naming of West Texas A&M University Classroom – Smart Classroom 1

I recommend adoption of the following minute order:

**“The West Texas A&M University Classroom – Smart Classroom 1 is
hereby named the ‘Golden Spread Electric Cooperative, Inc. Classroom.’”**

Respectfully submitted,

Walter V. Wendler
President

Approval Recommended:

Approved for Legal Sufficiency:

John Sharp
Chancellor

Ray Bonilla
General Counsel

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer



Office of the President

WTAMU Box 60997 • Canyon, Texas 79016-0001 • 806.651.2100 • Fax 806.651.2126 • wtamu.edu • president@wtamu.edu

December 6, 2016

MEMORANDUM

TO: Ms. Vickie Burt Spillers
Executive Director, Board of Regents

SUBJECT: Naming of WTAMU Classroom – Smart Classroom 1

Golden Spread Electric Cooperative, Inc is a consumer-owned public utility organized in 1984 to provide low cost, reliable electric service for its rural distribution cooperative members. Its 16 member systems provide service to approximately 287,000 located in the Oklahoma Panhandle and 24 percent of Texas – including the Panhandle, South Plains and Edwards Plateau.

“The term “Golden Spread” was coined in 1954 by announcer Bob Izzard of Amarillo radio station KGNC to promote tourism by publicizing the good weather and travel conditions in the Panhandle area. The word “Golden” was chosen to suggest sunshine and the word “Spread” was picked as an appropriate reference for the large ranch holdings predominant in the area. The Golden Spread, according to Izzard, extends “from Liberal (Kansas) to Lubbock (Texas), and from Sayre (Oklahoma) to Santa Rose (New Mexico).” Golden Spread believes their name signifies the vast riches of the beautiful land they serve. The “golden spread” is enriched with an abundance of agriculture, natural resources, and most importantly, hard-working people.

Golden Spread Electric Cooperative, Inc is partnering with West Texas A&M University to sponsor a smart-classroom on the 2nd floor of the newly renovated engineering building. The partnership is geared to accomplish three goals:

1. Support engineering in the Panhandle
2. Provide the best environment for learning to students
3. Ensure local talent stays local after graduation

Walter V. Wendler
President

Agenda Item No.

AGENDA ITEM BRIEFING

Submitted by: M. Katherine Banks, Director
Texas A&M Engineering Experiment Station

Gregory D. Winfree, Agency Director
Texas A&M Transportation Institute

Subject: Establishment of the Center for Infrastructure Renewal as a Joint Center

Proposed Board Action:

Establish the Center for Infrastructure Renewal (CIR) as a joint center between Texas A&M Engineering Experiment Station (TEES) and Texas A&M Transportation Institute (TTI).

Background Information:

The proposed CIR will provide state-of-the-art infrastructure research facilities and bring together multidisciplinary and cross-industry teams needed for accelerating new infrastructure discovery and innovation. In addition, the CIR will provide advanced training and education of students, technicians, engineers and future leaders in infrastructure engineering-related areas.

The overall mission of the CIR is to facilitate the creation of state-of-the-art methods, technologies and solutions for infrastructure renewal through combining discovery, translation and innovation from The Texas A&M University System and beyond, combined with cross-industry collaboration. The CIR will also serve as a research and training hub for federal, state and local governments, universities, private industry and consultants.

A&M System Funding or Other Financial Implications:

The CIR will be provided a total of \$250,000 per year for six years in startup funds from TEES.

As the CIR is established, it is expected that additional funding will be obtained from federal, state and local agencies, industry and foundations. The CIR will also seek to develop joint proposals with other academic institutions.

**TEXAS A&M ENGINEERING EXPERIMENT STATION
TEXAS A&M TRANSPORTATION INSTITUTE**

Office of the Directors

December 15, 2016

Members, Board of Regents
The Texas A&M University System

Subject: Establishment of the Center for Infrastructure Renewal as a Joint Center

I recommend adoption of the following minute order:

“The Center for Infrastructure Renewal is hereby established as a joint center between Texas A&M Engineering Experiment Station and Texas A&M Transportation Institute.”

Respectfully submitted,

M. Katherine Banks, Director
Texas A&M Engineering Experiment Station

Gregory D. Winfree, Agency Director
Texas A&M Transportation Institute

Approval Recommended:

John Sharp
Chancellor

Billy Hamilton
Executive Vice Chancellor and
Chief Financial Officer

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel

Center for Infrastructure Renewal (CIR)
Texas A&M Engineering Experiment Station (TEES)
Texas A&M Transportation Institute (TTI)

1. Rationale for the Creation of the Center

Infrastructure forms the backbone for our quality of life and national competitiveness. However, the infrastructure in the state of Texas and the United States is aging and has reached its design life. Governments increasingly recognize that traditional engineering solutions are not sufficient to meet the demands of a deteriorating infrastructure. In the U.S.A., roadways and bridges are deteriorating at a faster rate than can be repaired. The U.S. power grid is more than 130 years old and vulnerable to natural disasters and terrorist attacks.

