
LEGISLATIVE APPROPRIATIONS REQUEST
FISCAL YEARS 2018 AND 2019



Submitted to the Governor's Office
and the Legislative Budget Board

THE UNIVERSITY OF TEXAS
SOUTHWESTERN MEDICAL CENTER

August 2016

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Agency Code: 729	Agency Name: The University of Texas Southwestern Medical Center	Prepared By: Arnim Dontes	Date: August 2016	Request Level: Base
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For the schedules identified below, the University of Texas Southwestern Medical Center either has no information to report or the schedule is not applicable. Accordingly, these schedules have been excluded from the U.T. Southwestern Medical Center Legislative Appropriations Request for the 2018-19 biennium.

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OVERVIEW

This Legislative Appropriations Request for FY 2018-19 is based upon a strategic assessment of the future of UT Southwestern Medical Center and careful consideration of the Legislature's historic priorities for higher education in Texas. In addition, this Request is based upon important priorities for UT Southwestern (UTSW) that also impact other Health Related Institutions (HRIs) across Texas, such as providing the resources necessary to: educate a world-class healthcare and research workforce, improve the quality and availability of healthcare for all Texans, expand the Texas economy by increasing its institutions' ability to bring external research dollars to Texas, and to support lifesaving biomedical research at Texas' established research schools.

BACKGROUND AND OPERATIONS

UTSW strives to achieve the public policy goals it was established to pursue, and leverages the State's investment in these goals to obtain additional federal and private support to advance its education, research and patient care missions. The State's investment in UTSW pays dividends much greater than the cost, both in terms of external dollars generated for the State and in terms of results produced. Since its formation in makeshift quarters in 1943, UTSW has grown into a multifaceted academic health science university engaged in education with three schools, a robust research enterprise, healthcare for hundreds of thousands of patients and considerable community service. UTSW has expanded from an initial faculty of 20, housed in WWI barracks, to a faculty of over 2,500 occupying ~11.5 million sq. ft of space. Administrative expense in FY15, at 2.5% is the lowest among state (HRIs).

Medical School and Graduate Medical Education

UTSW's Medical School is consistently ranked nationally in the Top 25 for research and primary care, the only state medical school in Texas so rated. In 2012, UTSW conferred its 10,000th M.D. degree and has now educated almost 11,000 undergraduate physicians. At student capacity since the early 2000s, with an average annual graduating class of 240, the medical school is the eighth largest in the U.S. In FY16, 52% of that year's graduates entered Primary Care residency and 56% of all UTSW medical school graduates were practicing in Texas. UTSW also provides Continuing Medical Education to ~43,000 practicing physicians per year.

The Graduate Medical Education program trains approximately 1,500 residents in 98 accredited Primary and Specialty care programs located across North Texas. UTSW's GME program, the largest in Texas, is among the five largest in the U.S – training almost one in four doctors in Texas schools, with a program that is almost twice the size of the next largest State program. UTSW trains a considerable number of primary care physicians – the Obstetrics/Gynecology program is the largest in the country, and the Internal Medicine and Pediatrics programs are the largest and second largest in Texas, respectively. Almost 40% of UTSW residents are in Primary Care programs. Its 80 Specialty Care programs, such as Emergency Medicine, Psychiatry, Pediatric Cardiology and Neurosurgery, train residents in specialties with some of the greatest physician shortages in Texas, greater even than Primary Care. Five specialty training programs – including Brain Injury Medicine, Medical Microbiology and Toxicology, and Hand and Female Pelvic Reconstructive Surgery – are the only programs in Texas training these needed physicians. In 2015, in its inaugural residency program rankings, US News & World Report ranked five UTSW programs among the top 10 in the U.S. In total, UTSW graduates ~500 practicing physicians per year from its GME programs and in FY16, almost 60% remained in practice in Texas.

Graduate School of Biomedical Sciences and School of Health Professions

UTSW's Graduate School of Biomedical Sciences and School of Health Professions are also highly regarded. The Graduate School trains ~1,000 graduate students and post-doctoral fellows, helping to produce the next generation of scientists as the largest program among State HRIs encompassing 27% of all biomedical sciences students. The Graduate School includes two divisions, Basic and Clinical Science. The Basic Science Division offers Ph.D. degrees in 11 areas such as Cancer Biology

Administrator's Statement

8/9/2016 12:36:06PM

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Automated Budget and Evaluation System of Texas (ABEST)

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and Neuroscience and the Clinical Science Division trains practitioners in fields such as Clinical Psychology and Clinical Science. A vibrant research enterprise is absolutely essential to the education of these students – most graduate training, by necessity for practice and accreditation standards, is done in the lab and not in the lecture hall.

The School of Health Professions, although smaller with an enrollment totaling 340 students, educates students to address critical shortages in many healthcare professions that also help to extend medical doctors' practice. Its Physician Assistant program is highly competitive and ranked among the Top 15 in the U.S. Other programs include Physical Therapy, Prosthetics/Orthotics, Clinical Nutrition, Rehabilitation Counseling and Radiation Therapy.

Patient Care – Linked to Education and Research

Though not supported by State dollars, UTSW also provides an enormous amount of primary and specialty care to patients from the area, and sought-after specialty care to patients referred from across Texas and beyond who are in need of care that a Top 25 ranked academic center can provide. Approximately 2.2 million outpatient visits and 100,000 hospitalized patients are treated annually. Patients are cared for at two UTSW owned and operated State hospitals, Zale Lipshy University Hospital and the new William P. Clements Jr. University Hospital, a state-of-the art teaching facility opened in December 2014, ahead of schedule and under budget. Construction was accomplished without State funds and with a large portion coming from faculty physician earnings as the faculty practice elected to invest in this transformative hospital, specifically designed to integrate teaching and research missions while maximizing quality and efficiency in patient care. Patient satisfaction surveys already put CUH in the top 1% of hospitals nationally and demand has been remarkable, putting UTSW seven years ahead of projections and planning to break ground on a hospital expansion in 2017. The goal for UTSW is to continue pioneering a patient-centric University Hospital offering broad clinical expertise so Texas residents need never again leave the state to access comprehensive patient care on par with world-renowned centers like the Mayo Clinic.

Significant care is also provided at our major teaching hospital partners, Parkland Hospital (one of the largest teaching hospitals in the U.S.) and Children's Medical Center (a Top 10 ranked pediatric hospital), as well as the North Texas VA and many other locations.

Through the quality of its physicians and research, UTSW works to provide the most advanced and best quality of care to all patients. Its Simmons Cancer Center secured the highest NCI Comprehensive Cancer Center designation in 2014, the 45th center designated in the last 44 years across the country, and the second site so designated in the state. UTSW is certified as the only Advanced Comprehensive Stroke Center in North Texas, and access to some of the most innovative treatments is available only through clinical trials at UTSW and telehealth services offered to patients across the region. More than \$106.7M in uncompensated care is provided by UTSW physicians, ~5% of our entire University expense, but no appropriations for patient care services or facilities are requested or received from the State.

Research – Essential to Excellence in Education and Patient Care

UTSW has earned a global reputation as a top research institution. Many of the programs are internationally renowned and faculty members have achieved national and international recognition for accomplishments in biomedical research, linked to patient care and education. Adding to a roster that already included four Nobel Laureates, in 2011, a star faculty member recruited back to UTSW from California only months later won the Nobel Prize in Medicine or Physiology for seminal work in immunology accomplished on our campus in the 1990s. Just two years later, a former faculty member who was regrettably recruited to California and is now adjunct, won the 2013 Nobel Prize in Medicine or Physiology for discoveries in cellular transport systems, work also performed in Texas at UTSW. In total, six UTSW faculty have been awarded the Nobel Prize.

UTSW also leads Texas in having 22 members of our faculty in the National Academy of Sciences – the "hall of fame" for American scientists – and 18 members of the

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National Academy of Medicine. In addition, UTSW has the most Howard Hughes Medical Institute investigators and members elected to the Association of American Physicians and the American Society of Clinical Research – two of the most objective national measures of faculty excellence – in Texas.

Although Research Formula support for Texas HRIs has declined from a high of 2.85% to a 1.23% match for every \$100M in research expenditures, investment in research at UTSW continues to pay significant dividends to the State. In FY15, UTSW had \$423M in research expenditures, a majority from out of state competitive sources such as NIH. For every \$1 appropriated to UTSW to seed or invest in research infrastructure, UTSW secures \$9 in federal and other external funds brought to Texas. UTSW discoveries have led to the creation of 15 biotech companies to date, raising more than \$1.6 billion invested in Texas. With investment on par with broader match support of other research universities in Texas, UTSW could exponentially capitalize on the State's investment.

Yet, as important an engine for economic development in Texas, the true purpose of research at UTSW is to make lifesaving discoveries and to advance patient care. UTSW has a long history of accomplishment in this area, beginning with the Nobel-prize winning discovery of the mechanism for cholesterol metabolism that eventually led to the development of statin drugs, to the widely used drug Citricol, to more recent discoveries, including the discovery of a corrective technique for Duchenne Muscular Dystrophy and a drug that boosts brain cell regeneration, the release of the first anti-obesity drug approved by the FDA in 15 years, two new cholesterol-controlling drugs approved in 2015, and the groundbreaking discovery of a biomarker with potential for first-ever physical diagnosis certain mental disorders.

PRIORITIES – INSTITUTIONAL AND STATEWIDE

UTSW is grateful for the support the State has provided to develop this Texas institution into a world-class academic medical center.

In the inextricably linked education, research and patient care missions of nationally-ranked medical centers, UTSW has grown remarkably over the past 20 years, both in size and quality. Constant care and strategic State investment – equally important in economic downturns and in times of economic prosperity – are essential to maintaining operations and advancing excellence at Texas' established HRIs that are at student capacity.

Institutional Priorities

State support is the bedrock on which UTSW's academic missions of education and research are built and is irreplaceable as there is no other source of funding to maintain infrastructure for these core functions of the institution. UTSW's State appropriation for FY16-17 totals \$282M (less debt service), including a greatly appreciated increase appropriated in the last session, which brought the institution back on par with its FY10-11 appropriation of \$279M (less debt service). The current total places UTSW in the middle of the pack among HRIs in total State funding. Despite operating the largest GME and biomedical sciences graduate student programs in Texas and the second largest medical school, and receiving considerable support for Exceptional Items, for which the institution is very grateful, this fairly unique scenario of diminishing State support over the years is due to a relatively greater percent of available funding going to the student formula, which rewards student growth in the absence of full funding for current and increased enrollment, while UTSW has been at student capacity for over a decade.

In the absence of the formula-driven support necessary to maintain and foster operations, UTSW is compelled to continue to request Exceptional Items for the purposes of strategic research investment and hope that they are funded as one of the only available mechanisms to increase its funding from the last biennium for targeted purposes. Other avenues to address at-capacity institutions through the Formulas and/or through full funding of enrollment growth in the I&O Formula remain at the Legislature's discretion.

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Exceptional Item Requests

UTSW respectfully submits two requests for Exceptional Item funding. Both are in areas of existing research and clinical expertise that would capitalize tremendously on State support, promising great ROI in future medical discoveries and external funds brought to Texas. While UTSW is not submitting a request for restoration of the 4% or \$3.7M reduction to the FY18-19 base appropriation, we would be remiss in not noting the expected impact. At UTSW, the 4% reduction disproportionately impacts research and the educational experience that the research enterprise provides to our students, given that existing Exceptional Item funding is the only possible source for this reduction at institutions of higher education and UTSW's items are almost wholly focused on research.

1. Texas Center for Advanced Radiation Therapy (TCART) – Heavy Ion Research & Treatment Facility

UTSW requests \$40M for the biennium to secure the country's first nationally designated "Heavy Ion" Research & Treatment Facility for cancer patients, as part of the Texas Center for Advanced Radiation Therapy. "Heavy Ion" therapy is the most precise and potent form of radiation treatment, and was developed in the U.S., but is not available in this country. UTSW and our research consortium of institutional partners statewide believe that Texas now has a unique opportunity to be at the forefront of cancer research and treatment in the U.S. and the world.

TCART – with the research consortium led by UTSW and including MD Anderson, UT Austin, UTHSC San Antonio, Texas A&M, Prairie View A&M, Baylor Medical Center, NASA and others – is perfectly positioned to capitalize on this opportunity for Texas, to establish the most advanced radiation center. Efficacy of Heavy Ions has been established by foreign centers, but still critically needed to uncover its full potential are improved accelerator/beam delivery technology, an understanding of the underlying biology, and clinical trials. A U.S. facility must be a comprehensive center capable of carrying out basic, pre-clinical, clinical and physics-related research, as well as large scale clinical trials. UTSW is poised to do this.

The National Cancer Institute (NCI) recognizes this void for cancer patients in the U.S., and in 2013 issued an RFP to plan a research center using the Heavy Ion modality. In February 2015, the Texas research team led by UTSW secured one of two NCI two-year planning grants awarded nationally. The 84th Legislature – recognizing the opportunity for Texas to lead the country – generously matched the NCI grant with a \$2M appropriation. A California consortium received a second grant, with Texas and California now in pursuit of an NCI Center of Excellence research center grant that is expected after the planning grant period.

Building on the NCI grant and state match, with UT System approval to invest an additional \$5M in institutional funds, UTSW has made significant progress in the complex multi-year internal planning needed to develop the most advanced proposal in the U.S., with a dedicated Technology Advisory Committee convened, a second International Symposium on Ion Therapy to advise on center development and research strategies held, a campus site identified, critical business plan, architectural and site pre-planning complete, and State-funded seed grants to Texas research partners to jump start Heavy Ion therapy related research in Texas in place.

UTSW is significantly invested in bringing the country's first "Heavy Ion" facility for cancer patients to Texas, yet State investment will be essential to its success. The establishment of all centers worldwide has been made possible with government support given the prohibitive expense, \$200M at UTSW. While three-quarters of the \$40M investment from the State initially would go towards establishing the technology for advanced research, \$10M would be invested directly in research infrastructure and projects. Given UTSW's historical 9 to 1 ROI on every State research \$1 invested, a ~\$90M return can be expected in time from this initial investment alone, which will not materialize in absence of the Heavy Ion facility.

UTSW is working to leverage State investment to secure additional stakeholder commitment with preliminary equipment vendor discussions and significant federal requests in work, as well as philanthropic donations, contingent on State and federal support. A truly public-private biomedical research partnership such as this would help to significantly advance our state's stated goal in establishing a biotechnology corridor in Texas.

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2. Peter O'Donnell Brain Institute/Texas Institute for Brain Injury and Repair

UTSW requests \$15M for the biennium for the Peter O'Donnell Brain Institute/Texas Institute for Brain Injury (TIBIR) to build on the tremendous success to date with existing TIBIR support. With TIBIR funds first appropriated in 2013, UTSW researchers have already successfully worked to develop novel therapies and diagnostic tools to treat brain injury and disease. In 2015, UTSW established the O'Donnell Brain Institute, which brings together all of UTSW's efforts to advance the field of neurosciences. Increased state funding is essential to extend basic discoveries from the lab and to seed the earliest steps in translational research for which there are no competitive sources of funding.

Recent successes in brain research at UTSW include the discoveries of the first drug to boost brain cell regeneration, which attracted Google-backed investment to Texas; a groundbreaking protein that is helping to unlock the mechanisms for the progression of diseases such as Alzheimer's, with great promise for more effective therapies that might even prevent the disease already in clinical trials; and in the area of mental health, the identification of a biomarker with the potential for first ever physical diagnosis of psychosis, schizophrenia and bipolar disorders, providing a completely new avenue for the development of effective intervention. The establishment of the O'Donnell Brain Institute leverages UTSW's demonstrated expertise in neuroscience, clinical and translational medicine, and brain imaging to revolutionize how diseases and disorders affecting the brain are diagnosed, treated, and ultimately cured.

Despite historical successes, development of basic discoveries into transformative patient care therapies at UTSW suffers from lack of funding for the early steps in basic and translational research and research infrastructure. State funding of \$7.5M per year will support the extension of basic discoveries from the lab and seed the earliest steps in translational research for which there are no competitive grant or investor sources of funding, yet are essential for fostering basic discoveries – with tremendous promise for bettering patient care, lowering healthcare costs, and ROI to the State – that result in novel patient therapies. With a historical 9 to 1 return on every State research \$1 invested, UTSW and the Brain Institute are also poised to deliver important economic impact that will help form a more diversified state economy, which state leadership has expressed must include the biomedical sector.

Statewide Priorities

UTSW is also supportive of the priorities of the University of Texas System for all UT health institutions consistent with its promotion of its longstanding statewide priorities, which would benefit all HRIs in Texas. To the extent that additional funds in the 85th Session for HRIs are available, we hope that the following might be considered.

Research-based Funding. UTSW hopes that to the extent that additional funds are considered in the 85th Session for any of the HRI formulas, a larger proportionate allocation of new funds might be committed for the Research Formula to restore historically disproportionate reductions. The Research Formula rate has borne a 57% reduction since 2001, while I&O a 14% reduction and Infrastructure a 41% reduction.

Adequate Formula and Related Funding – Graduate Medical Education. UTSW applauds the 84th Legislature's continued efforts to ensure that all Texas medical school graduates have a GME residency position available in the State for their continued training. UTSW hopes that to the extent that additional funds for GME are considered, continued and increased funding for current residency programs through the GME Formula be considered, since that formula rate (\$6,266) remains approximately less than half the Texas Higher Education Coordinating Board's 2004 inflation adjusted determination of actual cost (~\$18,000). This is essential for Texas to maintain its efforts to keep the recipients of the state's investment in medical education here in Texas.

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UT System Brain Health Quantum Leap – Mental Health. UTSW with UT System, and in partnership with the Department of State Health Services, stands ready to help address the mental and behavioral health needs of Texas by working to provide care for local constituencies through residency training and enhancing the provision of care, both primary and specialty, to this patient population with a purpose-built psychiatry hospital, should the Legislature wish.

UT System Brain Health Quantum Leap – U.T. Brain Initiative. UTSW has a long history of research excellence in brain injury and disease, culminating in the formation of the Peter O'Donnell Brain Institute in 2015 to serve as the umbrella for multi-disciplinary campus efforts – from groundbreaking efforts in degenerative diseases such as Alzheimer's to neurology and neurosurgery – to address the devastating effects on patients in Texas and beyond. Legislative support for UT System and UTSW efforts to establish and fund centers of excellence would advance the field for all patients.

Cancer Prevention and Research Institute of Texas (CPRIT). The Institute's charge to create and expedite innovation and expand our state's capabilities in cancer research and education has proven successful by metrics from research to recruitment. Extension of a CPRIT 2.0 and funding to the agency to carry out its mission is important to the continuation of these efforts.

Governor's University Research Initiative. In the 84th Legislative Session, Governor Abbott obtained almost \$40M for GURI, a new effort to attract leading national researchers to Texas, an essential component in elevating Texas to top tier research status. While UTSW was unable to participate this biennium, the continuation and expansion of the program categories of eligible researchers to "rising stars" is vital, and could prove an even better longterm investment of State support.

IMPACT OF FY 2016-17 10% REDUCTION PLAN SUBMITTED

UTSW has submitted the required plan to decrease its non-formula funding for FY16-17 by 10%. At UTSW, this would result in a reduction to important Exceptional Item programs that are primarily state targeted research investments – a necessary complement and support to education and advancing patient care and essential given the depreciation in overall Research Formula support since its inception. UTSW has already identified, realized and maximized cost-saving opportunities and implemented personnel reductions to absorb separate ~15% and ~25% reductions received within the last seven years. An additional 10% non-formula reduction, on top of the mandated 4% base appropriation reduction to these same strategies, would necessitate significant further reductions in personnel. This reduction would further affect the services, activities and outcomes from Exceptional Item programs, impacting research and the role it plays in advancing patient care and education in the basic sciences.

UTSW research Exceptional Items provide high value to Texas and have been highly successful. Exceptional Items are leveraged to bring many outstanding researchers from top institutions around the country to UTSW and Texas- as well as many millions of dollars to Texas in new external research funding on an ongoing basis – which fuels economic development. State funding is essential to seed the research infrastructure needed for researchers to be competitive for grants. The additional 10% reduction would restrict UTSW's ability to retain the current level of external dollars brought to Texas and to make life-changing and cost-saving discoveries for Texans. Current Exceptional Item funding totals \$45.9M per year. An effective 14% reduction would result in the loss of \$6.4M per year in critical research support, which pays dividends many times over to the State. Based on UTSW's historical 9 to 1 return for every State research \$1 invested, an annual loss of \$57.9M can eventually be expected as a result of this reduction.

Additional information on the specific impact to date on research and advances in patient care enabled by UTSW's Exceptional Item support can be found in each items description in Schedule 9.

Reducing by another 10% our clinical care item, the Regional Burn Center, would inhibit our ability to serve the injured. Reducing our "STARS" exceptional item, which

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helps science teachers from hundreds of Texas public schools be more effective teachers, would impact science education for their middle and high-school students. The FY12-13 reduction to our Primary Care Residency Training item reduced the number of residents supported. A further reduction would lead to more Texas medical school graduates seeking residency training out of state, reduce our capacity to provide indigent care and our ability to help address one of the most pressing areas of physician shortage in Texas.

CONCLUSION

UTSW greatly appreciates the State's support and respectfully requests the additional outlined support. With sufficient funding, UTSW can continue to deliver tremendous ROI on the State's investment – training a remarkable number of medical and other practicing healthcare professions for Texas and more successfully retain its star faculty, recruit and develop more recognized faculty to further increase Texas' fitting claim as a research leader and destination for the best and brightest from around the world.

UTSW also supports statewide funding policies for HRIs that provide the resources necessary to develop a world-class healthcare and research workforce; enhance research capacity; expand the Texas economy through technology and improve the quality and availability of healthcare for Texans. Objective measures demonstrate UTSW provides exceptional value to Texas per State dollar received, and UTSW pledges to continue to return the State's investment many times over, while assuring quality education and health services for future generations.

The University of Texas System is governed by a Board of Regents.

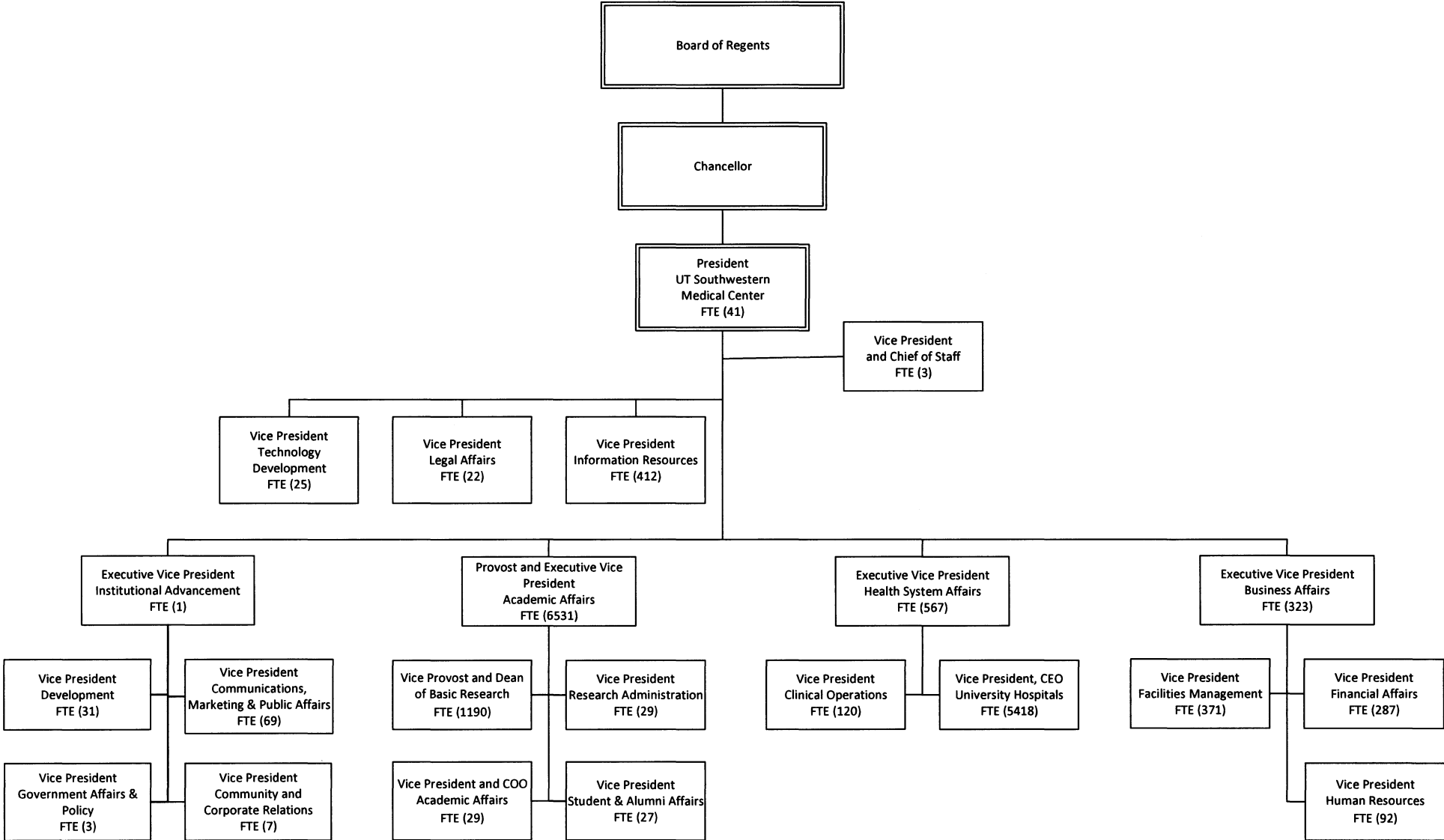
AGENCY STATUTORY AUTHORITY TO CONDUCT BACKGROUND CHECKS

The statutory authority for conducting background checks is Government Code Section 411.094 and Education Code section 51.215. UTSW Human Resources Policy Memorandum 1.020 states:

"Positions shall be designated as security-sensitive if they are senior level administrator positions, or positions with authority for committing the financial resources of the university, or if duties of the position include handling currency, access to a computer, access to a master key, patient care, child-care in a child-care facility, access to or responsibility for pharmaceuticals, other controlled substances or hazardous substances, or the shipping, transporting, possession, receipt or access to any select agent (as defined in 18 U.S.C. Section 175b) or provide access to an area in which such agents are stored, used, disposed of, or present, or access to an area of the institution which has been designated as a security sensitive area. A criminal background check will be performed on the finalist for a security sensitive position, and if circumstances require that an offer of employment be made before the completion of an investigation, the offer will be in writing and include the following: This offer is contingent on the completion of a satisfactory criminal background investigation. An individual will not begin work until completion of a background check and determination by the Office of Human Resources that the individual's background is suitable for employment."

Background checks for UTSW are run through a third party, GroupOne Services, Inc., a division of the DFW Hospital Council. Information provided to UTSW by GroupOne Services include criminal history (Dallas Co., Tarrant Co. and TX DPS), educational history, employment history, address verification, address locator, verification of licensure, motor vehicle record (if required for job), terrorist suspect/OFAC list, social security verification, state Medicaid sanctions, OIG Medicare sanctions and individually selected federal searches if the candidate has lived outside Texas.

UT Southwestern Medical Center Organizational Chart



**THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER
LEGISLATIVE APPROPRIATIONS FOR FY 2018 – 2019
MANAGEMENT STRUCTURE OF AGENCY**

President – leads the medical center which includes three degree-granting institutions: UT Southwestern Medical School, UT Southwestern Graduate School of Biomedical Sciences, and UT Southwestern Allied Health Sciences School as well as the University Hospitals and physician practice plan. The President leads one of the country's leading academic medical centers, patient-care providers and research institutions.

Vice President and Chief of Staff – key adviser to the president, working with faculty and staff on a wide range of issues as his personal representative and will collaborate on a regular basis with other members of the senior leadership team, in a number of areas, most notably the implementation of plans emerging from the several task forces focused on the strategic priorities.

Vice President for Community and Corporate Relations – serves as the principal administrative officer for community and corporate relations for UT Southwestern and represents UT Southwestern in community and corporate relations support activities as well as coordinating and facilitating community and corporate relations activities which affect UT Southwestern.

Vice President for Technology Development – serves as the principal administrative officer for technology development for UT Southwestern and is responsible for participating in administrative consideration of all policies, plans, and programs relating to technology development of intellectual property at UT Southwestern, representing UT Southwestern on matters pertaining to technology development, and coordinating and facilitating the development of technology at UT Southwestern.

Vice President for Legal Affairs – serves as the administrative officer for legal affairs of UT Southwestern, including the representation of UT Southwestern in legal matters, on and off campus. The Vice President of Legal Affairs is also responsible for coordinating and facilitating legal and technology transfer matters with UT System administration, including the Office of General Counsel, and coordinating with the Office of the Attorney General and outside counsel as needed.

Vice President for Government Affairs & Policy – serves as the administrative officer for government affairs and policy for UT Southwestern.

Vice President for Communications, Marketing and Public Affairs – serves as the administrative officer for communications, marketing and public affairs for UT Southwestern.

Vice President for Development – responsible for the oversight of the Office of Development, which receives gift donations and keeps records of all gifts donated to UT Southwestern and works to enlist new donors.

Vice President for Information Resources – responsible for the support of UT Southwestern Medical Center, including its Hospitals and Clinics, by providing computing, networking, audiovisual, voice and data telecommunication, and television services to all client organizations.

**THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER
LEGISLATIVE APPROPRIATIONS FOR FY 2018 – 2019
MANAGEMENT STRUCTURE OF AGENCY**

Provost and Executive Vice President for Academic Affairs – serves as the principal executive and administrative officer for all academically related operations of UT Southwestern, including oversight for UT Southwestern’s three schools.

Executive Vice President for Health System Affairs – responsible for the overall management of university outpatient clinics, University Hospitals, and the integrated health system, as well as faculty practice operations.

Executive Vice President for Business Affairs – serves as the principal executive and administrative officer for all business related operations of UT Southwestern, including oversight of such departments as financial affairs, human resources, facilities management and university police.

Executive Vice President for Institutional Advancement – responsible for developing and overseeing a comprehensive and coordinated strategic agenda to promote and advance UT Southwestern’s mission and goals, including oversight of communications, marketing and public affairs, community and corporate relations, development, and government affairs and policy.

Vice President for Student & Alumni Affairs – leads The Office of Student and Alumni Affairs, which is responsible for providing students with support from the beginning of an application for admission until long after graduation. Many of the services provided include admissions, student records, financial aid, student life and support services.

Vice Provost and Dean of Basic Research – responsible for oversight of the graduate school, maintaining leadership of the highest quality for our basic science efforts, fostering a scientific environment of excellence by promoting our strategic initiatives, and assuring that UT Southwestern stays at the forefront of research technologies.

Vice President for Research Administration – leads The Office of Research Administration, which is responsible for supporting and promoting research conducted by UT Southwestern faculty, staff, and students at our medical center and in our partner hospitals.

Vice President for Clinical Operations – has responsibility for the development, review and recommendation of “best practices” for primary care and specialty services through the clinical services initiative which was established to lead UT Southwestern’s plan for transforming patient care.

Vice President and CEO for University Hospitals – serves as the principal executive and administrative officer for the University Hospitals.

Vice President for Financial Affairs – responsible for oversight of fiscally related operations such as accounting, budget, financial planning, and purchasing.

**THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER
LEGISLATIVE APPROPRIATIONS FOR FY 2018 – 2019
MANAGEMENT STRUCTURE OF AGENCY**

Vice President for Facilities Management – responsible for the support of UT Southwestern Medical Center, including its Hospitals and Clinics, by providing general services, building maintenance, utilities services, planning, design and construction, site wide services, and landscaping services to the medical center.

Vice President for Human Resources – responsible for the oversight of the Office of Human Resources, which is responsible for employee relations, compensation and performance management, organization development and training, and recruitment and retention of employees.

Budget Overview - Biennial Amounts
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center
Appropriation Years: 2018-19

	GENERAL REVENUE FUNDS		GR DEDICATED		FEDERAL FUNDS		OTHER FUNDS		ALL FUNDS		EXCEPTIONAL ITEM FUNDS
	2016-17	2018-19	2016-17	2018-19	2016-17	2018-19	2016-17	2018-19	2016-17	2018-19	2018-19
Goal: 1. Provide Instructional and Operations Support											
1.1.1. Medical Education	123,035,921		7,647,185						130,683,106		
1.1.2. Biomedical Sciences Training	11,159,354		778,600						11,937,954		
1.1.3. Allied Health Professions Training	7,760,619		377,093						8,137,712		
1.1.4. Graduate Medical Education	20,751,442								20,751,442		
1.2.1. Staff Group Insurance Premiums			2,323,680	2,437,360					2,323,680	2,437,360	
1.3.1. Texas Public Education Grants			2,477,918	2,496,396					2,477,918	2,496,396	
Total, Goal	162,707,336		13,604,476	4,933,756					176,311,812	4,933,756	
Goal: 2. Provide Research Support											
2.1.1. Research Enhancement	7,381,197		358,552						7,739,749		
Total, Goal	7,381,197		358,552						7,739,749		
Goal: 3. Provide Infrastructure Support											
3.1.1. E&G Space Support	19,679,391		658,274						20,337,665		
3.2.1. Tuition Revenue Bond Retirement	30,853,694	37,040,262							30,853,694	37,040,262	
Total, Goal	50,533,085	37,040,262	658,274						51,191,359	37,040,262	

Budget Overview - Biennial Amounts
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center
Appropriation Years: 2018-19

	GENERAL REVENUE FUNDS		GR DEDICATED		FEDERAL FUNDS		OTHER FUNDS		ALL FUNDS		EXCEPTIONAL ITEM FUNDS
	2016-17	2018-19	2016-17	2018-19	2016-17	2018-19	2016-17	2018-19	2016-17	2018-19	2018-19
Goal: 4. Provide Special Item Support											
4.1.1. Primary Care Residency Training	2,367,388	2,272,692							2,367,388	2,272,692	
4.2.1. Institute For Nobel/Na Bio Research	12,533,734	12,032,384	57,165						12,590,899	12,032,384	
4.2.2. Innovations In Med Technology	13,679,416	13,132,240	127,392						13,806,808	13,132,240	
4.2.3. Metroplex Comp Med Imaging Center	11,399,983	10,943,984	58,579						11,458,562	10,943,984	
4.2.4. Cntr Obesity, Diabetes & Metab Rsch	13,679,985	13,132,790	69,086						13,749,071	13,132,790	
4.2.6. Center For Research Of Sickle Cell	2,279,984	2,188,782	10,545						2,290,529	2,188,782	
4.2.7. Tx Inst For Brain Injury And Repair	15,000,000	14,400,000	27,923						15,027,923	14,400,000	15,000,000
4.2.8. Center For Reg. Science & Medicine	16,000,000	15,360,000	4,314						16,004,314	15,360,000	
4.2.9. Center For Adv Radiation Therapy	2,000,000	1,920,000	981						2,000,981	1,920,000	40,000,000
4.3.1. Regional Burn Care Center	189,984	182,384	470						190,454	182,384	
4.4.1. Science Teacher Access To Resources	1,139,985	1,094,384	10,320						1,150,305	1,094,384	
4.5.1. Institutional Enhancement	1,519,984	1,459,184	9,712						1,529,696	1,459,184	
Total, Goal	91,790,443	88,118,824	376,487						92,166,930	88,118,824	55,000,000
Goal: 6. Tobacco Funds											
6.1.1. Tobacco Earnings - Ut Swmc							6,635,490	6,120,000	6,635,490	6,120,000	
6.1.2. Tobacco - Permanent Health Fund							5,831,747	5,369,944	5,831,747	5,369,944	
Total, Goal							12,467,237	11,489,944	12,467,237	11,489,944	
Total, Agency	312,412,061	125,159,086	14,997,789	4,933,756			12,467,237	11,489,944	339,877,087	141,582,786	55,000,000
Total FTEs									1,963.0	1,951.0	150.0

2.A. Summary of Base Request by Strategy

8/9/2016 12:38:12PM

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Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

Goal / Objective / STRATEGY	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
1 Provide Instructional and Operations Support					
1 <i>Instructional Programs</i>					
1 MEDICAL EDUCATION (1)	64,990,928	65,380,919	65,302,187	0	0
2 BIOMEDICAL SCIENCES TRAINING (1)	5,927,181	5,956,478	5,981,476	0	0
3 ALLIED HEALTH PROFESSIONS TRAINING (1)	3,914,079	3,965,287	4,172,425	0	0
4 GRADUATE MEDICAL EDUCATION (1)	7,013,432	10,375,721	10,375,721	0	0
2 <i>Operations - Staff Benefits</i>					
1 STAFF GROUP INSURANCE PREMIUMS	600,503	1,105,000	1,218,680	1,218,680	1,218,680
3 <i>Operations - Statutory Funds</i>					
1 TEXAS PUBLIC EDUCATION GRANTS	1,196,005	1,229,720	1,248,198	1,248,198	1,248,198
2 MEDICAL LOANS	161,381	0	0	0	0
TOTAL, GOAL 1	\$83,803,509	\$88,013,125	\$88,298,687	\$2,466,878	\$2,466,878

2 Provide Research Support

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

2.A. Summary of Base Request by Strategy

8/9/2016 12:38:12PM

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Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

Goal / Objective / STRATEGY	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
<u>1</u> <i>Research Activities</i>					
1 RESEARCH ENHANCEMENT (1)	3,631,357	3,760,587	3,979,162	0	0
TOTAL, GOAL 2	\$3,631,357	\$3,760,587	\$3,979,162	\$0	\$0
<u>3</u> Provide Infrastructure Support					
<u>1</u> <i>Operations and Maintenance</i>					
1 E&G SPACE SUPPORT (1)	10,192,244	10,266,108	10,071,557	0	0
<u>2</u> <i>Infrastructure Support</i>					
1 TUITION REVENUE BOND RETIREMENT	12,330,403	12,333,563	18,520,131	18,520,131	18,520,131
TOTAL, GOAL 3	\$22,522,647	\$22,599,671	\$28,591,688	\$18,520,131	\$18,520,131
<u>4</u> Provide Special Item Support					
<u>1</u> <i>Residency Training Special Items</i>					
1 PRIMARY CARE RESIDENCY TRAINING	1,183,694	1,183,694	1,183,694	1,136,346	1,136,346
<u>2</u> <i>Research Special Items</i>					

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

2.A. Summary of Base Request by Strategy

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Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

Goal / Objective / STRATEGY	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
1 INSTITUTE FOR NOBEL/NA BIO RESEARCH	6,276,742	6,295,390	6,295,509	6,016,192	6,016,192
2 INNOVATIONS IN MED TECHNOLOGY	6,798,379	6,900,651	6,906,157	6,566,120	6,566,120
3 METROPLEX COMP MED IMAGING CENTER	5,731,031	5,730,090	5,728,472	5,471,992	5,471,992
4 CNTR OBESITY, DIABETES & METAB RSCH	6,707,424	6,873,476	6,875,595	6,566,395	6,566,395
6 CENTER FOR RESEARCH OF SICKLE CELL	1,145,930	1,143,417	1,147,112	1,094,391	1,094,391
7 TX INST FOR BRAIN INJURY AND REPAIR	7,469,752	7,514,708	7,513,215	7,200,000	7,200,000
8 CENTER FOR REG. SCIENCE & MEDICINE	0	8,000,000	8,004,314	7,680,000	7,680,000
9 CENTER FOR ADV RADIATION THERAPY	0	1,000,000	1,000,981	960,000	960,000
3 Health Care Special Items					
1 REGIONAL BURN CARE CENTER	95,196	95,227	95,227	91,192	91,192
4 Public Service Special Items					
1 SCIENCE TEACHER ACCESS TO RESOURCES	570,051	575,002	575,303	547,192	547,192
5 Institutional Support Special Items					

2.A. Summary of Base Request by Strategy

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Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

Goal / Objective / STRATEGY	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
1 INSTITUTIONAL ENHANCEMENT	768,232	763,720	765,976	729,592	729,592
TOTAL, GOAL 4	\$36,746,431	\$46,075,375	\$46,091,555	\$44,059,412	\$44,059,412
6 Tobacco Funds					
1 Tobacco Earnings for Eminent Scholars					
1 TOBACCO EARNINGS - UT SWMC	3,093,199	3,438,899	3,196,591	3,060,000	3,060,000
2 TOBACCO - PERMANENT HEALTH FUND	2,920,748	3,024,628	2,807,119	2,684,972	2,684,972
TOTAL, GOAL 6	\$6,013,947	\$6,463,527	\$6,003,710	\$5,744,972	\$5,744,972
TOTAL, AGENCY STRATEGY REQUEST	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393
TOTAL, AGENCY RIDER APPROPRIATIONS REQUEST*				\$0	\$0
GRAND TOTAL, AGENCY REQUEST	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393

2.A. Summary of Base Request by Strategy

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85th Regular Session, Agency Submission, Version 1

Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

Goal / Objective / STRATEGY	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
METHOD OF FINANCING:					
General Revenue Funds:					
1 General Revenue Fund	139,411,638	153,084,715	159,327,346	62,579,543	62,579,543
SUBTOTAL	\$139,411,638	\$153,084,715	\$159,327,346	\$62,579,543	\$62,579,543
General Revenue Dedicated Funds:					
704 Bd Authorized Tuition Inc	399,950	387,200	391,400	0	0
770 Est Oth Educ & Gen Inco	6,892,356	6,976,843	7,242,346	2,466,878	2,466,878
SUBTOTAL	\$7,292,306	\$7,364,043	\$7,633,746	\$2,466,878	\$2,466,878
Other Funds:					
810 Permanent Health Fund Higher Ed	2,920,748	3,024,628	2,807,119	2,684,972	2,684,972
813 Permanent Endowment FD UT SW MED	3,093,199	3,438,899	3,196,591	3,060,000	3,060,000
SUBTOTAL	\$6,013,947	\$6,463,527	\$6,003,710	\$5,744,972	\$5,744,972
TOTAL, METHOD OF FINANCING	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393

*Rider appropriations for the historical years are included in the strategy amounts.