Modernizing these infrastructures will require interdisciplinary research teams, 21st century technologies, and innovative solutions to meet the demands of a growing population. The state of Texas is under pressure to allocate sufficient funding for the current and future needs for infrastructure renewal, expecting to spend more than \$23 billion over the next biennium for this endeavor.

The development of new solutions for infrastructure renewal cannot be addressed by universities alone, but will require partnerships with industry and key governmental agencies. This was recently recognized by the Texas State Legislature which appropriated funds for a joint venture between two state agencies, the Texas A&M Engineering Experiment Station (TEES) and the Texas A&M Transportation Institute (TTI), to construct the Center for Infrastructure Renewal (CIR). This includes the construction of a world-class facility on the new RELLIS Campus that will house researchers who are developing advanced and sustainable materials, structural systems, smart electric grid solutions, and connected infrastructure-to-vehicle technologies that will reduce cost, extend infrastructure life and improve safety, resiliency and durability.

Mission

The mission of the CIR is to facilitate the creation of state-of-the-art methods, technologies and solutions for infrastructure renewal through combining discovery, translation and innovation from The Texas A&M University System and beyond, combined with cross-industry collaboration. The CIR will also serve as a research and training hub for federal, state and local governments, universities and private industry.

Goals

- Provide state-of-the art research facilities necessary to accelerate the rate of new discovery and innovation for infrastructure renewal.
- Promote the discovery and translational research needed for developing new technologies, systems and solutions for infrastructure renewal. This will involve establishing a philosophy and environment of interdisciplinary cross-cutting infrastructure research within The Texas A&M University System.
- Connect the experts necessary for an order of magnitude improvement in safety, capacity and environmental performance of both existing and new infrastructure. Examples may include expertise in areas such as advanced materials, structures, cyber infrastructure,

energy and smart grids, autonomous vehicle technology, electric vehicles and charging systems, vehicle-to-vehicle and vehicle-to-infrastructure communications, as well as operations and business.

- Build new cross-industry partnerships for accelerating both discovery and the implementation of new infrastructure solutions.
- Engage engineers throughout the state of Texas and the nation involved with infrastructure through strategic partnerships with Texas A&M researchers.
- Provide trainees with coursework and hands-on activities focused on infrastructure research, translation and innovation.
- Help attract the research support needed for the CIR from federal agencies, state agencies, local agencies, private industry, and other non-governmental organizations.

Justification

Modernizing the infrastructure to meet the demands of a growing population will require interdisciplinary research teams, 21st century technologies and innovative solutions. Advances in technology open up important opportunities for innovative infrastructure renewal at the local, regional, state and national levels. A critical challenge for the research community is accelerating new research through translation of knowledge from one discipline to another, as well as ensuring that the results are expeditiously implemented into new applications through cross-industry collaborations. Multidisciplinary research involves connecting experts in, for example, advanced materials, structures, cyber infrastructure, energy and smart grids, autonomous vehicle technology, electric vehicles and charging systems, vehicle-to-vehicle and vehicle-to-infrastructure communications with a specific problem-solving objective. The promise from this is an order of magnitude improvement in safety, capacity, and environmental performance. However, to get these advances into practice, not only interuniversity but also new cross-industry teams are needed, along with new methods of procurement and infrastructure financing. Outreach and industry-wide workforce training and standardization are also integral to the rapid deployment and acceptance of new infrastructure technologies.

The CIR will provide the facilities and the multidisciplinary research environments for attracting significant cross-industry participation. The research conducted at the CIR will make a positive impact on the nation's infrastructure in the areas of safety, security, efficiency, performance, longevity, hazard resiliency, and sustainability. The CIR will contain collaborative, multi-use spaces and include shared facilities that support multidisciplinary engineering research teams.

Unique Strengths of The Texas A&M System to Facilitate Sustainable Infrastructure Renewal

This initiative leverages The Texas A&M University System's core strengths in engineering (TEES) and transportation (TTI), to bring about an evolution in infrastructure research and innovation. By combining these strengths with cross-industry collaboration, outreach and education, all facets of infrastructure research can be tackled with a holistic systems perspective.