2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: **729** Agency name: **The University of Texas Southwestern Medical Center**

METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
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GENERAL REVENUE

1 General Revenue Fund

REGULAR APPROPRIATIONS

Regular Appropriations from MOF Table (2014-15 GAA)

\$139,411,638	\$0	\$0	\$0	\$0
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Regular Appropriations from MOF Table (2016-17 GAA)

\$0	\$153,084,715	\$153,139,690	\$0	\$0
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Regular Appropriations from MOF Table

\$0	\$0	\$0	\$56,391,887	\$56,391,887
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TRANSFERS

THECB Rider 71/HB 100 Tuition Revenue Bond

\$0	\$0	\$6,187,656	\$6,187,656	\$6,187,656
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TOTAL, General Revenue Fund

\$139,411,638	\$153,084,715	\$159,327,346	\$62,579,543	\$62,579,543
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TOTAL, ALL GENERAL REVENUE

\$139,411,638	\$153,084,715	\$159,327,346	\$62,579,543	\$62,579,543
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GENERAL REVENUE FUND - DEDICATED

2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: **729** Agency name: **The University of Texas Southwestern Medical Center**

METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
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GENERAL REVENUE FUND - DEDICATED

704 GR Dedicated - Estimated Board Authorized Tuition Increases Account No. 704

REGULAR APPROPRIATIONS

Regular Appropriations from MOF Table (2014-15 GAA)

\$409,700	\$0	\$0	\$0	\$0
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Regular Appropriations from MOF Table (2016-17 GAA)

\$0	\$349,425	\$349,425	\$0	\$0
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BASE ADJUSTMENT

Revised Receipts

\$(9,750)	\$37,775	\$41,975	\$0	\$0
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TOTAL, GR Dedicated - Estimated Board Authorized Tuition Increases Account No. 704

\$399,950	\$387,200	\$391,400	\$0	\$0
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770 GR Dedicated - Estimated Other Educational and General Income Account No. 770

REGULAR APPROPRIATIONS

Regular Appropriations from MOF Table (2014-15 GAA)

\$6,081,820	\$0	\$0	\$0	\$0
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Regular Appropriations from MOF Table (2016-17 GAA)

2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
<u>GENERAL REVENUE FUND - DEDICATED</u>					
	\$0	\$7,103,653	\$7,103,654	\$0	\$0
Regular Appropriations from MOF Table	\$0	\$0	\$0	\$2,466,878	\$2,466,878
<i>BASE ADJUSTMENT</i>					
Revised Receipts	\$810,536	\$(126,810)	\$138,692	\$0	\$0
TOTAL, GR Dedicated - Estimated Other Educational and General Income Account No. 770	\$6,892,356	\$6,976,843	\$7,242,346	\$2,466,878	\$2,466,878
TOTAL GENERAL REVENUE FUND - DEDICATED - 704, 708 & 770	\$7,292,306	\$7,364,043	\$7,633,746	\$2,466,878	\$2,466,878
TOTAL, ALL GENERAL REVENUE FUND - DEDICATED	\$7,292,306	\$7,364,043	\$7,633,746	\$2,466,878	\$2,466,878
TOTAL, GR & GR-DEDICATED FUNDS	\$146,703,944	\$160,448,758	\$166,961,092	\$65,046,421	\$65,046,421

OTHER FUNDS

810 Permanent Health Fund for Higher Education
REGULAR APPROPRIATIONS

2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: **729**

Agency name: **The University of Texas Southwestern Medical Center**

METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
<u>OTHER FUNDS</u>					
Regular Appropriations from MOF Table (2014-15 GAA)	\$2,742,759	\$0	\$0	\$0	\$0
Regular Appropriations from MOF Table (2016-17 GAA)	\$0	\$2,676,419	\$2,676,419	\$0	\$0
Regular Appropriations from MOF Table	\$0	\$0	\$0	\$2,684,972	\$2,684,972
<i>RIDER APPROPRIATION</i>					
Estimated Unexpended Balances, Rider 3 for UT Southwestern Medical Center Appropriations	\$616,588	\$486,746	\$121,687	\$0	\$0
Estimated Unexpended Balances, Rider 3 for UT Southwestern Medical Center Appropriations	\$(486,746)	\$(121,687)	\$0	\$0	\$0
<i>BASE ADJUSTMENT</i>					
Revised Receipts - Distribution	\$44,467	\$(17,770)	\$8,553	\$0	\$0

2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: **729** Agency name: **The University of Texas Southwestern Medical Center**

METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
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OTHER FUNDS

Revised Receipts - Interest

	\$3,680	\$920	\$460	\$0	\$0
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TOTAL, Permanent Health Fund for Higher Education

	\$2,920,748	\$3,024,628	\$2,807,119	\$2,684,972	\$2,684,972
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813 Permanent Endowment Fund, UT Southwestern Medical Center at Dallas

REGULAR APPROPRIATIONS

Regular Appropriations from MOF Table (2014-15 GAA)

	\$2,865,000	\$0	\$0	\$0	\$0
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Regular Appropriations from MOF Table (2016-17 GAA)

	\$0	\$2,985,000	\$2,985,000	\$0	\$0
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Regular Appropriations from MOF Table

	\$0	\$0	\$0	\$3,060,000	\$3,060,000
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RIDER APPROPRIATION

Estimated Unexpended Balances, Rider 3 for UT Southwestern Medical Center Appropriations

	\$644,068	\$542,866	\$135,716	\$0	\$0
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2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: 729		Agency name: The University of Texas Southwestern Medical Center			
METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
<u>OTHER FUNDS</u>					
Estimated Unexpended Balances, Rider 3 for UT Southwestern Medical Center Appropriations					
	\$ (542,866)	\$ (135,716)	\$ 0	\$ 0	\$ 0
<i>BASE ADJUSTMENT</i>					
Revised Receipts - Distribution					
	\$ 120,000	\$ 45,000	\$ 75,000	\$ 0	\$ 0
Revised Receipts - Interest					
	\$ 6,997	\$ 1,749	\$ 875	\$ 0	\$ 0
TOTAL,	Permanent Endowment Fund, UT Southwestern Medical Center at Dallas				
	\$ 3,093,199	\$ 3,438,899	\$ 3,196,591	\$ 3,060,000	\$ 3,060,000
TOTAL, ALL	OTHER FUNDS				
	\$ 6,013,947	\$ 6,463,527	\$ 6,003,710	\$ 5,744,972	\$ 5,744,972
GRAND TOTAL	\$ 152,717,891	\$ 166,912,285	\$ 172,964,802	\$ 70,791,393	\$ 70,791,393

2.B. Summary of Base Request by Method of Finance
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:38:41PM

Agency code: 729	Agency name: The University of Texas Southwestern Medical Center				
METHOD OF FINANCING	Exp 2015	Est 2016	Bud 2017	Req 2018	Req 2019
FULL-TIME-EQUIVALENT POSITIONS					
REGULAR APPROPRIATIONS					
Regular Appropriations from MOF Table (2014-15 GAA)	1,746.5	0.0	0.0	0.0	0.0
Regular Appropriations from MOF Table (2016-17 GAA)	0.0	1,858.0	1,858.0	0.0	0.0
Regular Appropriation	0.0	0.0	0.0	1,951.0	1,951.0
RIDER APPROPRIATION					
Art IX, Sec 6.10(a)(2), Board or Administrator FTE Adjustment (2014-15 GAA)	50.0	0.0	0.0	0.0	0.0
Art IX, Sec 6.10(a)(2), Board or Administrator FTE Adjustment (2016-17 GAA)	0.0	50.0	50.0	0.0	0.0
UNAUTHORIZED NUMBER OVER (BELOW) CAP					
Unauthorized Number Over (Below) Cap	74.7	55.0	55.0	0.0	0.0
TOTAL, ADJUSTED FTES	1,871.2	1,963.0	1,963.0	1,951.0	1,951.0
NUMBER OF 100% FEDERALLY FUNDED FTES	0.0	0.0	0.0	0.0	0.0

2.C. Summary of Base Request by Object of Expense
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:39:13PM

729 The University of Texas Southwestern Medical Center

OBJECT OF EXPENSE	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
1001 SALARIES AND WAGES	\$80,299,159	\$82,752,439	\$82,746,382	\$17,399,548	\$17,399,548
1002 OTHER PERSONNEL COSTS	\$2,629,526	\$3,400,965	\$3,353,490	\$2,078,250	\$2,078,250
1005 FACULTY SALARIES	\$52,270,200	\$62,531,814	\$62,510,568	\$28,709,168	\$28,709,168
2001 PROFESSIONAL FEES AND SERVICES	\$7,461	\$8,169	\$7,591	\$7,740	\$7,740
2003 CONSUMABLE SUPPLIES	\$43,227	\$46,502	\$43,195	\$44,308	\$44,308
2004 UTILITIES	\$45,019	\$49,107	\$45,628	\$46,584	\$46,584
2006 RENT - BUILDING	\$1,110	\$1,234	\$1,147	\$1,164	\$1,164
2008 DEBT SERVICE	\$12,330,403	\$12,333,563	\$18,520,131	\$18,520,131	\$18,520,131
2009 OTHER OPERATING EXPENSE	\$5,070,064	\$5,764,343	\$5,714,222	\$3,961,727	\$3,961,727
5000 CAPITAL EXPENDITURES	\$21,722	\$24,149	\$22,448	\$22,773	\$22,773
OOE Total (Excluding Riders)	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393
OOE Total (Riders)					
Grand Total	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393

2.D. Summary of Base Request Objective Outcomes
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation system of Texas (ABEST)

8/3/2016 11:43:22AM

729 The University of Texas Southwestern Medical Center

Goal/ Objective / Outcome	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
1 Provide Instructional and Operations Support					
1 Instructional Programs					
KEY 1 % Medical School Students Passing NLE Part 1 or Part 2 on First Try	97.91%	95.00%	95.00%	95.00%	95.00%
KEY 2 % Medical School Graduates Practicing Primary Care in Texas	14.56%	14.00%	14.00%	14.00%	14.00%
3 % Med School Grads Practicing Primary Care in Texas Underserved Area	0.92%	2.00%	2.00%	2.00%	2.00%
KEY 4 Percent of Medical Residency Completers Practicing in Texas	58.71%	60.00%	60.00%	60.00%	60.00%
5 Total Uncompensated Care Provided by Faculty	106,818,622.00	112,572,666.00	118,718,514.00	119,905,699.00	121,104,756.00
6 Total Net Patient Revenue by Faculty	470,766,599.00	523,960,000.00	565,449,473.00	619,225,306.00	662,006,139.00
KEY 7 Percent Allied Health Grads Passing Certif/Licensure Exam First Try	94.53%	93.00%	93.00%	93.00%	93.00%
KEY 8 Percent Allied Health Graduates Licensed or Certified in Texas	77.39%	85.00%	85.00%	85.00%	85.00%
KEY 9 Administrative (Instit Support) Cost As % of Total Expenditures	2.52%	2.38%	2.32%	2.25%	2.25%
KEY 12 % Medical School Graduates Practicing in Texas	52.53%	53.00%	53.00%	53.00%	53.00%

2.D. Summary of Base Request Objective Outcomes
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation system of Texas (ABEST)

8/3/2016 11:43:22AM

729 The University of Texas Southwestern Medical Center

Goal/ Objective / Outcome	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
2 Provide Research Support					
1 Research Activities					
KEY 1 Total External Research Expenditures	305,273,443.00	316,212,936.00	327,946,134.00	339,456,981.00	351,398,871.00
2 External Research Expends As % of State Appropriations for Research	739.19%	760.32%	788.54%	816.21%	844.93%
3 Research Expenditures Supported by the Hughes Institute and VA Center	20,015,453.00	21,000,000.00	21,000,000.00	21,000,000.00	21,000,000.00

2.E. Summary of Exceptional Items Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/1/2016
 TIME : 8:28:31AM

Agency code: 729

Agency name: **The University of Texas Southwestern Medical Center**

Priority	Item	2018			2019			Biennium	
		GR and GR/GR Dedicated	All Funds	FTEs	GR and GR Dedicated	All Funds	FTEs	GR and GR Dedicated	All Funds
1	Texas Center Adv Radiation Therapy	\$20,000,000	\$20,000,000	75.0	\$20,000,000	\$20,000,000	75.0	\$40,000,000	\$40,000,000
2	TX Inst. for Brain Inj. & Repair	\$7,500,000	\$7,500,000	75.0	\$7,500,000	\$7,500,000	75.0	\$15,000,000	\$15,000,000
Total, Exceptional Items Request		\$27,500,000	\$27,500,000	150.0	\$27,500,000	\$27,500,000	150.0	\$55,000,000	\$55,000,000
Method of Financing									
	General Revenue	\$27,500,000	\$27,500,000		\$27,500,000	\$27,500,000		\$55,000,000	\$55,000,000
	General Revenue - Dedicated								
	Federal Funds								
	Other Funds								
		\$27,500,000	\$27,500,000		\$27,500,000	\$27,500,000		\$55,000,000	\$55,000,000
Full Time Equivalent Positions				150.0				150.0	
Number of 100% Federally Funded FTEs				0.0				0.0	

2.F. Summary of Total Request by Strategy
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE : 8/9/2016
 TIME : 12:40:45PM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Goal/Objective/STRATEGY	Base 2018	Base 2019	Exceptional 2018	Exceptional 2019	Total Request 2018	Total Request 2019
1 Provide Instructional and Operations Support						
<i>1 Instructional Programs</i>						
1 MEDICAL EDUCATION	\$0	\$0	\$0	\$0	\$0	\$0
2 BIOMEDICAL SCIENCES TRAINING	0	0	0	0	0	0
3 ALLIED HEALTH PROFESSIONS TRAINING	0	0	0	0	0	0
4 GRADUATE MEDICAL EDUCATION	0	0	0	0	0	0
<i>2 Operations - Staff Benefits</i>						
1 STAFF GROUP INSURANCE PREMIUMS	1,218,680	1,218,680	0	0	1,218,680	1,218,680
<i>3 Operations - Statutory Funds</i>						
1 TEXAS PUBLIC EDUCATION GRANTS	1,248,198	1,248,198	0	0	1,248,198	1,248,198
2 MEDICAL LOANS	0	0	0	0	0	0
TOTAL, GOAL 1	\$2,466,878	\$2,466,878	\$0	\$0	\$2,466,878	\$2,466,878
2 Provide Research Support						
<i>1 Research Activities</i>						
1 RESEARCH ENHANCEMENT	0	0	0	0	0	0
TOTAL, GOAL 2	\$0	\$0	\$0	\$0	\$0	\$0
3 Provide Infrastructure Support						
<i>1 Operations and Maintenance</i>						
1 E&G SPACE SUPPORT	0	0	0	0	0	0
<i>2 Infrastructure Support</i>						
1 TUITION REVENUE BOND RETIREMENT	18,520,131	18,520,131	0	0	18,520,131	18,520,131
TOTAL, GOAL 3	\$18,520,131	\$18,520,131	\$0	\$0	\$18,520,131	\$18,520,131

2.F. Summary of Total Request by Strategy
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE : 8/9/2016
 TIME : 12:40:45PM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Goal/Objective/STRATEGY	Base 2018	Base 2019	Exceptional 2018	Exceptional 2019	Total Request 2018	Total Request 2019
4 Provide Special Item Support						
<i>1 Residency Training Special Items</i>						
1 PRIMARY CARE RESIDENCY TRAINING	\$1,136,346	\$1,136,346	\$0	\$0	\$1,136,346	\$1,136,346
<i>2 Research Special Items</i>						
1 INSTITUTE FOR NOBEL/NA BIO RESEARCH	6,016,192	6,016,192	0	0	6,016,192	6,016,192
2 INNOVATIONS IN MED TECHNOLOGY	6,566,120	6,566,120	0	0	6,566,120	6,566,120
3 METROPLEX COMP MED IMAGING CENTER	5,471,992	5,471,992	0	0	5,471,992	5,471,992
4 CNTR OBESITY, DIABETES & METAB RSCH	6,566,395	6,566,395	0	0	6,566,395	6,566,395
6 CENTER FOR RESEARCH OF SICKLE CELL	1,094,391	1,094,391	0	0	1,094,391	1,094,391
7 TX INST FOR BRAIN INJURY AND REPAIR	7,200,000	7,200,000	7,500,000	7,500,000	14,700,000	14,700,000
8 CENTER FOR REG. SCIENCE & MEDICINE	7,680,000	7,680,000	0	0	7,680,000	7,680,000
9 CENTER FOR ADV RADIATION THERAPY	960,000	960,000	20,000,000	20,000,000	20,960,000	20,960,000
<i>3 Health Care Special Items</i>						
1 REGIONAL BURN CARE CENTER	91,192	91,192	0	0	91,192	91,192
<i>4 Public Service Special Items</i>						
1 SCIENCE TEACHER ACCESS TO RESOURCES	547,192	547,192	0	0	547,192	547,192
<i>5 Institutional Support Special Items</i>						
1 INSTITUTIONAL ENHANCEMENT	729,592	729,592	0	0	729,592	729,592
TOTAL, GOAL 4	\$44,059,412	\$44,059,412	\$27,500,000	\$27,500,000	\$71,559,412	\$71,559,412

2.F. Summary of Total Request by Strategy
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE : 8/9/2016
 TIME : 12:40:45PM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Goal/Objective/STRATEGY	Base 2018	Base 2019	Exceptional 2018	Exceptional 2019	Total Request 2018	Total Request 2019
6 Tobacco Funds						
1 Tobacco Earnings for Eminent Scholars						
1 TOBACCO EARNINGS - UT SWMC	\$3,060,000	\$3,060,000	\$0	\$0	\$3,060,000	\$3,060,000
2 TOBACCO - PERMANENT HEALTH FUND	2,684,972	2,684,972	0	0	2,684,972	2,684,972
TOTAL, GOAL 6	\$5,744,972	\$5,744,972	\$0	\$0	\$5,744,972	\$5,744,972
TOTAL, AGENCY STRATEGY REQUEST	\$70,791,393	\$70,791,393	\$27,500,000	\$27,500,000	\$98,291,393	\$98,291,393
TOTAL, AGENCY RIDER APPROPRIATIONS REQUEST						
GRAND TOTAL, AGENCY REQUEST	\$70,791,393	\$70,791,393	\$27,500,000	\$27,500,000	\$98,291,393	\$98,291,393

2.F. Summary of Total Request by Strategy
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE : 8/9/2016
 TIME : 12:40:45PM

Agency code: 729		Agency name: The University of Texas Southwestern Medical Center				
Goal/Objective/STRATEGY	Base 2018	Base 2019	Exceptional 2018	Exceptional 2019	Total Request 2018	Total Request 2019
General Revenue Funds:						
1 General Revenue Fund	\$62,579,543	\$62,579,543	\$27,500,000	\$27,500,000	\$90,079,543	\$90,079,543
	\$62,579,543	\$62,579,543	\$27,500,000	\$27,500,000	\$90,079,543	\$90,079,543
General Revenue Dedicated Funds:						
704 Bd Authorized Tuition Inc	0	0	0	0	0	0
770 Est Oth Educ & Gen Inco	2,466,878	2,466,878	0	0	2,466,878	2,466,878
	\$2,466,878	\$2,466,878	\$0	\$0	\$2,466,878	\$2,466,878
Other Funds:						
810 Permanent Health Fund Higher Ed	2,684,972	2,684,972	0	0	2,684,972	2,684,972
813 Permanent Endowment FD UT SW MED	3,060,000	3,060,000	0	0	3,060,000	3,060,000
	\$5,744,972	\$5,744,972	\$0	\$0	\$5,744,972	\$5,744,972
TOTAL, METHOD OF FINANCING	\$70,791,393	\$70,791,393	\$27,500,000	\$27,500,000	\$98,291,393	\$98,291,393
FULL TIME EQUIVALENT POSITIONS	1,951.0	1,951.0	150.0	150.0	2,101.0	2,101.0

2.G. Summary of Total Request Objective Outcomes
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation system of Texas (ABEST)

Date : 8/1/2016
 Time: 3:08:18PM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Goal/ Objective / Outcome

	BL 2018	BL 2019	Excp 2018	Excp 2019	Total Request 2018	Total Request 2019
1 Provide Instructional and Operations Support						
1 <i>Instructional Programs</i>						
KEY 1 % Medical School Students Passing NLE Part 1 or Part 2 on First Try	95.00%	95.00%			95.00%	95.00%
KEY 2 % Medical School Graduates Practicing Primary Care in Texas	14.00%	14.00%			14.00%	14.00%
3 % Med School Grads Practicing Primary Care in Texas Underserved Area	2.00%	2.00%			2.00%	2.00%
KEY 4 Percent of Medical Residency Completers Practicing in Texas	60.00%	60.00%			60.00%	60.00%
5 Total Uncompensated Care Provided by Faculty	119,905,699.00	121,104,756.00			119,905,699.00	121,104,756.00
6 Total Net Patient Revenue by Faculty	619,225,306.00	662,006,139.00			619,225,306.00	662,006,139.00
KEY 7 Percent Allied Health Grads Passing Certif/Licensure Exam First Try	93.00%	93.00%			93.00%	93.00%
KEY 8 Percent Allied Health Graduates Licensed or Certified in Texas	85.00%	85.00%			85.00%	85.00%

2.G. Summary of Total Request Objective Outcomes
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation system of Texas (ABEST)

Date : 8/1/2016
 Time: 3:08:18PM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Goal/ Objective / Outcome

	BL 2018	BL 2019	Excp 2018	Excp 2019	Total Request 2018	Total Request 2019
KEY 9 Administrative (Instit Support) Cost As % of Total Expenditures	2.25%	2.25%			2.25%	2.25%
KEY 12 % Medical School Graduates Practicing in Texas	53.00%	53.00%			53.00%	53.00%
2 Provide Research Support						
1 <i>Research Activities</i>						
KEY 1 Total External Research Expenditures	339,456,981.00	351,398,871.00			339,456,981.00	351,398,871.00
2 External Research Expend As % of State Appropriations for Research	816.21%	844.93%			816.21%	844.93%
3 Research Expenditures Supported by the Hughes Institute and VA Center	21,000,000.00	21,000,000.00			21,000,000.00	21,000,000.00

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 1 Instructional Programs
 STRATEGY: 1 Medical Education

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
Output Measures:						
	1 Minority Graduates as a Percent of Total Graduates (All Schools)	12.42 %	13.00 %	13.00 %	13.00 %	13.00 %
	2 Minority Graduates As a Percent of Total MD/DO Graduates	15.29 %	16.00 %	16.00 %	16.00 %	16.00 %
	3 Total Number of Outpatient Visits	2,246,682.00	2,582,257.00	2,646,369.00	2,710,016.00	2,777,834.00
	4 Total Number of Inpatient Days	539,443.00	598,273.00	622,728.00	637,774.00	652,433.00
	5 Total Number of Postdoctoral Research Trainees (All Schools)	400.00	400.00	400.00	400.00	400.00
KEY	7 Number of Combined MD/PhD Graduates	14.00	11.00	11.00	11.00	11.00
Efficiency Measures:						
KEY	1 Avg Cost of Resident Undergraduate Tuition and Fees for 15 Sch	0.00	0.00	0.00	0.00	0.00
Explanatory/Input Measures:						
KEY	1 Minority Admissions As % of Total First-year Admissions (All Schools)	8.25 %	11.00 %	11.00 %	11.00 %	11.00 %
KEY	2 Minority MD Admissions As % of Total MD Admissions	8.75 %	15.00 %	15.00 %	15.00 %	15.00 %
KEY	3 % Medical School Graduates Entering a Primary Care Residency	48.94 %	49.00 %	49.00 %	49.00 %	49.00 %

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 1 Instructional Programs
 STRATEGY: 1 Medical Education

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
KEY 4	Average Student Loan Debt	109,350.00	110,000.00	110,000.00	110,000.00	110,000.00
KEY 5	Percent of Medical School Graduates with Student Loan Debt	68.94 %	70.00 %	70.00 %	70.00 %	70.00 %
KEY 6	Average Financial Aid Award Per Full-time Student	0.00	0.00	0.00	0.00	0.00
KEY 7	Percent of Full-time Students Receiving Financial Aid	0.00 %	0.00 %	0.00 %	0.00 %	0.00 %
Objects of Expense:						
1001	SALARIES AND WAGES	\$49,626,201	\$49,743,558	\$49,825,257	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$931,447	\$1,096,813	\$977,203	\$0	\$0
1005	FACULTY SALARIES	\$14,433,280	\$14,540,548	\$14,499,727	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$64,990,928	\$65,380,919	\$65,302,187	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$62,433,304	\$61,838,245	\$61,197,676	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$62,433,304	\$61,838,245	\$61,197,676	\$0	\$0
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$2,557,624	\$3,542,674	\$4,104,511	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$2,557,624	\$3,542,674	\$4,104,511	\$0	\$0

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 1 Instructional Programs

Service Categories:

STRATEGY: 1 Medical Education

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$64,990,928	\$65,380,919	\$65,302,187	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		677.8	636.6	637.9	644.0	644.0

STRATEGY DESCRIPTION AND JUSTIFICATION:

The Instruction and Operations Formula provides funding for faculty salaries, departmental operating expense, library, instructional administration, student services and institutional support. The formula for this strategy is based on weighted medical student headcounts. The rate per weighted student headcount or full time equivalent is established by the Legislature each biennium.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 1 Instructional Programs
 STRATEGY: 1 Medical Education

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$130,683,106	\$0	\$(130,683,106)	\$(130,683,106)	Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.
			<u>\$(130,683,106)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 1 Instructional Programs
 STRATEGY: 2 Graduate Training in Biomedical Sciences

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
Objects of Expense:						
1001	SALARIES AND WAGES	\$2,252,329	\$2,263,462	\$2,272,961	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$24,894	\$25,017	\$25,122	\$0	\$0
1005	FACULTY SALARIES	\$3,649,958	\$3,667,999	\$3,683,393	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$5,927,181	\$5,956,478	\$5,981,476	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$5,527,231	\$5,569,278	\$5,590,076	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$5,527,231	\$5,569,278	\$5,590,076	\$0	\$0
Method of Financing:						
704	Bd Authorized Tuition Inc	\$399,950	\$387,200	\$391,400	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$399,950	\$387,200	\$391,400	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$5,927,181	\$5,956,478	\$5,981,476	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		130.0	130.6	131.2	131.2	131.2

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 1 Instructional Programs

Service Categories:

STRATEGY: 2 Graduate Training in Biomedical Sciences

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Instruction and Operations Formula provides funding for faculty salaries, departmental operating expense, library, instructional administration, student services and institutional support. The formula for this strategy is based on weighted biomedical student full time equivalent. The rate per weighted student headcount or full time equivalent is established by the Legislature each biennium.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$11,937,954	\$0	\$(11,937,954)	\$(11,937,954)	Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.
			<u>\$(11,937,954)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 1 Instructional Programs

Service Categories:

STRATEGY: 3 Allied Health Professions Training

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
Objects of Expense:						
1001	SALARIES AND WAGES	\$868,926	\$880,294	\$926,278	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$19,570	\$19,826	\$20,862	\$0	\$0
1005	FACULTY SALARIES	\$3,025,583	\$3,065,167	\$3,225,285	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$3,914,079	\$3,965,287	\$4,172,425	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$3,765,354	\$3,762,682	\$3,997,937	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$3,765,354	\$3,762,682	\$3,997,937	\$0	\$0
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$148,725	\$202,605	\$174,488	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$148,725	\$202,605	\$174,488	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$3,914,079	\$3,965,287	\$4,172,425	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		89.9	91.1	95.8	95.8	95.8

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 1 Instructional Programs

Service Categories:

STRATEGY: 3 Allied Health Professions Training

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Instruction and Operations Formula provides funding for faculty salaries, departmental operating expense, library, instructional administration, student services and institutional support. The formula for this strategy is based on weighted allied health student full time equivalent. The rate per weighted student headcount or full time equivalent is established by the Legislature each biennium.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$8,137,712	\$0	\$(8,137,712)	\$(8,137,712)	Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.
			<u>\$(8,137,712)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 1 Instructional Programs
 STRATEGY: 4 Graduate Medical Education

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
Output Measures:						
KEY 1	Total Number of MD or DO Residents	1,405.00	1,405.00	1,407.00	1,408.00	1,410.00
Explanatory/Input Measures:						
KEY 1	Minority MD or DO Residents as a Percent of Total MD or DO Residents	13.88 %	13.00 %	13.00 %	13.00 %	13.00 %
Objects of Expense:						
1001	SALARIES AND WAGES	\$42,215	\$62,453	\$62,453	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$5,203	\$7,698	\$7,698	\$0	\$0
1005	FACULTY SALARIES	\$5,369,231	\$8,708,787	\$8,708,787	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$1,596,783	\$1,596,783	\$1,596,783	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$7,013,432	\$10,375,721	\$10,375,721	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$5,310,647	\$10,375,721	\$10,375,721	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$5,310,647	\$10,375,721	\$10,375,721	\$0	\$0
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$1,702,785	\$0	\$0	\$0	\$0

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 1 Instructional Programs

Service Categories:

STRATEGY: 4 Graduate Medical Education

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$1,702,785	\$0	\$0	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$7,013,432	\$10,375,721	\$10,375,721	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		30.2	44.7	44.7	44.7	44.7

STRATEGY DESCRIPTION AND JUSTIFICATION:

The Graduate Medical Education formula allocates funding based on the number of medical residents. These funds shall be used to support the number of resident slots in the State of Texas as well as faculty costs related to GME.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 1 Instructional Programs

Service Categories:

STRATEGY: 4 Graduate Medical Education

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$20,751,442	\$0	\$(20,751,442)	\$(20,751,442)	Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.
			<u>\$(20,751,442)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 2 Operations - Staff Benefits

Service Categories:

STRATEGY: 1 Staff Group Insurance Premiums

Service: 06

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1002	OTHER PERSONNEL COSTS	\$600,503	\$1,105,000	\$1,218,680	\$1,218,680	\$1,218,680
TOTAL, OBJECT OF EXPENSE		\$600,503	\$1,105,000	\$1,218,680	\$1,218,680	\$1,218,680
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$600,503	\$1,105,000	\$1,218,680	\$1,218,680	\$1,218,680
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$600,503	\$1,105,000	\$1,218,680	\$1,218,680	\$1,218,680
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$1,218,680	\$1,218,680
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$600,503	\$1,105,000	\$1,218,680	\$1,218,680	\$1,218,680

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

This strategy is to provide proportional share of staff group insurance premiums paid from Other Educational and General funds.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 2 Operations - Staff Benefits Service Categories:
 STRATEGY: 1 Staff Group Insurance Premiums Service: 06 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>	<u>CHANGE</u>	<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$2,323,680	\$2,437,360	\$113,680	\$113,680	Increase in health premiums.
			\$113,680	Total of Explanation of Biennial Change

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 3 Operations - Statutory Funds
 STRATEGY: 1 Texas Public Education Grants

Service Categories:

Service: 20 Income: A.1 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
2009	OTHER OPERATING EXPENSE	\$1,196,005	\$1,229,720	\$1,248,198	\$1,248,198	\$1,248,198
TOTAL, OBJECT OF EXPENSE		\$1,196,005	\$1,229,720	\$1,248,198	\$1,248,198	\$1,248,198
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$1,196,005	\$1,229,720	\$1,248,198	\$1,248,198	\$1,248,198
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$1,196,005	\$1,229,720	\$1,248,198	\$1,248,198	\$1,248,198
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$1,248,198	\$1,248,198
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$1,196,005	\$1,229,720	\$1,248,198	\$1,248,198	\$1,248,198

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

This strategy represents tuition set aside for the Texas Public Education Grants program as required by Section 56.033 of the Texas Education Code.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 3 Operations - Statutory Funds

Service Categories:

STRATEGY: 1 Texas Public Education Grants

Service: 20

Income: A.1

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$2,477,918	\$2,496,396	\$18,478	\$18,478	Amounts requested are in line with set aside requirements.
			<u>\$18,478</u>	Total of Explanation of Biennial Change

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support
 OBJECTIVE: 3 Operations - Statutory Funds
 STRATEGY: 2 Medical Loans

Service Categories:

Service: 20 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
2009	OTHER OPERATING EXPENSE	\$161,381	\$0	\$0	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$161,381	\$0	\$0	\$0	\$0
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$161,381	\$0	\$0	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$161,381	\$0	\$0	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$161,381	\$0	\$0	\$0	\$0

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

For 2015 only, section 61.539 of the Texas Education Code requires that 2% of the resident medical school tuition be transferred for repayment of student loans of physicians serving in designated state agencies or economically distressed or rural medically underserved areas of the State. The transfer was repealed by the 84th Legislature effective Fall 2015.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 1 Provide Instructional and Operations Support

OBJECTIVE: 3 Operations - Statutory Funds

Service Categories:

STRATEGY: 2 Medical Loans

Service: 20

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$0	\$0	\$0	\$0	None
			<u>\$0</u>	Total of Explanation of Biennial Change

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 2 Provide Research Support
 OBJECTIVE: 1 Research Activities
 STRATEGY: 1 Research Enhancement

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
Objects of Expense:						
1001	SALARIES AND WAGES	\$1,586,903	\$1,643,377	\$1,738,894	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$29,051	\$30,085	\$31,833	\$0	\$0
1005	FACULTY SALARIES	\$2,015,403	\$2,087,125	\$2,208,435	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$3,631,357	\$3,760,587	\$3,979,162	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$3,493,356	\$3,568,441	\$3,812,756	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$3,493,356	\$3,568,441	\$3,812,756	\$0	\$0
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$138,001	\$192,146	\$166,406	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$138,001	\$192,146	\$166,406	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$3,631,357	\$3,760,587	\$3,979,162	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		75.8	78.5	83.1	83.1	83.1

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 2 Provide Research Support

OBJECTIVE: 1 Research Activities

STRATEGY: 1 Research Enhancement

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Research Enhancement formula allocates a base amount to each institution in addition to a percent of the research expenditures as reported to the Texas Higher Education Coordinating Board. These funds are used to support the research activities of the institution.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$7,739,749	\$0	\$(7,739,749)	\$(7,739,749)	Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.
			<u>\$(7,739,749)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 3 Provide Infrastructure Support
 OBJECTIVE: 1 Operations and Maintenance
 STRATEGY: 1 E&G Space Support

Service Categories:

Service: 10 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
Objects of Expense:						
1001	SALARIES AND WAGES	\$9,876,285	\$9,947,859	\$9,759,338	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$214,037	\$215,588	\$211,503	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$101,922	\$102,661	\$100,716	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$10,192,244	\$10,266,108	\$10,071,557	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$9,804,912	\$9,741,565	\$9,937,826	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$9,804,912	\$9,741,565	\$9,937,826	\$0	\$0
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$387,332	\$524,543	\$133,731	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$387,332	\$524,543	\$133,731	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$10,192,244	\$10,266,108	\$10,071,557	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		442.7	445.9	437.5	437.5	437.5

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 3 Provide Infrastructure Support
 OBJECTIVE: 1 Operations and Maintenance
 STRATEGY: 1 E&G Space Support

Service Categories:

Service: 10 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018 ⁽¹⁾	BL 2019 ⁽¹⁾
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Infrastructure Support formula distributes funding associated with plant support and utilities. This formula is driven by the predicted square feet for health related institutions produced by the Coordinating Board Space Projection Model.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$20,337,665	\$0	\$(20,337,665)	\$(20,337,665)	Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.
			<u>\$(20,337,665)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2018-19 because amounts are not determined by institutions.

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 3 Provide Infrastructure Support
 OBJECTIVE: 2 Infrastructure Support
 STRATEGY: 1 Tuition Revenue Bond Retirement

Service Categories:

Service: 10 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
2008	DEBT SERVICE	\$12,330,403	\$12,333,563	\$18,520,131	\$18,520,131	\$18,520,131
TOTAL, OBJECT OF EXPENSE		\$12,330,403	\$12,333,563	\$18,520,131	\$18,520,131	\$18,520,131
Method of Financing:						
1	General Revenue Fund	\$12,330,403	\$12,333,563	\$18,520,131	\$18,520,131	\$18,520,131
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$12,330,403	\$12,333,563	\$18,520,131	\$18,520,131	\$18,520,131
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$18,520,131	\$18,520,131
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$12,330,403	\$12,333,563	\$18,520,131	\$18,520,131	\$18,520,131

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

The Tuition Revenue Bond strategy provides for bond indebtedness payments of General Tuition Revenue Bonds. Bond indebtedness payments of General Tuition Revenue Bonds is authorized under Texas Education Code Section 55.17.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 3 Provide Infrastructure Support
 OBJECTIVE: 2 Infrastructure Support
 STRATEGY: 1 Tuition Revenue Bond Retirement

Service Categories:

Service: 10 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
Base Spending (Est 2016 + Bud 2017)	Baseline Request (BL 2018 + BL 2019)	CHANGE	\$ Amount	Explanation(s) of Amount (must specify MOFs and FTEs)
\$30,853,694	\$37,040,262	\$6,186,568	\$6,186,568	Change in debt service requirement for bond authorizations including newly authorized projects by House Bill 100, Eighty-fourth Legislature.
			<u>\$6,186,568</u>	Total of Explanation of Biennial Change

3.A. Strategy Request
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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 1 Residency Training Special Items
 STRATEGY: 1 Primary Care Residency Training Program

Service Categories:
 Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$1,171,857	\$1,171,857	\$1,171,857	\$1,124,983	\$1,124,983
1002	OTHER PERSONNEL COSTS	\$11,837	\$11,837	\$11,837	\$11,363	\$11,363
TOTAL, OBJECT OF EXPENSE		\$1,183,694	\$1,183,694	\$1,183,694	\$1,136,346	\$1,136,346
Method of Financing:						
1	General Revenue Fund	\$1,183,694	\$1,183,694	\$1,183,694	\$1,136,346	\$1,136,346
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$1,183,694	\$1,183,694	\$1,183,694	\$1,136,346	\$1,136,346
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$1,136,346	\$1,136,346
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$1,183,694	\$1,183,694	\$1,183,694	\$1,136,346	\$1,136,346
FULL TIME EQUIVALENT POSITIONS:		33.5	33.5	33.5	33.5	33.5
STRATEGY DESCRIPTION AND JUSTIFICATION:						

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 1 Residency Training Special Items Service Categories:
 STRATEGY: 1 Primary Care Residency Training Program Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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Medical education is only partially complete when the M.D. degree is awarded. Further education in accredited residency programs is essential for the development of the full range of knowledge and skills to perform medical diagnosis and treatment and the certification required for a doctor to practice. This residency education is a major part of the primary mission of all Texas medical schools. UTSW shoulders the burden of training the vast majority of residents, in primary and specialty care, in all of N Texas. Consequently, it has more residents than every other State institution, and thus bears the greatest share of the State's resident costs. Serving the mission of training residents has significant costs, and the primary cost borne by medical schools is that of providing education by faculty. A portion of the costs associated with faculty supervising the care residents provide is paid with Medicare GME funds. Other than the State GME formula, which pays only ~1/3rd of the ~\$18,000 annual per resident faculty supervision cost, there are no dedicated funds for residents' education.