Proposed Activities

- 1) Facilitation of translational research partnerships – Cohorts of experts from both traditional infrastructure research backgrounds and from academic subjects outside traditional infrastructure research will be identified and organized under common themes

that have the potential for a major change and advancement in knowledge and innovation for infrastructure renewal.

- 2) Organization of Integrated Research Environments – In order to enhance multidisciplinary interaction among the faculty, staff and graduate students linked to the CIR and to enhance the interaction with industry and public agencies, integrated Research Environments (iREs) will be established around key thematic research focus areas.
- 3) Organization of strategic cross-industry partnerships and networks – Identify and develop deep strategic collaboration partnerships with large companies with interests in infrastructure renewal. CIR will also actively seek to build a network consisting of, for example, partners related to the infrastructure construction industry, large consulting companies, government (state and federal), smart city development, transportation, service providers, material producers, power companies, car manufacturing and the financial and insurance markets.
- 4) International partnerships for knowledge – The CIR will actively engage with international partners to establish joint research opportunities that are part of major global infrastructure research and innovations. This will ensure that the CIR partners benefit from the translation of knowledge from international activities in the infrastructure domain.
- 5) Organize CIR knowledge and innovation accelerators – CIR will identify and keep track of ongoing projects, semi-developed products, and almost ready ideas that can be pushed to rapid completion and introduction into the market. For this, partnerships will be established between the existing idea/product/project partners and new partners that can fast-forward the development into the market. Business accelerator coaching will be offered for rapid market implementation. This will catapult currently existing inventions or ongoing projects into the final stages and guide them into the market.
- 6) Facilitate CIR Innovation by Design Workshops – The CIR will combine Innovation by Design approaches where multidisciplinary teams are brought together with industry to identify “white spots” in innovation needs and rapidly define the research and development of the products with business and standardization case studies. Each research project that is developed within the CIR Innovation by Design framework will, thus, embrace the business and standardization aspect from a very early stage. This will ensure that by the time a research project has made it through the design and development stages, it will move toward implementation based on its unique business plan which will greatly enhance the chances for success as an innovative product or service.
- 7) CIR “Sandbox” Workshops and Road mapping – In order to stimulate creativity in new research around selected CIR topics, new out-of-the-box ideas will be created through “Sandbox” ideation workshops in which the “existing knowledge + infrastructure challenge = CIR innovation” formula will be put into practice. The Sandbox will open minds and develop unexpected partnerships, and should prove to be an innovation fertilizer which will provide the inputs for industry and public sector-focused road mapping for new discovery and innovation.
- 8) CIR technology demonstrators – Infrastructure requires a long investment time horizon and it is important that all engineering, environmental, financial, and societal risks of infrastructure innovations are thoroughly understood. It is therefore important that innovations be thoroughly tested and demonstrated under a variety of conditions defined by the application. Furthermore, the scalability of the innovation must be tested since what works well in a laboratory setting, does not necessarily work well when applied on a larger scale. CIR will bring together the expertise needed for innovative demonstrations

to mitigate additional startup costs. It will also provide technical assessments on selected demonstration sites in order to introduce the tested innovations to larger circles within the industry. This activity will address the technical demonstration and scalability assessment of selected infrastructure innovations.

- 9) Fore sighting for new infrastructure technologies and innovation – In order to identify emerging opportunities, CIR would host the “Texas Infrastructure Summit.” This event will bring together top thinkers in the world with interests in infrastructure renewal and innovation. This would help ensure that CIR leads and informs policy and decision makers on new initiatives related to infrastructure renewal.
- 10) Training, seminars, short courses, and working groups – These will be developed on topics related to infrastructure renewal and the use of new technologies for infrastructure, as well as leadership education for infrastructure professionals.

Faculty Participation, Governance, and Advisory Structure

The director of the CIR is appointed by the Vice Chancellor and Dean of Engineering and Director of TTI. The director will report to the TEES Associate Agency Director for Strategic Initiatives and Centers. The director will oversee the center’s facilities and related budgeting, center strategy, impact, and outreach. The director will engage researchers in creating large-scale teams and developing strategies for obtaining major funding. The director will work with academic program leaders, TEES Centers, TTI division leaders, and faculty and staff on identifying and enabling funding for new transformative research and innovation initiatives and help to maintain leading global research and innovation environments. The director will engage with the wider community to establish cross-industry partnerships and promote the center, its activities and members within the state of Texas, as well as nationally and beyond. Finally, the director will oversee the daily activities of the center. The duties of this position will include administration, support for research and fundraising, and oversight of the development and implementation of related integrated research environments and training programs in infrastructure technology, systems and leadership. A Management Team will consist of two associate directors and a manager for outreach and impact so that the key partners in the center are represented in the leadership. The two associate directors and the manager for outreach and impact will be nominated by the Center Director and approved by the TEES Associate Agency Director for Strategic Initiatives and Centers and the Director of TTI. The Management Team will serve as an advisory committee for the CIR operations, review and approve center membership, and assist in the periodic review of the center.