This strategy helps fund the disproportionate cost UTSW bears in educating one of the State's largest number of primary care residents, including direct resident support through payment of 15 stipends. It is essential to continue the number and quality of primary care residency programs at UTSW since such programs are the most important source of primary care doctors in N Texas and statewide.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

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GOAL: 4 Provide Special Item Support
 OBJECTIVE: 1 Residency Training Special Items Service Categories:
 STRATEGY: 1 Primary Care Residency Training Program Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$2,367,388	\$2,272,692	\$(94,696)	\$(94,696)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(94,696)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL:	4 Provide Special Item Support				
OBJECTIVE:	2 Research Special Items			Service Categories:	
STRATEGY:	1 Institute for Nobel/National-Academy Biomedical Research			Service: 21	Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$1,958,344	\$1,964,162	\$1,964,199	\$1,877,052	\$1,877,052
1002	OTHER PERSONNEL COSTS	\$62,767	\$62,954	\$62,955	\$60,162	\$60,162
1005	FACULTY SALARIES	\$4,255,631	\$4,268,274	\$4,268,355	\$4,078,978	\$4,078,978
TOTAL, OBJECT OF EXPENSE		\$6,276,742	\$6,295,390	\$6,295,509	\$6,016,192	\$6,016,192
Method of Financing:						
1	General Revenue Fund	\$6,276,742	\$6,266,867	\$6,266,867	\$6,016,192	\$6,016,192
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$6,276,742	\$6,266,867	\$6,266,867	\$6,016,192	\$6,016,192
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$28,523	\$28,642	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$28,523	\$28,642	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$6,016,192	\$6,016,192
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$6,276,742	\$6,295,390	\$6,295,509	\$6,016,192	\$6,016,192
FULL TIME EQUIVALENT POSITIONS:		58.6	58.8	58.9	56.5	56.5

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 1 Institute for Nobel/National-Academy Biomedical Research Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Institute for Nobel/National-Academy Biomedical Research began in 2004, predicated on the fact that Texas' long-term success in biomedical science and biotechnology industry depends on having research leaders at our health institutions who rank among the best in the world. This Institute is extremely effective in facilitating this for Texas future. The National Academy of Sciences is the scientific hall of fame and election as a member is the highest honor in the U.S. for a scientist. With 70% of all National Academy members at Texas health institutions at UTSW, and with four of its five Nobel laureates as active faculty members, UTSW is exclusively positioned in Texas for the Institute for Nobel/National-Academy Biomedical Research. Investigators of Nobel Prize-and National Academy-caliber conduct cutting-edge research, bring to Texas millions of dollars in grant funds, and attract the best and brightest co-workers. UTSW is working to further leverage the success of our globally-recognized research leaders in order to expand research opportunities, recruit more world-class scientists and secure more funds from sources outside Texas. Special Item funding has been appropriated specifically to:

- Provide incentives for highly sought-after scientists to remain in Texas
- Bring millions in outside grants to Texas
- Cultivate state-of-the-art research and commercializable technologies,
- Recruit rising-star scientists mentored by our accomplished faculty members

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

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GOAL: 4 Provide Special Item Support

OBJECTIVE: 2 Research Special Items

STRATEGY: 1 Institute for Nobel/National-Academy Biomedical Research

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$12,590,899	\$12,032,384	\$(558,515)	\$(558,515)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(558,515)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support

OBJECTIVE: 2 Research Special Items

Service Categories:

STRATEGY: 2 Institute for Innovations in Medical Technology

Service: 21

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$4,636,495	\$4,706,244	\$4,709,999	\$4,478,094	\$4,478,094
1002	OTHER PERSONNEL COSTS	\$74,782	\$75,907	\$75,968	\$72,228	\$72,228
1005	FACULTY SALARIES	\$2,087,102	\$2,118,500	\$2,120,190	\$2,015,798	\$2,015,798
TOTAL, OBJECT OF EXPENSE		\$6,798,379	\$6,900,651	\$6,906,157	\$6,566,120	\$6,566,120
Method of Financing:						
1	General Revenue Fund	\$6,798,379	\$6,839,708	\$6,839,708	\$6,566,120	\$6,566,120
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$6,798,379	\$6,839,708	\$6,839,708	\$6,566,120	\$6,566,120
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$60,943	\$66,449	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$60,943	\$66,449	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$6,566,120	\$6,566,120
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$6,798,379	\$6,900,651	\$6,906,157	\$6,566,120	\$6,566,120
FULL TIME EQUIVALENT POSITIONS:		78.2	79.4	79.4	76.2	76.2

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 2 Institute for Innovations in Medical Technology Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The mission of the Institute for Innovations in Medical Technology (IIMT) is to cultivate cutting-edge research with potential to develop into commercializable technologies, and to help transition them from discovery to patient care. This goal is being accomplished by developing and maintaining a unique group of specialized "Core" Laboratory facilities that support such research affordably and efficiently, retaining an extraordinary concentration of innovative biomedical scientists on our faculty and facilitating the recruitment of rising star faculty to Texas, bringing millions in federal and private grants to the state, and maintaining enhanced infrastructure and expert staff to facilitate commercialization, which in turn attracts vital biotechnology partners to North Texas.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>	<u>CHANGE</u>	<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$13,806,808	\$13,132,240	\$(674,568)	\$(674,568)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(674,568)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 3 Metroplex Comprehensive Medical Imaging Center

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$1,839,661	\$1,839,359	\$1,838,840	\$1,756,509	\$1,756,509
1002	OTHER PERSONNEL COSTS	\$28,655	\$28,650	\$28,642	\$27,360	\$27,360
1005	FACULTY SALARIES	\$3,862,715	\$3,862,081	\$3,860,990	\$3,688,123	\$3,688,123
TOTAL, OBJECT OF EXPENSE		\$5,731,031	\$5,730,090	\$5,728,472	\$5,471,992	\$5,471,992
Method of Financing:						
1	General Revenue Fund	\$5,731,031	\$5,699,991	\$5,699,992	\$5,471,992	\$5,471,992
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$5,731,031	\$5,699,991	\$5,699,992	\$5,471,992	\$5,471,992
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$30,099	\$28,480	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$30,099	\$28,480	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$5,471,992	\$5,471,992
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$5,731,031	\$5,730,090	\$5,728,472	\$5,471,992	\$5,471,992
FULL TIME EQUIVALENT POSITIONS:		56.8	56.8	56.7	54.4	54.4

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 3 Metroplex Comprehensive Medical Imaging Center Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

Modern imaging techniques permit exquisite views of both structure and function from views of every atom in a protein molecule to functional magnetic resonance images of the neural activities that underlie complex behaviors in humans. With such amazing opportunities, the Imaging Center's scientists and doctors are engaged in both the development of imaging technologies and their exploitation to understand and treat disease. The goals of the Center are to:

- Provide the only imaging center of its kind in the Southwest, allowing UT Southwestern researchers and collaborators at local universities to investigate molecular and cellular mechanisms of disease.
- Advance the diagnosis, treatment, and prevention of numerous debilitating diseases through the development and use of advanced medical imaging.
- Retain highly sought-after basic and clinical researchers and recruit rising star faculty to Texas.
- Bring millions in federal and private grants to Texas.

To achieve these goals, the Center at UT Southwestern encompasses a broad spectrum of imaging activities. The Advanced Imaging Research Center established in collaboration with UT Dallas and UT Arlington houses necessary state-of-the-art instruments and a variety of other imaging capabilities are encompassed in Core Labs. Ultimately, the unprecedented images and measurements of healthy and diseased tissue that modern imaging provides are crucial to developing more effective treatments for the sick and, eventually, preventive care to the well.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

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GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 3 Metroplex Comprehensive Medical Imaging Center

Service Categories:
 Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$11,458,562	\$10,943,984	\$(514,578)	\$(514,578)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(514,578)</u>	Total of Explanation of Biennial Change

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GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 4 Center for Obesity, Diabetes and Metabolism Research

Service Categories:
 Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$1,770,760	\$1,814,598	\$1,815,157	\$1,733,528	\$1,733,528
1002	OTHER PERSONNEL COSTS	\$40,245	\$41,241	\$41,254	\$39,401	\$39,401
1005	FACULTY SALARIES	\$4,896,419	\$5,017,637	\$5,019,184	\$4,793,466	\$4,793,466
TOTAL, OBJECT OF EXPENSE		\$6,707,424	\$6,873,476	\$6,875,595	\$6,566,395	\$6,566,395
Method of Financing:						
1	General Revenue Fund	\$6,707,424	\$6,839,992	\$6,839,993	\$6,566,395	\$6,566,395
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$6,707,424	\$6,839,992	\$6,839,993	\$6,566,395	\$6,566,395
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$33,484	\$35,602	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$33,484	\$35,602	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$6,566,395	\$6,566,395
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$6,707,424	\$6,873,476	\$6,875,595	\$6,566,395	\$6,566,395
FULL TIME EQUIVALENT POSITIONS:		61.2	62.7	62.7	60.2	60.2

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 4 Center for Obesity, Diabetes and Metabolism Research Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

Since it was founded in 2007, the interdisciplinary Center for Obesity, Diabetes and Metabolism Research has become widely recognized as the top obesity center in the world and uniquely positioned to tackle a medical crisis that costs Texas \$10 billion annually and continues to spiral out of control. The trends in obesity and related diseases are frightening, with the percent of overweight Texans increasing from 43% to 63% in just 15 years. What was once unheard of Type II diabetes occurring in children is now common and obesity dramatically increases not only the risk of diabetes but also heart disease, kidney failure, stroke, high blood pressure, respiratory problems and other chronic conditions. UT Southwestern's Obesity Center is committed to developing novel treatments for the prevention and treatment of obesity, to continued outreach to thousands of Dallas ISD elementary students to provide early intervention and an effective model for Texas, and to ensuring significant benefit to Texas from millions in external grant funding secured and eventual cost savings and revenue possible from breakthrough treatments.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$13,749,071	\$13,132,790	\$(616,281)	\$(616,281)	Change results from the required reductions to the 2018-19 baseline.
			\$(616,281)	Total of Explanation of Biennial Change

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GOAL: 4 Provide Special Item Support

OBJECTIVE: 2 Research Special Items

Service Categories:

STRATEGY: 6 Center for Research of Sickle Cell Disease

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$270,439	\$269,846	\$270,718	\$258,276	\$258,276
1002	OTHER PERSONNEL COSTS	\$6,876	\$6,861	\$6,883	\$6,566	\$6,566
1005	FACULTY SALARIES	\$868,615	\$866,710	\$869,511	\$829,549	\$829,549
TOTAL, OBJECT OF EXPENSE		\$1,145,930	\$1,143,417	\$1,147,112	\$1,094,391	\$1,094,391
Method of Financing:						
1	General Revenue Fund	\$1,145,930	\$1,139,992	\$1,139,992	\$1,094,391	\$1,094,391
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$1,145,930	\$1,139,992	\$1,139,992	\$1,094,391	\$1,094,391
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$3,425	\$7,120	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$3,425	\$7,120	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$1,094,391	\$1,094,391
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$1,145,930	\$1,143,417	\$1,147,112	\$1,094,391	\$1,094,391
FULL TIME EQUIVALENT POSITIONS:		8.9	8.9	8.9	8.2	8.2

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 6 Center for Research of Sickle Cell Disease Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

Sickle cell disease, the most serious disorder in the United States resulting from a single gene mutation, is most prevalent in persons of African descent. The condition causes excruciating pain, organ damage, and premature death in children and adults. There is a pressing need to better understand the biology of the disease and to translate scientific discovery into better treatments and eventually a cure. UT Southwestern's Comprehensive Sickle Cell Center has made dramatic progress in clinical research which has brought improved treatments and set the stage for future scientific discoveries. With continuing added support from this State Special Item, UT Southwestern's mission is to maintain and build upon its world class Comprehensive Sickle Cell Center focused on the following: research leading to curative treatments, development and refinement of new and improved therapies to control disease complications, and marked expansion of its outpatient clinics and inpatient services for children and adults with sickle cell disease in order to improve the length and quality of life. The Center has been and plans to continue to be recognized as one of the world's best.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>	<u>CHANGE</u>	<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$2,290,529	\$2,188,782	\$(101,747)	\$(101,747)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(101,747)</u>	Total of Explanation of Biennial Change

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GOAL: 4 Provide Special Item Support

OBJECTIVE: 2 Research Special Items

STRATEGY: 7 Texas Institute for Brain Injury and Repair

Service Categories:

Service: 19

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$2,846,722	\$2,863,855	\$2,863,286	\$2,743,920	\$2,743,920
1002	OTHER PERSONNEL COSTS	\$41,084	\$41,331	\$41,323	\$39,600	\$39,600
1005	FACULTY SALARIES	\$3,447,291	\$3,468,038	\$3,467,349	\$3,322,800	\$3,322,800
2009	OTHER OPERATING EXPENSE	\$1,134,655	\$1,141,484	\$1,141,257	\$1,093,680	\$1,093,680
TOTAL, OBJECT OF EXPENSE		\$7,469,752	\$7,514,708	\$7,513,215	\$7,200,000	\$7,200,000
Method of Financing:						
1	General Revenue Fund	\$7,469,752	\$7,500,000	\$7,500,000	\$7,200,000	\$7,200,000
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$7,469,752	\$7,500,000	\$7,500,000	\$7,200,000	\$7,200,000
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$14,708	\$13,215	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$14,708	\$13,215	\$0	\$0

3.A. Strategy Request

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85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 7 Texas Institute for Brain Injury and Repair Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$7,200,000	\$7,200,000
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$7,469,752	\$7,514,708	\$7,513,215	\$7,200,000	\$7,200,000
FULL TIME EQUIVALENT POSITIONS:		75.0	75.0	75.0	72.0	72.0

STRATEGY DESCRIPTION AND JUSTIFICATION:

Translational research efforts by UTSW faculty who apply their basic discoveries to specific diseases have led to its successful history in the bench-to-bedside development of new treatments. UTSW is at a pivotal point for advancing our faculty's discoveries, with their efforts uniquely supported by a new University Hospital opened in December 2014 designed to support clinical research, and a licensing revenue-funded BioCenter, a state-of-the-art commercial campus facility strategically positioned for the biomedical industry to interact with academic medicine to accelerate bench-to-bedside progress. Recent examples of translational research success at UTSW include:
 -A way to direct heart cells to regenerate and heal injury caused by heart attack and other diseases, with drugs already in development by a newly formed biotech company
 -A new biochemical pathway and inhibitor molecule with promise to stop the growth of kidney cancers
 -A novel protein target for the development of drugs to treat and prevent Alzheimer's.

Despite these successes, development of basic discoveries into transformative therapies at UTSW suffers from lack of funding for the early steps in translational research. State funding supports the extension of basic discoveries from the lab for which there are no other sources of funding, yet are essential for producing novel patient therapies to treat brain injury, with great promise for better patient care, lower costs, and ROI to the State.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items Service Categories:
 STRATEGY: 7 Texas Institute for Brain Injury and Repair Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$15,027,923	\$14,400,000	\$(627,923)	\$(627,923)	Change results from the required reductions to the 2018-19 baseline.
			\$(627,923)	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 8 Center for Regenerative Science and Medicine

Service Categories:
 Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$0	\$1,888,000	\$1,889,018	\$1,812,480	\$1,812,480
1002	OTHER PERSONNEL COSTS	\$0	\$48,000	\$48,026	\$46,080	\$46,080
1005	FACULTY SALARIES	\$0	\$6,064,000	\$6,067,270	\$5,821,440	\$5,821,440
TOTAL, OBJECT OF EXPENSE		\$0	\$8,000,000	\$8,004,314	\$7,680,000	\$7,680,000
Method of Financing:						
1	General Revenue Fund	\$0	\$8,000,000	\$8,000,000	\$7,680,000	\$7,680,000
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$0	\$8,000,000	\$8,000,000	\$7,680,000	\$7,680,000
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$0	\$4,314	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$0	\$4,314	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$7,680,000	\$7,680,000
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$0	\$8,000,000	\$8,004,314	\$7,680,000	\$7,680,000
FULL TIME EQUIVALENT POSITIONS:		0.0	93.0	93.0	89.3	89.3

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729 The University of Texas Southwestern Medical Center

GOAL:	4	Provide Special Item Support				
OBJECTIVE:	2	Research Special Items			Service Categories:	
STRATEGY:	8	Center for Regenerative Science and Medicine			Service: 19	Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

Regenerative medicine is a new frontier of science that seeks to understand the mechanisms of tissue aging, injury, and repair. This is the most important and transformative mission in medicine today, extending from molecular biology to tissue engineering and organ fabrication to deliver novel solutions to damage affecting diverse organs including heart, liver, lung, and others, and improve human health.

UTSW has launched CRSM, a transformational large-scale initiative in this rapidly developing field, underrepresented in Texas. The goals are to: 1) discover fundamental mechanisms of tissue formation and repair; 2) develop transformative strategies and medicines for tissue regeneration; 3) train future generations of scientists and clinicians to translate this new scientific knowledge into novel human therapies; and 4) offer education and community outreach programs.

Degenerative diseases of the heart, brain and other tissues represent the largest causes of death/disability in the world, affecting virtually everyone over 40 and accounting for the lion's share of healthcare costs in Texas and the U.S. With State investment, CRSM can capitalize on competitive and private seed funding to strengthen our program, with profound implications for millions of Texans incapacitated by organ injury and disease. By bringing the vision, scientific excellence, and resources of UTSW to bear, we can make transformative contributions and novel regenerative therapies to improve care.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

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GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 8 Center for Regenerative Science and Medicine

Service Categories:
 Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$16,004,314	\$15,360,000	\$(644,314)	\$(644,314)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(644,314)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 9 Center for Advanced Radiation Therapy

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$0	\$84,000	\$84,082	\$80,640	\$80,640
1002	OTHER PERSONNEL COSTS	\$0	\$6,000	\$6,006	\$5,760	\$5,760
1005	FACULTY SALARIES	\$0	\$160,000	\$160,157	\$153,600	\$153,600
2009	OTHER OPERATING EXPENSE	\$0	\$750,000	\$750,736	\$720,000	\$720,000
TOTAL, OBJECT OF EXPENSE		\$0	\$1,000,000	\$1,000,981	\$960,000	\$960,000
Method of Financing:						
1	General Revenue Fund	\$0	\$1,000,000	\$1,000,000	\$960,000	\$960,000
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$0	\$1,000,000	\$1,000,000	\$960,000	\$960,000
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$0	\$981	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$0	\$981	\$0	\$0

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 9 Center for Advanced Radiation Therapy

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$960,000	\$960,000
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$0	\$1,000,000	\$1,000,981	\$960,000	\$960,000
FULL TIME EQUIVALENT POSITIONS:		0.0	12.0	12.0	11.5	11.5

STRATEGY DESCRIPTION AND JUSTIFICATION:

Heavy Ion therapy was developed in the U.S. in the 70s, but despite progress using clinical trials, the program closed due to federal budget cuts and the U.S. ceded the field. The National Cancer Institute recognizes this void for cancer patients in the U.S., and in 2013 issued an RFP to plan a Heavy Ion research center. In 2015, a Texas team led by UTSW secured one of two NCI 2-year planning grants. The 84th Legislature - recognizing the opportunity for Texas to lead the country - matched the NCI grant with a \$2M appropriation. A California team received a 2nd planning grant, with TX and CA now vying for an NCI Center of Excellence grant expected after the planning period.

UTSW, with the research consortium including MD Anderson, UT Austin, UTHSC SA, Texas A&M, Prairie View A&M, Baylor MC, NASA, and others, is perfectly positioned to capitalize on this opportunity for Texas. Efficacy of Heavy Ions has been established by foreign centers, but still needed are improved accelerator/beam technology, an understanding of the underlying biology, and clinical trials. A U.S. facility must be a comprehensive center capable of carrying out basic, pre-clinical, physics-related and clinical research. UTSW is poised to do this. The establishment of all centers worldwide has been possible only with government support given the expense, ~\$200M at UTSW. UTSW is working to secure vendor and federal commitments, as well as philanthropic donations, contingent on State and federal support.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

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GOAL: 4 Provide Special Item Support
 OBJECTIVE: 2 Research Special Items
 STRATEGY: 9 Center for Advanced Radiation Therapy

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>	<u>CHANGE</u>	<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$2,000,981	\$1,920,000	\$(80,981)	\$(80,981)	Change results from the required reductions to the 2018-19 baseline.
			\$(80,981)	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 3 Health Care Special Items
 STRATEGY: 1 Regional Burn Care Center

Service Categories:

Service: 22 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1002	OTHER PERSONNEL COSTS	\$666	\$667	\$667	\$638	\$638
1005	FACULTY SALARIES	\$94,530	\$94,560	\$94,560	\$90,554	\$90,554
TOTAL, OBJECT OF EXPENSE		\$95,196	\$95,227	\$95,227	\$91,192	\$91,192
Method of Financing:						
1	General Revenue Fund	\$95,196	\$94,992	\$94,992	\$91,192	\$91,192
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$95,196	\$94,992	\$94,992	\$91,192	\$91,192
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$235	\$235	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$235	\$235	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$91,192	\$91,192
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$95,196	\$95,227	\$95,227	\$91,192	\$91,192
FULL TIME EQUIVALENT POSITIONS:		0.2	0.2	0.2	0.2	0.2

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 3 Health Care Special Items
 STRATEGY: 1 Regional Burn Care Center

Service Categories:

Service: 22 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

To provide state-of-the-art comprehensive acute burn care, burn rehabilitation, education, supplies, and banked skin allograft tissues for clinical transplant for adult and pediatric patients and healthcare professionals. The Center is also the only American Burn Association and American College of Surgeons-verified burn center in North Texas, providing a regional resource for disaster management for those with burns.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$190,454	\$182,384	\$(8,070)	\$(8,070)	Change results from the required reductions to the 2018-19 baseline.
			\$(8,070)	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support

OBJECTIVE: 4 Public Service Special Items

Service Categories:

STRATEGY: 1 Program for Science Teacher Access to Resources (STARS)

Service: 18

Income: A.2

Age: B.1

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$342,601	\$345,576	\$345,757	\$328,862	\$328,862
1002	OTHER PERSONNEL COSTS	\$2,850	\$2,875	\$2,877	\$2,736	\$2,736
1005	FACULTY SALARIES	\$224,600	\$226,551	\$226,669	\$215,594	\$215,594
TOTAL, OBJECT OF EXPENSE		\$570,051	\$575,002	\$575,303	\$547,192	\$547,192
Method of Financing:						
1	General Revenue Fund	\$570,051	\$569,992	\$569,993	\$547,192	\$547,192
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$570,051	\$569,992	\$569,993	\$547,192	\$547,192
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$5,010	\$5,310	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$5,010	\$5,310	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$547,192	\$547,192
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$570,051	\$575,002	\$575,303	\$547,192	\$547,192
FULL TIME EQUIVALENT POSITIONS:		11.8	11.8	11.8	11.2	11.2

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 4 Public Service Special Items Service Categories:
 STRATEGY: 1 Program for Science Teacher Access to Resources (STARS) Service: 18 Income: A.2 Age: B.1

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The STARS program is dedicated to maintaining a robust educational partnership between UTSW and secondary teachers, and providing programs for bright secondary school students. STARS has two goals: to improve science education in the North Texas area and beyond, and to increase the interest and enthusiasm among bright secondary school students to pursue careers in STEM fields, especially as they impact the future of biomedicine.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$1,150,305	\$1,094,384	\$(55,921)	\$(55,921)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(55,921)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 5 Institutional Support Special Items
 STRATEGY: 1 Institutional Enhancement

Service Categories:
 Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$464,780	\$462,051	\$463,415	\$441,403	\$441,403
1002	OTHER PERSONNEL COSTS	\$5,608	\$5,575	\$5,592	\$5,326	\$5,326
1005	FACULTY SALARIES	\$297,844	\$296,094	\$296,969	\$282,863	\$282,863
TOTAL, OBJECT OF EXPENSE		\$768,232	\$763,720	\$765,976	\$729,592	\$729,592
Method of Financing:						
1	General Revenue Fund	\$768,232	\$759,992	\$759,992	\$729,592	\$729,592
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$768,232	\$759,992	\$759,992	\$729,592	\$729,592
Method of Financing:						
770	Est Oth Educ & Gen Inco	\$0	\$3,728	\$5,984	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$3,728	\$5,984	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$729,592	\$729,592
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$768,232	\$763,720	\$765,976	\$729,592	\$729,592
FULL TIME EQUIVALENT POSITIONS:		4.6	4.6	4.6	4.4	4.4

729 The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support
 OBJECTIVE: 5 Institutional Support Special Items Service Categories:
 STRATEGY: 1 Institutional Enhancement Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

Institutional Enhancement funding plays a significant role in financing the core missions of all Health Related Institutions by providing a base level of funding for services and programs. Institutional Enhancement funding helps support leading-edge and innovative programs in graduate research education not otherwise supported by formula funding. The purpose of Institutional Enhancement at UT Southwestern is to help provide the highest quality education in the prevention, diagnosis, and treatment of disease to our medical students.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Special Item Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$1,529,696	\$1,459,184	\$(70,512)	\$(70,512)	Change results from the required reductions to the 2018-19 baseline.
			<u>\$(70,512)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 6 Tobacco Funds
 OBJECTIVE: 1 Tobacco Earnings for Eminent Scholars Service Categories:
 STRATEGY: 1 Tobacco Earnings for UT Southwestern Medical Center Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$403,732	\$448,854	\$417,227	\$423,271	\$423,271
1002	OTHER PERSONNEL COSTS	\$272,446	\$302,894	\$281,552	\$285,631	\$285,631
1005	FACULTY SALARIES	\$1,898,495	\$2,110,674	\$1,961,954	\$1,807,478	\$1,807,478
2001	PROFESSIONAL FEES AND SERVICES	\$5,812	\$6,461	\$6,006	\$6,093	\$6,093
2003	CONSUMABLE SUPPLIES	\$22,798	\$25,346	\$23,560	\$23,901	\$23,901
2004	UTILITIES	\$32,645	\$36,293	\$33,736	\$34,224	\$34,224
2006	RENT - BUILDING	\$1,110	\$1,234	\$1,147	\$1,164	\$1,164
2009	OTHER OPERATING EXPENSE	\$434,439	\$482,994	\$448,961	\$455,465	\$455,465
5000	CAPITAL EXPENDITURES	\$21,722	\$24,149	\$22,448	\$22,773	\$22,773
TOTAL, OBJECT OF EXPENSE		\$3,093,199	\$3,438,899	\$3,196,591	\$3,060,000	\$3,060,000
Method of Financing:						
813	Permanent Endowment FD UT SW MED	\$3,093,199	\$3,438,899	\$3,196,591	\$3,060,000	\$3,060,000
SUBTOTAL, MOF (OTHER FUNDS)		\$3,093,199	\$3,438,899	\$3,196,591	\$3,060,000	\$3,060,000

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729 The University of Texas Southwestern Medical Center

GOAL: 6 Tobacco Funds
 OBJECTIVE: 1 Tobacco Earnings for Eminent Scholars Service Categories:
 STRATEGY: 1 Tobacco Earnings for UT Southwestern Medical Center Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$3,060,000	\$3,060,000
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$3,093,199	\$3,438,899	\$3,196,591	\$3,060,000	\$3,060,000
FULL TIME EQUIVALENT POSITIONS:		21.6	24.0	22.3	22.7	22.7

STRATEGY DESCRIPTION AND JUSTIFICATION:

Funding for this strategy is derived from annual distributions of Permanent Health Funds established Section 63.101 of the Texas Education Code. These are appropriated for research and other programs that are conducted by the institution and that benefit the public health.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$6,635,490	\$6,120,000	\$(515,490)	\$(515,490)	Projected endowment earnings, no unexpended balance remaining for 2018-2019.
			<u>\$(515,490)</u>	Total of Explanation of Biennial Change

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729 The University of Texas Southwestern Medical Center

GOAL: 6 Tobacco Funds
 OBJECTIVE: 1 Tobacco Earnings for Eminent Scholars Service Categories:
 STRATEGY: 2 Tobacco Earnings from the Permanent Health Fund for Higher Ed. No. 810 Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
Objects of Expense:						
1001	SALARIES AND WAGES	\$340,909	\$353,034	\$327,646	\$340,530	\$340,530
1002	OTHER PERSONNEL COSTS	\$257,005	\$266,146	\$247,007	\$256,719	\$256,719
1005	FACULTY SALARIES	\$1,843,503	\$1,909,069	\$1,771,783	\$1,608,925	\$1,608,925
2001	PROFESSIONAL FEES AND SERVICES	\$1,649	\$1,708	\$1,585	\$1,647	\$1,647
2003	CONSUMABLE SUPPLIES	\$20,429	\$21,156	\$19,635	\$20,407	\$20,407
2004	UTILITIES	\$12,374	\$12,814	\$11,892	\$12,360	\$12,360
2009	OTHER OPERATING EXPENSE	\$444,879	\$460,701	\$427,571	\$444,384	\$444,384
TOTAL, OBJECT OF EXPENSE		\$2,920,748	\$3,024,628	\$2,807,119	\$2,684,972	\$2,684,972
Method of Financing:						
810	Permanent Health Fund Higher Ed	\$2,920,748	\$3,024,628	\$2,807,119	\$2,684,972	\$2,684,972
SUBTOTAL, MOF (OTHER FUNDS)		\$2,920,748	\$3,024,628	\$2,807,119	\$2,684,972	\$2,684,972
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$2,684,972	\$2,684,972
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$2,920,748	\$3,024,628	\$2,807,119	\$2,684,972	\$2,684,972
FULL TIME EQUIVALENT POSITIONS:		14.4	14.9	13.8	14.4	14.4

3.A. Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/9/2016 12:41:39PM

729 The University of Texas Southwestern Medical Center

GOAL: 6 Tobacco Funds
 OBJECTIVE: 1 Tobacco Earnings for Eminent Scholars Service Categories:
 STRATEGY: 2 Tobacco Earnings from the Permanent Health Fund for Higher Ed. No. 810 Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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STRATEGY DESCRIPTION AND JUSTIFICATION:

This strategy includes the institution's allocation of the Permanent Health Fund for Higher Education. The purpose of these funds includes medical research, health education or treatment programs.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2016 + Bud 2017)</u>	<u>Baseline Request (BL 2018 + BL 2019)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$5,831,747	\$5,369,944	\$(461,803)	\$(461,803)	Projected endowment earnings, no unexpended balance remaining for 2018-2019.
			<u>\$(461,803)</u>	Total of Explanation of Biennial Change

3.A. Strategy Request

8/9/2016 12:41:39PM

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

SUMMARY TOTALS:

OBJECTS OF EXPENSE:	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393
METHODS OF FINANCE (INCLUDING RIDERS):				\$70,791,393	\$70,791,393
METHODS OF FINANCE (EXCLUDING RIDERS):	\$152,717,891	\$166,912,285	\$172,964,802	\$70,791,393	\$70,791,393
FULL TIME EQUIVALENT POSITIONS:	1,871.2	1,963.0	1,963.0	1,951.0	1,951.0

3.A.1. PROGRAM-LEVEL REQUEST SCHEDULE
85th Regular Session, Agency Submission, Version 1

729		UT Southwestern Medical Center				Prepared By: Budget office					
Date:						16-17	Requested	Requested	Biennial Total	Biennial Difference	
Goal	Goal Name	Strategy	Strategy Name	Program	Program Name	Base	2018	2019	18-19	\$	%
A	Provide Instruction and Operation	A.3.1	Texas Public Education Grants	A.3.1.1	Texas Public Education Grants	\$2,477,918	\$1,248,198	\$1,248,198	\$2,496,396	\$18,478	0.7%
A	Provide Instruction and Operation	A.3.2	Medical Loans	A.3.2.1	Medical Loans	\$0	\$0	\$0	\$0	\$0	
A	Provide Instruction and Operation	A.2.1	Staff Group Insurance Premiums	A.2.1.1	Staff Group Insurance Premiums	\$2,323,680	\$1,218,680	\$1,218,380	\$2,437,060	\$113,380	4.9%
A	Provide Instruction and Operation	A.1.4	Graduate Medical Training	A.1.4.1	Graduate Medical Training	\$20,751,442	\$0	\$0	\$0	(\$20,751,442)	-100.0%
A	Provide Instruction and Operation	A.1.1	Medical Education	A.1.1.1	Medical Education	\$130,683,106	\$0	\$0	\$0	(\$130,683,106)	-100.0%
A	Provide Instruction and Operation	A.1.2	Graduate Training in Biomedical Sciences	A.1.2.1	Graduate Training in Biomedical Sciences	\$11,937,954	\$0	\$0	\$0	(\$11,937,954)	-100.0%
A	Provide Instruction and Operation	A.1.3	Allied Health Professions Training	A.1.3.1	Allied Health Professions Training	\$8,137,712	\$0	\$0	\$0	(\$8,137,712)	-100.0%
B	Provide Research Support	B.1.1	Research Enhancement	B.1.1.1	Research Enhancement	\$7,739,749	\$0	\$0	\$0	(\$7,739,749)	-100.0%
C	Provide Infrastructure Support	C.1.1	E & G Space Support	C.1.1.1	E & G Space Support	\$20,337,665	\$0	\$0	\$0	(\$20,337,665)	-100.0%
C	Provide Infrastructure Support	C.2.1	Tuition Revenue Bond Retirement	C.2.1.1	Tuition Revenue Bond Retirement	\$30,853,694	\$18,520,131	\$18,520,131	\$37,040,262	\$6,186,568	20.1%
D	Provide Special Item Support	D.5.1	Institutional Enhancement	D.5.1.1	Institutional Enhancement	\$1,529,696	\$729,592	\$729,592	\$1,459,184	(\$70,512)	-4.6%
D	Provide Special Item Support	D.2.1	Institute for Nobel/National-Academy Biomedical Research	D.2.1.1	Institute for Nobel/National-Academy Biomedical Research	\$12,590,899	\$6,016,192	\$6,016,192	\$12,032,384	(\$558,515)	-4.4%
D	Provide Special Item Support	D.4.1	Program for Science Teacher Access to Resources (STAR)	D.4.1.1	Program for Science Teacher Access to Resources (STAR)	\$1,150,305	\$547,192	\$547,192	\$1,094,384	(\$55,921)	-4.9%
D	Provide Special Item Support	D.1.1	Primary Care Residency Training Program	D.1.1.1	Primary Care Residency Training Program	\$2,367,388	\$1,136,346	\$1,136,346	\$2,272,692	(\$94,696)	-4.0%
D	Provide Special Item Support	D.3.1	Regional Burn Care Center	D.3.1.1	Regional Burn Care Center	\$190,454	\$91,192	\$91,192	\$182,384	(\$8,070)	-4.2%
D	Provide Special Item Support	D.2.6	Center for Research of Sickle Cell Disease	D.2.6.1	Center for Research of Sickle Cell Disease	\$2,290,529	\$1,094,392	\$1,094,392	\$2,188,784	(\$101,745)	-4.4%
D	Provide Special Item Support	D.2.2	Institute for Innovations in Medical Technology	D.2.2.1	Institute for Innovations in Medical Technology	\$13,806,808	\$6,566,120	\$6,566,120	\$13,132,240	(\$674,568)	-4.9%
D	Provide Special Item Support	D.2.3	Metroplex Comprehensive Medical Imaging Center	D.2.3.1	Metroplex Comprehensive Medical Imaging Center	\$11,458,563	\$5,471,992	\$5,471,992	\$10,943,984	(\$514,579)	-4.5%
D	Provide Special Item Support	D.2.4	Center for Obesity, Diabetes and Metabolism Research	D.2.4.1	Center for Obesity, Diabetes and Metabolism Research	\$13,749,070	\$6,566,395	\$6,566,395	\$13,132,790	(\$616,280)	-4.5%
D	Provide Special Item Support	D.2.7	Texas Institute for Brain Injury and Repair	D.2.7.1	Texas Institute for Brain Injury and Repair	\$15,027,923	\$14,700,000	\$14,700,000	\$29,400,000	\$14,372,077	95.6%
D	Provide Special Item Support	D.2.8	Regenerative Science and Medicine	D.2.8.1	Regenerative Science and Medicine	\$16,004,314	\$7,680,000	\$7,680,000	\$15,360,000	(\$644,314)	-4.0%
D	Provide Special Item Support	D.2.9	Center for Advanced Radiation Therapy	D.2.9.1	Center for Advanced Radiation Therapy	\$2,000,981	\$20,960,000	\$20,960,000	\$41,920,000	\$39,919,019	1995.0%
E	Tobacco Funds	E.6.1	Tobacco Earnings for UT Southwestern Medical Center	E.6.1.1	Tobacco Earnings for UT Southwestern Medical Center	\$6,635,490	\$3,060,000	\$3,060,000	\$6,120,000	(\$515,490)	-7.8%
E	Tobacco Funds	E.6.2	Tobacco Earnings from the Permanent Health Fund for High	E.6.2.1	Tobacco Earnings from the Permanent Health Fund for Higher Ed. No. 810	\$5,831,747	\$2,684,972	\$2,684,972	\$5,369,944	(\$461,803)	-7.9%

3.B. Rider Revisions and Additions Request

Agency Code: 729	Agency Name: U. T. Southwestern Medical Center	Prepared By: Arnim Dontes	Date: August 2016	Request Level: Base
Current Rider Number	Page Number in 2016-17 GAA	Proposed Rider Language		

3

Article III: 163

Estimated Appropriation and Unexpended Balance. Included in the amounts appropriated above are: (1) estimated appropriations of amounts available for distribution or investment returns out of the Permanent Endowment Fund for The University of Texas Southwestern Medical Center at Dallas No. 813 and (2) estimated appropriations of the institution's estimated allocation of amounts available for distribution out of the Permanent Health Fund for Higher Education No. 810.

- a. Amounts available for distribution or investment returns in excess of the amounts estimated above are also appropriated to the institution. In the event that amounts available for distribution or investment returns are less than the amounts estimated above, this Act may not be construed as appropriating funds to make up the difference.
- b. All balances of estimated appropriations from the Permanent Endowment Fund for The University of Texas Southwestern Medical Center at Dallas No. 813 and of the institution's allocation from the amounts available for distribution out of the Permanent Health Fund for Higher Education No. 810, except for any General Revenue, at the close of the fiscal year ending August 31, ~~2015~~ 2017, and the income to said fund during the fiscal years beginning September 1, ~~2015~~ 2017, are hereby appropriated. Any unexpended appropriations made above as of August 31, ~~2016~~ 2018, are hereby appropriated to the institution for the same purposes for fiscal year ~~2017~~ 2019.