The overall direction of the CIR will be approved by the CIR executive group which will consist of the CIR Director, the TEES Associate Agency Director for Strategic Initiatives and Centers and the TTI Director.

The center will have a Development Board which will be responsible for foresight and guidance of the overall development of the center. The Development Board will consist of department heads and TTI division heads who have a major stake in the CIR.

Given the large scope of the experimental facilities under the CIR, an Operations Group will have delegated authority for the overall day-to-day operations of the various aspects of the experimental facilities, as well as other key center themes as determined by the center management team.

A Scientific Advisory Board will be established consisting of national and international leaders in industry, academia and funding agencies. The members of the Scientific Advisory Board will meet on an annual basis to review scientific progress and provide guidance to enhance and maximize the full potential of the CIR.

Finally, the CIR will have an Advisory Board consisting of leaders from industry, government and academia with an interest in infrastructure renewal.

Potential members of the CIR will be faculty members associated with TEES, the College of Engineering and TTI, as well as faculty members from the Texas A&M University College of Science and the Business School. Determination of membership will be based on affiliation and the level of research and innovation relevance to the mission and goals of the CIR.

Mechanisms for Periodic Review

The center will be reviewed in accordance with TEES SAP 11.02.99.E0.01, Centers and Institutes. Annual reports of the proposed CIR will be reviewed by the TEES Associate Agency Director for Strategic Initiatives and Centers and the Director of TTI. The annual report will include progress reports on strategic initiatives and assessment from the annual Advisory Board meetings. The success of the CIR will be based on the following metrics:

- Research awards to the center.
- Engagement of faculty, TEES researchers and TTI researchers in center activities and projects.
- Multidisciplinary research proposals submitted to major funding opportunities.
- Extent of strategic industry partnerships.
- Wider impact on society, as illustrated through case studies of new innovation and implementation of research findings.
- Development and implementation of training programs as evidenced by courses, seminars, workshops, and tutorials offered to the wider community and key stakeholders.
- Number of students trained through CIR-related activities focused on research and innovation.

Impact on Education and Training of Students and the Wider Infrastructure-related Community

There will be three major areas of training: training of students; training of engineers and technicians working with infrastructure technology and systems; and training of future leaders in infrastructure engineering-related areas. The training of students in Infrastructure Engineering will include new approaches to graduate and post-graduate education encompassing the diversity of opportunities in infrastructure development.

Goals of the graduate and post-graduate student training:

1. Integrate scholarship in advanced science and independent research with entrepreneurial and commercialization knowledge, skills and experiences required for future successful careers and leadership in the infrastructure sector.
2. Build the teamwork and leadership skills needed to support and advance technical problem-solving and entrepreneurial decision-making through participation in the integrated research environments.

Goals with the training of engineers and technicians:

1. Substantially increase the level of technology transfer of new knowledge and innovation to consultants, government employees and industry working in infrastructure-related areas.
2. Enhance the level of skills in the infrastructure-related services workforce.
3. Build goodwill between the CIR and the wider community.

Goals with the training of future leaders in infrastructure-related areas:

1. Fill the unmet needs of large consultant and contractor companies in the infrastructure area for leadership training of their future leaders.
2. Ensure that current project managers in these companies are trained in leadership that is relevant to their own businesses through an experiential learning approach.
3. Build goodwill between the CIR and the leaders of tomorrow in infrastructure engineering.

Sources and Future Expectations of Financial Support

Initial startup funding will be provided as follows: TEES – \$250,000 per year for six years. After the initial funding, the CIR will become self-sustaining through a variety of funding mechanisms. The primary sources for continued funding include grants that directly fund the center’s research, innovation and implementation activities, and training grants and other training-related income that supports faculty, researchers, staff, and students. A number of private, federal and state sources support academic-led programs in infrastructure engineering. Examples include the National Science Foundation, Federal Highway Administration, Defense Advanced Research Projects Agency, Defense Threat Reduction Agency, U.S. Army Corps of Engineers, Department of Energy, Department of Defense, Texas Department of Transportation and other state departments of transportation and direct industry funding. The CIR will also seek international financing, where possible, such as collaborative European Union funding. The CIR will also develop educational content and skills training that will be packaged into workshops and workforce development products, such as certificates and continuing education development credits that will generate additional funding. Industry sponsorships will be solicited to underwrite these educational and skills training activities.

***Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.**