U. T. System requests corrections to the rider to reflect the institution names consistent with Article III, Section 2 of the Act (Page III-246).

This rider has been revised to reflect updated dates associated with the existing rider. This change would not impact agency appropriations or operations as compared to the 2016-2017 biennium.

4.A. Exceptional Item Request Schedule
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: **8/2/2016**
 TIME: **1:37:49PM**

Agency code: **729**

Agency name:
The University of Texas Southwestern Medical Center

CODE	DESCRIPTION	Excp 2018	Excp 2019
	Item Name: Texas Center for Advanced Radiation Therapy (TCART) Item Priority: 1 IT Component: No Anticipated Out-year Costs: Yes Involve Contracts > \$50,000: No Includes Funding for the Following Strategy or Strategies: 04-02-09 Center for Advanced Radiation Therapy		
OBJECTS OF EXPENSE:			
1001	SALARIES AND WAGES	2,750,000	2,750,000
1002	OTHER PERSONNEL COSTS	50,000	50,000
1005	FACULTY SALARIES	7,200,000	7,200,000
2009	OTHER OPERATING EXPENSE	10,000,000	10,000,000
TOTAL, OBJECT OF EXPENSE		\$20,000,000	\$20,000,000
METHOD OF FINANCING:			
1	General Revenue Fund	20,000,000	20,000,000
TOTAL, METHOD OF FINANCING		\$20,000,000	\$20,000,000
FULL-TIME EQUIVALENT POSITIONS (FTE):		75.00	75.00

DESCRIPTION / JUSTIFICATION:

Heavy Ion therapy was developed in the U.S. in the 1970s, but despite successful progress utilizing clinical trials, the program was closed due to federal budget cuts and the U.S. ceded the field.

The National Cancer Institute recognizes this void for cancer patients in the U.S., and in 2013 issued an RFP to plan a research center using the heavy ion modality. In February 2015, a Texas research team - led by UTSW, secured one of two \$1M NCI two-year planning grants. The 84th Legislature - recognizing the opportunity for Texas to lead the country - generously matched the NCI grant with a \$2M appropriation. A California consortium received a second planning grant, with Texas and California now in pursuit of an NCI Center of Excellence research center grant that is expected after the 2-year planning grant period.

TCART - with the research consortium led by UTSW and including MD Anderson, UT Austin, UTHSC SA, Texas A&M, Prairie View A&M, Baylor MC, NASA and others - is perfectly positioned to capitalize on this opportunity for Texas and the U.S., to establish the most advanced radiation center in the world for cancer therapy and research. Efficacy of Heavy Ions has been established by foreign centers, but still critically needed to uncover its full potential are improved accelerator/beam delivery technology, an understanding of the underlying biology, and clinical trials. A U.S. facility must be a comprehensive center capable of carrying out basic, pre-clinical, clinical and physics-related research, as well as large scale clinical trials.

4.A. Exceptional Item Request Schedule
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/2/2016
TIME: 1:37:49PM

Agency code: 729

Agency name:

The University of Texas Southwestern Medical Center

CODE DESCRIPTION

Excp 2018

Excp 2019

EXTERNAL/INTERNAL FACTORS:

Additional information for this strategy is available in Schedule 9, Special Item Information

DESCRIPTION OF ANTICIPATED OUT-YEAR COSTS :

Continuation of program

ESTIMATED ANTICIPATED OUT-YEAR COSTS FOR ITEM:

<u>2020</u>	<u>2021</u>	<u>2022</u>
\$20,000,000	20,000,000	\$20,000,000

4.A. Exceptional Item Request Schedule
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: **8/2/2016**
 TIME: **1:37:49PM**

Agency code: **729**

Agency name:
The University of Texas Southwestern Medical Center

CODE	DESCRIPTION	Excp 2018	Excp 2019
	Item Name: Texas Institute for Brain Injury and Repair – O’Donnell Brain Institute		
	Item Priority: 2		
	IT Component: No		
	Anticipated Out-year Costs: Yes		
	Involve Contracts > \$50,000: No		
	Includes Funding for the Following Strategy or Strategies: 04-02-07 Texas Institute for Brain Injury and Repair		
 OBJECTS OF EXPENSE:			
1001	SALARIES AND WAGES	2,858,250	2,858,250
1002	OTHER PERSONNEL COSTS	41,250	41,250
1005	FACULTY SALARIES	3,461,250	3,461,250
2009	OTHER OPERATING EXPENSE	1,139,250	1,139,250
	TOTAL, OBJECT OF EXPENSE	\$7,500,000	\$7,500,000
 METHOD OF FINANCING:			
1	General Revenue Fund	7,500,000	7,500,000
	TOTAL, METHOD OF FINANCING	\$7,500,000	\$7,500,000
FULL-TIME EQUIVALENT POSITIONS (FTE):		75.00	75.00

DESCRIPTION / JUSTIFICATION:

With existing TIBIR support, UTSW researchers have successfully worked to develop novel therapies and diagnostic tools to treat brain injury and disease. In 2015, UTSW established the O'Donnell Brain Institute. Increased state funding is essential to extend basic discoveries from the lab and to seed the earliest steps in translational research for which there are no competitive sources of funding.

Recent successes in brain research include the discoveries of the first drug to boost brain cell regeneration, which attracted Google-backed investment to Texas; a groundbreaking protein that is helping to unlock the mechanisms for the progression of diseases such as Alzheimer's, with great promise for more effective therapies that might even prevent the disease already in clinical trials; and in the area of mental health, the identification of a biomarker with the potential for first ever physical diagnosis of psychosis, schizophrenia and bipolar disorders, providing a completely new avenue for the development of effective intervention. The establishment of the O'Donnell Brain Institute leverages UTSW's demonstrated expertise in neuroscience, clinical and translational medicine, and brain imaging to revolutionize how diseases and disorders affecting the brain are diagnosed, treated, and ultimately cured. Despite historical successes, development of basic discoveries into transformative patient care therapies at UTSW suffers from lack of funding for the early steps in basic and translational research and necessary research infrastructure. State funding of \$7.5M per year for the Institute will support the extension of basic discoveries from the lab and seed the earliest steps in translational research for which there are no competitive grant or investor sources of funding, yet are essential for fostering basic discoveries - with tremendous promise for bettering patient care, lowering healthcare costs, and ROI to the State - that result in novel patient therapies.

4.A. Exceptional Item Request Schedule
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE: **8/2/2016**
TIME: **1:37:49PM**

Agency code: **729**

Agency name:

The University of Texas Southwestern Medical Center

CODE DESCRIPTION

Excp 2018

Excp 2019

EXTERNAL/INTERNAL FACTORS:

Additional information for this strategy is available in Schedule 9, Special Item Information

DESCRIPTION OF ANTICIPATED OUT-YEAR COSTS :

Continuation of Program

ESTIMATED ANTICIPATED OUT-YEAR COSTS FOR ITEM:

<u>2020</u>	<u>2021</u>	<u>2022</u>
\$7,500,000	\$7,500,000	\$7,500,000

4.B. Exceptional Items Strategy Allocation Schedule
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/1/2016
 TIME: 8:34:25AM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Code	Description	Excp 2018	Excp 2019
Item Name: Texas Center for Advanced Radiation Therapy (TCART)			
Allocation to Strategy: 4-2-9 Center for Advanced Radiation Therapy			
OBJECTS OF EXPENSE:			
1001	SALARIES AND WAGES	2,750,000	2,750,000
1002	OTHER PERSONNEL COSTS	50,000	50,000
1005	FACULTY SALARIES	7,200,000	7,200,000
2009	OTHER OPERATING EXPENSE	10,000,000	10,000,000
TOTAL, OBJECT OF EXPENSE		\$20,000,000	\$20,000,000
METHOD OF FINANCING:			
1 General Revenue Fund		20,000,000	20,000,000
TOTAL, METHOD OF FINANCING		\$20,000,000	\$20,000,000
FULL-TIME EQUIVALENT POSITIONS (FTE):		75.0	75.0

4.B. Exceptional Items Strategy Allocation Schedule
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/1/2016
 TIME: 8:34:25AM

Agency code: 729 Agency name: The University of Texas Southwestern Medical Center

Code	Description	Excp 2018	Excp 2019
Item Name: Texas Institute for Brain Injury and Repair – O'Donnell Brain Institute			
Allocation to Strategy: 4-2-7 Texas Institute for Brain Injury and Repair			
OBJECTS OF EXPENSE:			
1001	SALARIES AND WAGES	2,858,250	2,858,250
1002	OTHER PERSONNEL COSTS	41,250	41,250
1005	FACULTY SALARIES	3,461,250	3,461,250
2009	OTHER OPERATING EXPENSE	1,139,250	1,139,250
TOTAL, OBJECT OF EXPENSE		\$7,500,000	\$7,500,000
METHOD OF FINANCING:			
1	General Revenue Fund	7,500,000	7,500,000
TOTAL, METHOD OF FINANCING		\$7,500,000	\$7,500,000
FULL-TIME EQUIVALENT POSITIONS (FTE):		75.0	75.0

4.C. Exceptional Items Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/1/2016
TIME: 8:34:55AM

Agency Code: 729 Agency name: The University of Texas Southwestern Medical Center

GOAL: 4 Provide Special Item Support

OBJECTIVE: 2 Research Special Items

STRATEGY: 7 Texas Institute for Brain Injury and Repair

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE DESCRIPTION	Excp 2018	Excp 2019
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OBJECTS OF EXPENSE:

1001 SALARIES AND WAGES	2,858,250	2,858,250
1002 OTHER PERSONNEL COSTS	41,250	41,250
1005 FACULTY SALARIES	3,461,250	3,461,250
2009 OTHER OPERATING EXPENSE	1,139,250	1,139,250
Total, Objects of Expense	\$7,500,000	\$7,500,000

METHOD OF FINANCING:

1 General Revenue Fund	7,500,000	7,500,000
Total, Method of Finance	\$7,500,000	\$7,500,000

FULL-TIME EQUIVALENT POSITIONS (FTE):

75.0	75.0
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EXCEPTIONAL ITEM(S) INCLUDED IN STRATEGY:

Texas Institute for Brain Injury and Repair – O'Donnell Brain Institute

4.C. Exceptional Items Strategy Request
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/1/2016
TIME: 8:34:55AM

Agency Code: **729** Agency name: **The University of Texas Southwestern Medical Center**

GOAL: 4 Provide Special Item Support

OBJECTIVE: 2 Research Special Items

STRATEGY: 9 Center for Advanced Radiation Therapy

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE DESCRIPTION	Excp 2018	Excp 2019
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OBJECTS OF EXPENSE:

1001 SALARIES AND WAGES	2,750,000	2,750,000
1002 OTHER PERSONNEL COSTS	50,000	50,000
1005 FACULTY SALARIES	7,200,000	7,200,000
2009 OTHER OPERATING EXPENSE	10,000,000	10,000,000
Total, Objects of Expense	\$20,000,000	\$20,000,000

METHOD OF FINANCING:

1 General Revenue Fund	20,000,000	20,000,000
Total, Method of Finance	\$20,000,000	\$20,000,000

FULL-TIME EQUIVALENT POSITIONS (FTE):

75.0	75.0
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EXCEPTIONAL ITEM(S) INCLUDED IN STRATEGY:

Texas Center for Advanced Radiation Therapy (TCART)

6.A. Historically Underutilized Business Supporting Schedule
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/1/2016
 Time: 8:35:38AM

Agency Code: 729 Agency: The University of Texas Southwestern Medical Center

COMPARISON TO STATEWIDE HUB PROCUREMENT GOALS

A. Fiscal Year 2014 - 2015 HUB Expenditure Information

Statewide HUB Goals	Procurement Category	% Goal	HUB Expenditures FY 2014			Total Expenditures FY 2014		HUB Expenditures FY 2015			Total Expenditures FY 2015	
			% Actual	Diff	Actual \$	% Goal	% Actual	Diff	Actual \$	% Goal	% Actual	Diff
11.2%	Heavy Construction	0.0 %	0.0%	0.0%	\$0	\$3,444	11.2 %	0.0%	-11.2%	\$0	\$0	
21.1%	Building Construction	21.3 %	21.2%	0.0%	\$32,998,892	\$155,293,176	14.2 %	14.2%	0.0%	\$11,031,725	\$77,651,024	
32.9%	Special Trade	20.9 %	20.9%	0.0%	\$1,777,352	\$8,486,624	20.7 %	20.7%	0.0%	\$1,462,457	\$7,080,501	
23.7%	Professional Services	13.9 %	13.9%	0.0%	\$1,873,768	\$13,527,785	12.0 %	12.0%	0.0%	\$1,252,291	\$10,443,982	
26.0%	Other Services	9.0 %	8.9%	0.0%	\$14,812,026	\$165,581,847	11.0 %	11.0%	0.0%	\$16,556,431	\$150,915,588	
21.1%	Commodities	14.0 %	14.0%	0.0%	\$47,938,366	\$342,248,743	11.7 %	11.7%	0.0%	\$48,447,322	\$415,168,428	
	Total Expenditures		14.5%		\$99,400,404	\$685,141,619		11.9%		\$78,750,226	\$661,259,523	

B. Assessment of Fiscal Year 2014 - 2015 Efforts to Meet HUB Procurement Goals

Attainment:

The agency attained an average goal of 13.21% of the applicable statewide HUB procurement goals in FY 2014 and FY 2015.

Applicability:

The Heavy Construction category was not applicable to agency's operations in FY 2015.

Factors Affecting Attainment:

In FY 2014 and FY 2015 the goal of certain Procurement Categories was not met. As a healthcare and research institution, University of Texas Southwestern Medical Center must contract for goods and services for which there is minimal HUB sources identified, such as major medical and research equipment, medical and laboratory products, blood products, and oncology pharmaceuticals.

"Good-Faith" Efforts:

It is the policy of the UT Southwestern Medical Center to encourage the use of historically underutilized businesses (HUBs) by state agencies and to assist agencies in the implementation of this policy through race, ethnic, and gender-neutral means. The purpose of the HUB program is to promote full and equal business opportunities for all businesses in an effort to remedy disparity in state procurement and contracting in accordance with the HUB goals specified in the State of Texas Disparity Study. This sub-chapter (relating to the Historically Underutilized Business Program) describes the minimum steps and requirements to be undertaken by the comptroller and state agencies to fulfill the state's HUB policy and attain aspirational goals recommended by the Texas Disparity Study. Texas Administrative Code Historically Underutilized Business Program RULE §20.10Policy and Purpose.

6.G HOMELAND SECURITY FUNDING SCHEDULE - PART A TERRORISM

DATE: 8/3/2016
 TIME: 10:15:11AM

85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

Agency code: **729** Agency name: **UT SW Med Center**

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
OBJECTS OF EXPENSE						
1001	SALARIES AND WAGES	\$66,336	\$58,329	\$59,204	\$60,092	\$60,993
1002	OTHER PERSONNEL COSTS	\$19,800	\$22,827	\$23,169	\$23,517	\$23,870
1005	FACULTY SALARIES	\$58,541	\$73,282	\$74,381	\$75,497	\$76,629
2003	CONSUMABLE SUPPLIES	\$297	\$297	\$297	\$297	\$297
2005	TRAVEL	\$375	\$1,076	\$1,076	\$1,076	\$1,076
2009	OTHER OPERATING EXPENSE	\$360,878	\$360,406	\$360,406	\$360,406	\$360,406
TOTAL, OBJECTS OF EXPENSE		\$506,227	\$516,217	\$518,533	\$520,885	\$523,271
METHOD OF FINANCING						
555	Federal Funds					
	CFDA 93.000.000, National Death Index	\$38,467	\$40,000	\$40,179	\$40,359	\$40,547
	CFDA 93.855.000, Allergy, Immunology and T	\$467,760	\$476,217	\$478,354	\$480,526	\$482,724
	Subtotal, MOF (Federal Funds)	\$506,227	\$516,217	\$518,533	\$520,885	\$523,271
TOTAL, METHOD OF FINANCE		\$506,227	\$516,217	\$518,533	\$520,885	\$523,271
FULL-TIME-EQUIVALENT POSITIONS		1.7	1.8	1.8	1.8	1.8

NO FUNDS WERE PASSED THROUGH TO LOCAL ENTITIES

NO FUNDS WERE PASSED THROUGH TO OTHER STATE AGENCIES OR INSTITUTIONS OF HIGHER EDUCATION

USE OF HOMELAND SECURITY FUNDS

Funds are used for salaries and operating expenses related to the projects.

6.G HOMELAND SECURITY FUNDING SCHEDULE - PART A TERRORISM

DATE: 8/3/2016
TIME: 10:15:11AM

Funds Passed through to Local Entities
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Agency code: 729 Agency name: UT SW Med Center

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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6.G HOMELAND SECURITY FUNDING SCHEDULE - PART A TERRORISM
Funds Passed through to State Agencies
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE: 8/3/2016
TIME: 10:15:11AM

Agency code: 729 Agency name: UT SW Med Center

CODE	DESCRIPTION	Exp 2015	Est 2016	Bud 2017	BL 2018	BL 2019
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UT Southwestern Medical Center (729)
6.H. Estimated Funds Outside the Institution's Bill Pattern
2016-17 and 2018-19 Biennia

	2016 - 2017 Biennium				2018 - 2019 Biennium			
	FY 2016 Revenue	FY 2017 Revenue	Biennium Total	Percent of Total	FY 2018 Revenue	FY 2019 Revenue	Biennium Total	Percent of Total
APPROPRIATED SOURCES INSIDE THE BILL PATTERN								
State Appropriations (excluding HEGI & State Paid Fringes)	\$ 153,084,715	\$ 159,327,346	\$ 312,412,061		\$ 184,991,537	\$ 184,991,537	\$ 369,983,074	
Tuition and Fees (net of Discounts and Allowances)	7,261,785	7,524,894	14,786,679		7,524,894	7,524,894	15,049,788	
Endowment and Interest Income	1,246,178	60,122	1,306,300		60,122	60,122	120,244	
Sales and Services of Educational Activities (net)	-	-	-		-	-	-	
Sales and Services of Hospitals (net)	-	-	-		-	-	-	
Other Income	43,130	48,730	91,860		48,730	48,730	97,460	
Total	161,635,808	166,961,092	328,596,900	6.1%	192,625,283	192,625,283	385,250,566	6.4%
APPROPRIATED SOURCES OUTSIDE THE BILL PATTERN								
State Appropriations (HEGI & State Paid Fringes)	\$ 32,665,085	\$ 34,204,547	\$ 66,869,632		\$ 34,546,592	\$ 34,892,058	\$ 69,438,651	
Higher Education Assistance Funds	-	-	-		-	-	-	
Available University Fund	-	-	-		-	-	-	
State Grants and Contracts	10,973	10,973	21,946		10,973	10,973	21,946	
Total	32,676,058	34,215,520	66,891,578	1.2%	34,557,565	34,903,031	69,460,597	1.2%
NON-APPROPRIATED SOURCES								
Tuition and Fees (net of Discounts and Allowances)	\$ 16,970,242	\$ 17,449,035	\$ 34,419,277		\$ 18,246,651	\$ 18,757,317	\$ 37,003,968	
Federal Grants and Contracts	204,692,798	199,518,112	404,210,910		205,395,616	211,449,038	416,844,654	
State Grants and Contracts	38,557,106	47,368,326	85,925,432		48,833,556	50,333,130	99,166,686	
Local Government Grants and Contracts	271,956,390	280,325,594	552,281,984		288,320,812.86	296,646,624.10	584,967,437	
Private Gifts and Grants	98,322,763	112,957,468	211,280,231		117,140,554	121,484,879	238,625,433	
Endowment and Interest Income	103,753,822	101,112,691	204,866,513		104,623,107	108,237,352	212,860,459	
Sales and Services of Educational Activities (net)	16,369,454	15,040,115	31,409,569		14,773,099	15,111,682	29,884,781	
Sales and Services of Hospitals (net)	987,015,250	1,160,707,534	2,147,722,784		1,218,206,548	1,290,304,051	2,508,510,599	
Professional Fees (net)	554,337,719	565,449,473	1,119,787,192		619,225,306	688,006,139	1,307,231,444	
Auxiliary Enterprises (net)	25,955,236	26,908,470	52,863,706		27,715,724	28,547,196	56,262,920	
Other Income	65,106,090	57,037,498	122,143,588		53,207,134	32,811,848	86,018,982	
Total	2,383,036,870	2,583,874,315	4,966,911,185	92.6%	2,715,688,107	2,861,689,256	5,577,377,363	92.5%
TOTAL SOURCES	\$ 2,577,348,736	\$ 2,785,050,928	\$ 5,362,399,664	100.0%	\$ 2,942,870,956	\$ 3,089,217,570	\$ 6,032,088,526	100.0%

6.I. Percent Biennial Base Reduction Options
10 % REDUCTION
85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/11/2016
Time: 5:02:14PM

Agency code: 729 Agency name: **The University of Texas Southwestern Medical Center**

Item Priority and Name/ Method of Financing	REVENUE LOSS			REDUCTION AMOUNT			TARGET
	2018	2019	Biennial Total	2018	2019	Biennial Total	
1 Special Items							
Category: Programs - Service Reductions (FTEs-Hiring Freeze)							
Item Comment: UT Southwestern Medical Center has submitted a plan to decrease its non-formula funding by 10%. UTSW already identified and realized many cost-saving opportunities to achieve the 5% reduction in funding for the current biennium; the additional 10% reduction could only be absorbed through significant reductions in personnel. The first 5% incremental reduction would result in the elimination of 22.9 FTE (full-time-equivalent) each year. This reduction would be applied across-the-board to all our Special Item programs and would directly impact the services, activities and outcomes from these Special Item programs, disproportionately impacting research and education in the basic sciences.							
Strategy: 4-1-1 Primary Care Residency Training Program							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$56,817	\$56,817	\$113,634	
General Revenue Funds Total	\$0	\$0	\$0	\$56,817	\$56,817	\$113,634	
Strategy: 4-2-1 Institute for Nobel/National-Academy Biomedical Research							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$300,810	\$300,810	\$601,620	
General Revenue Funds Total	\$0	\$0	\$0	\$300,810	\$300,810	\$601,620	
Strategy: 4-2-2 Institute for Innovations in Medical Technology							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$328,306	\$328,306	\$656,612	
General Revenue Funds Total	\$0	\$0	\$0	\$328,306	\$328,306	\$656,612	
Strategy: 4-2-3 Metroplex Comprehensive Medical Imaging Center							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$273,600	\$273,600	\$547,200	

6.I. Percent Biennial Base Reduction Options

10 % REDUCTION

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/11/2016
Time: 5:02:14PM

Agency code: 729 Agency name: **The University of Texas Southwestern Medical Center**

Item Priority and Name/ Method of Financing	REVENUE LOSS			REDUCTION AMOUNT			TARGET
	2018	2019	Biennial Total	2018	2019	Biennial Total	
General Revenue Funds Total	\$0	\$0	\$0	\$273,600	\$273,600	\$547,200	
Strategy: 4-2-4 Center for Obesity, Diabetes and Metabolism Research							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$328,320	\$328,320	\$656,640	
General Revenue Funds Total	\$0	\$0	\$0	\$328,320	\$328,320	\$656,640	
Strategy: 4-2-6 Center for Research of Sickle Cell Disease							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$54,720	\$54,720	\$109,440	
General Revenue Funds Total	\$0	\$0	\$0	\$54,720	\$54,720	\$109,440	
Strategy: 4-2-7 Texas Institute for Brain Injury and Repair							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$360,000	\$360,000	\$720,000	
General Revenue Funds Total	\$0	\$0	\$0	\$360,000	\$360,000	\$720,000	
Strategy: 4-2-8 Center for Regenerative Science and Medicine							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$384,000	\$384,000	\$768,000	
General Revenue Funds Total	\$0	\$0	\$0	\$384,000	\$384,000	\$768,000	
Strategy: 4-2-9 Center for Advanced Radiation Therapy							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$48,000	\$48,000	\$96,000	
General Revenue Funds Total	\$0	\$0	\$0	\$48,000	\$48,000	\$96,000	

6.I. Percent Biennial Base Reduction Options

10 % REDUCTION

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/11/2016
Time: 5:02:14PM

Agency code: 729 Agency name: **The University of Texas Southwestern Medical Center**

<u>Item Priority and Name/ Method of Financing</u>	REVENUE LOSS			REDUCTION AMOUNT			TARGET
	2018	2019	Biennial Total	2018	2019	Biennial Total	
Strategy: 4-3-1 Regional Burn Care Center							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$4,560	\$4,560	\$9,120	
General Revenue Funds Total	\$0	\$0	\$0	\$4,560	\$4,560	\$9,120	
Strategy: 4-4-1 Program for Science Teacher Access to Resources (STARS)							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$27,360	\$27,360	\$54,720	
General Revenue Funds Total	\$0	\$0	\$0	\$27,360	\$27,360	\$54,720	
Strategy: 4-5-1 Institutional Enhancement							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$36,480	\$36,480	\$72,960	
General Revenue Funds Total	\$0	\$0	\$0	\$36,480	\$36,480	\$72,960	
Item Total	\$0	\$0	\$0	\$2,202,973	\$2,202,973	\$4,405,946	
FTE Reductions (From FY 2018 and FY 2019 Base Request)				22.9	22.9		

2 Special Items

Category: Programs - Service Reductions (FTEs-Hiring Freeze)

Item Comment: An additional 5% incremental reduction planned by UTSW would result in the elimination of another 22.9 FTE each year, resulting in a total reduction of 45.8 FTE for each year. This reduction would be applied across-the-board to all our Special Item programs and would directly impact the services, activities and outcomes from these Special Item programs, disproportionately impacting research and education in the basic sciences.

Strategy: 4-1-1 Primary Care Residency Training Program

General Revenue Funds

6.I. Percent Biennial Base Reduction Options

10 % REDUCTION

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/11/2016
Time: 5:02:14PM

Agency code: 729 Agency name: **The University of Texas Southwestern Medical Center**

Item Priority and Name/ Method of Financing	REVENUE LOSS			REDUCTION AMOUNT			TARGET
	2018	2019	Biennial Total	2018	2019	Biennial Total	
1 General Revenue Fund	\$0	\$0	\$0	\$56,817	\$56,817	\$113,634	
General Revenue Funds Total	\$0	\$0	\$0	\$56,817	\$56,817	\$113,634	
Strategy: 4-2-1 Institute for Nobel/National-Academy Biomedical Research							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$300,810	\$300,810	\$601,620	
General Revenue Funds Total	\$0	\$0	\$0	\$300,810	\$300,810	\$601,620	
Strategy: 4-2-2 Institute for Innovations in Medical Technology							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$328,306	\$328,306	\$656,612	
General Revenue Funds Total	\$0	\$0	\$0	\$328,306	\$328,306	\$656,612	
Strategy: 4-2-3 Metroplex Comprehensive Medical Imaging Center							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$273,600	\$273,600	\$547,200	
General Revenue Funds Total	\$0	\$0	\$0	\$273,600	\$273,600	\$547,200	
Strategy: 4-2-4 Center for Obesity, Diabetes and Metabolism Research							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$328,320	\$328,320	\$656,640	
General Revenue Funds Total	\$0	\$0	\$0	\$328,320	\$328,320	\$656,640	
Strategy: 4-2-6 Center for Research of Sickle Cell Disease							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$54,720	\$54,720	\$109,440	

6.I. Percent Biennial Base Reduction Options

10 % REDUCTION

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/11/2016
Time: 5:02:14PM

Agency code: 729 Agency name: **The University of Texas Southwestern Medical Center**

Item Priority and Name/ Method of Financing	REVENUE LOSS			REDUCTION AMOUNT			TARGET
	2018	2019	Biennial Total	2018	2019	Biennial Total	
General Revenue Funds Total	\$0	\$0	\$0	\$54,720	\$54,720	\$109,440	
Strategy: 4-2-7 Texas Institute for Brain Injury and Repair							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$360,000	\$360,000	\$720,000	
General Revenue Funds Total	\$0	\$0	\$0	\$360,000	\$360,000	\$720,000	
Strategy: 4-2-8 Center for Regenerative Science and Medicine							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$384,000	\$384,000	\$768,000	
General Revenue Funds Total	\$0	\$0	\$0	\$384,000	\$384,000	\$768,000	
Strategy: 4-2-9 Center for Advanced Radiation Therapy							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$48,000	\$48,000	\$96,000	
General Revenue Funds Total	\$0	\$0	\$0	\$48,000	\$48,000	\$96,000	
Strategy: 4-3-1 Regional Burn Care Center							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$4,560	\$4,560	\$9,120	
General Revenue Funds Total	\$0	\$0	\$0	\$4,560	\$4,560	\$9,120	
Strategy: 4-4-1 Program for Science Teacher Access to Resources (STARS)							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$27,360	\$27,360	\$54,720	
General Revenue Funds Total	\$0	\$0	\$0	\$27,360	\$27,360	\$54,720	

6.I. Percent Biennial Base Reduction Options

10 % REDUCTION

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/11/2016
Time: 5:02:14PM

Agency code: 729 Agency name: **The University of Texas Southwestern Medical Center**

Item Priority and Name/ Method of Financing	REVENUE LOSS			REDUCTION AMOUNT			TARGET
	2018	2019	Biennial Total	2018	2019	Biennial Total	
Strategy: 4-5-1 Institutional Enhancement							
<u>General Revenue Funds</u>							
1 General Revenue Fund	\$0	\$0	\$0	\$36,480	\$36,470	\$72,950	
General Revenue Funds Total	\$0	\$0	\$0	\$36,480	\$36,470	\$72,950	
Item Total	\$0	\$0	\$0	\$2,202,973	\$2,202,963	\$4,405,936	
FTE Reductions (From FY 2018 and FY 2019 Base Request)				22.9	22.9		
AGENCY TOTALS							
General Revenue Total				\$4,405,946	\$4,405,936	\$8,811,882	\$8,811,882
Agency Grand Total	\$0	\$0	\$0	\$4,405,946	\$4,405,936	\$8,811,882	
Difference, Options Total Less Target							
Agency FTE Reductions (From FY 2018 and FY 2019 Base Request)				45.8	45.8		

Schedule 1A: Other Educational and General Income

8/11/2016 3:51:55PM

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

	Act 2015	Act 2016	Bud 2017	Est 2018	Est 2019
Gross Tuition					
Gross Resident Tuition	6,154,825	6,019,379	6,212,851	6,212,851	6,212,851
Gross Non-Resident Tuition	7,481,425	7,927,180	7,635,390	7,635,390	7,635,390
Gross Tuition	13,636,250	13,946,559	13,848,241	13,848,241	13,848,241
Less: Resident Waivers and Exemptions (excludes Hazlewood)	(275,504)	(282,411)	(269,578)	(269,578)	(269,578)
Less: Non-Resident Waivers and Exemptions	(5,234,568)	(5,365,803)	(5,121,984)	(5,121,984)	(5,121,984)
Less: Hazlewood Exemptions	(339,442)	(366,266)	(282,850)	(282,850)	(282,850)
Less: Board Authorized Tuition Increases (TX. Educ. Code Ann. Sec. 54.008)	(399,950)	(387,200)	(391,400)	(391,400)	(391,400)
Less: Tuition increases charged to doctoral students with hours in excess of 100 (TX. Educ. Code Ann. Sec. 54.012)	0	0	0	0	0
Less: Tuition increases charged to undergraduate students with excessive hours above degree requirements. (TX. Educ. Code Ann. Sec. 61.0595)	0	0	0	0	0
Less: Tuition rebates for certain undergraduates (TX. Educ. Code Ann. Sec. 54.0065)	0	0	0	0	0
Plus: Tuition waived for Students 55 Years or Older (TX. Educ. Code Ann. Sec. 54.013)	0	0	0	0	0
Less: Tuition for repeated or excessive hours (TX. Educ. Code Ann. Sec. 54.014)	0	0	0	0	0
Plus: Tuition waived for Texas Grant Recipients (TX. Educ. Code Ann. Sec. 56.307)	0	0	0	0	0
Subtotal	7,386,786	7,544,879	7,782,429	7,782,429	7,782,429
Less: Transfer of funds for Texas Public Education Grants Program (Tex. Educ. Code Ann. Sec. 56c) and for Emergency Loans (Tex. Educ. Code Ann. Sec. 56d)	(1,196,005)	(1,229,720)	(1,248,198)	(1,248,198)	(1,248,198)
Less: Transfer of Funds (2%) for Physician/Dental Loans (Medical Schools)	(161,381)	0	0	0	0
Less: Statutory Tuition (Tx. Educ. Code Ann. Sec. 54.051) Set Aside for Doctoral Incentive Loan Repayment Program (Tx. Educ. Code Ann. Sec. 56.095)	0	0	0	0	0
Less: Other Authorized Deduction					
Net Tuition	6,029,400	6,315,159	6,534,231	6,534,231	6,534,231

Schedule 1A: Other Educational and General Income

8/11/2016 3:51:55PM

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center					
	Act 2015	Act 2016	Bud 2017	Est 2018	Est 2019
Student Teaching Fees	0	0	0	0	0
Special Course Fees	0	0	0	0	0
Laboratory Fees	8,025	40,000	40,000	40,000	40,000
Subtotal, Tuition and Fees (Formula Amounts for Health-Related Institutions)	6,037,425	6,355,159	6,574,231	6,574,231	6,574,231
OTHER INCOME					
Interest on General Funds:					
Local Funds in State Treasury	36,582	38,121	60,122	60,122	60,122
Funds in Local Depositories, e.g., local amounts	0	0	0	0	0
Other Income (Itemize)					
Miscellaneous	49,551	43,130	48,730	48,730	48,730
Subtotal, Other Income	86,133	81,251	108,852	108,852	108,852
Subtotal, Other Educational and General Income	6,123,558	6,436,410	6,683,083	6,683,083	6,683,083
Less: O.A.S.I. Applicable to Educational and General Local Funds Payrolls	(291,838)	(335,903)	(335,551)	(335,551)	(335,551)
Less: Teachers Retirement System and ORP Proportionality for Educational and General Funds	(296,750)	(353,384)	(353,384)	(353,384)	(353,384)
Less: Staff Group Insurance Premiums	(600,503)	(1,105,000)	(1,218,680)	(1,218,680)	(1,218,680)
Total, Other Educational and General Income (Formula Amounts for General Academic Institutions)	4,934,467	4,642,123	4,775,468	4,775,468	4,775,468
Reconciliation to Summary of Request for FY 2015-2017:					
Plus: Transfer of Funds for Texas Public Education Grants Program and Physician Loans	1,196,005	1,229,720	1,248,198	1,248,198	1,248,198
Plus: Transfer of Funds 2% for Physician/Dental Loans (Medical Schools)	161,381	0	0	0	0
Plus: Transfer of Funds for Cancellation of Student Loans of Physicians	0	0	0	0	0
Plus: Organized Activities	0	0	0	0	0
Plus: Staff Group Insurance Premiums	600,503	1,105,000	1,218,680	1,218,680	1,218,680
Plus: Board-authorized Tuition Income	399,950	387,200	391,400	391,400	391,400
Plus: Tuition Increases Charged to Doctoral Students with Hours in Excess of 100	0	0	0	0	0

Schedule 1A: Other Educational and General Income

8/11/2016 3:51:55PM

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center					
	Act 2015	Act 2016	Bud 2017	Est 2018	Est 2019
Plus: Tuition Increases Charged to Undergraduate Students with Excessive Hours above Degree Requirements (TX. Educ. Code Ann. Sec. 61.0595)	0	0	0	0	0
Plus: Tuition rebates for certain undergraduates (TX Educ.Code Ann. Sec. 54.0065)	0	0	0	0	0
Plus: Tuition for repeated or excessive hours (TX. Educ. Code Ann. Sec. 54.014)	0	0	0	0	0
Less: Tuition Waived for Students 55 Years or Older	0	0	0	0	0
Less: Tuition Waived for Texas Grant Recipients	0	0	0	0	0
Total, Other Educational and General Income Reported on Summary of Request	7,292,306	7,364,043	7,633,746	7,633,746	7,633,746

Schedule 2: Selected Educational, General and Other Funds

8/9/2016 12:45:42PM

85th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

729 The University of Texas Southwestern Medical Center

	Act 2015	Act 2016	Bud 2017	Est 2018	Est 2019
General Revenue Transfers					
Transfer from Coordinating Board for Advanced Research Program	0	0	0	0	0
Transfer from Coordinating Board for Texas College Work Study Program (2015, 2016, 2017)	10,973	10,973	10,973	0	0
Transfer from Coordinating Board for Professional Nursing Shortage Reduction Program	0	0	0	0	0
Transfer of GR Group Insurance Premium from Comptroller (UT and TAMU Components only)	14,153,297	16,774,666	17,977,409	0	0
Less: Transfer to Other Institutions	0	0	0	0	0
Less: Transfer to Department of Health, Disproportionate Share - State-Owned Hospitals (2015, 2016, 2017)	0	0	0	0	0
Other (Itemize)					
Other: Fifth Year Accounting Scholarship	0	0	0	0	0
Texas Grants	0	0	0	0	0
B-on-Time Program	0	0	0	0	0
Less: Transfer to System Administration	0	0	0	0	0
Subtotal, General Revenue Transfers	14,164,270	16,785,639	17,988,382	0	0
General Revenue HEF for Operating Expenses	0	0	0	0	0
Transfer from Available University Funds (UT, A&M and Prairie View A&M Only)	0	0	0	0	0
Other Additions (Itemize)					
Increase Capital Projects - Educational and General Funds	0	0	0	0	0
Transfer from Department of Health, Disproportionate Share - State-owned Hospitals (2015, 2016, 2017)	0	0	0	0	0
Transfers from Other Funds, e.g., Designated funds transferred for educational and general activities (Itemize)	0	0	0	0	0
Transfer from Coordinating Board for Incentive Funding	0	0	0	0	0
Other (Itemize)					
Gross Designated Tuition (Sec. 54.0513)	14,192,200	14,755,918	15,535,917	15,535,917	15,535,917
Indirect Cost Recovery (Sec. 145.001(d))	72,618,524	74,322,871	76,458,948	76,458,948	76,458,948
Correctional Managed Care Contracts	0	0	0	0	0

Schedule 3B: Staff Group Insurance Data Elements (UT/A&M)
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

8/12/2016 10:21:41AM

729 The University of Texas Southwestern Medical Center

	E&G Enrollment	GR Enrollment	GR-D/OEGI Enrollment	Total E&G (Check)	Local Non-E&G
GR & GR-D Percentages					
GR %	96.00%				
GR-D/Other %	4.00%				
Total Percentage	100.00%				
FULL TIME ACTIVES					
1a Employee Only	892	856	36	892	6,398
2a Employee and Children	322	309	13	322	1,520
3a Employee and Spouse	220	211	9	220	1,085
4a Employee and Family	448	430	18	448	1,955
5a Eligible, Opt Out	0	0	0	0	67
6a Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	1,882	1,806	76	1,882	11,025
PART TIME ACTIVES					
1b Employee Only	53	51	2	53	254
2b Employee and Children	4	4	0	4	23
3b Employee and Spouse	12	12	0	12	48
4b Employee and Family	10	10	0	10	54
5b Eligible, Opt Out	0	0	0	0	437
6b Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	79	77	2	79	816
Total Active Enrollment	1,961	1,883	78	1,961	11,841

Schedule 3B: Staff Group Insurance Data Elements (UT/A&M)
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	E&G Enrollment	GR Enrollment	GR-D/OEGI Enrollment	Total E&G (Check)	Local Non-E&G
FULL TIME RETIREES by ERS					
1c Employee Only	180	173	7	180	1,289
2c Employee and Children	10	10	0	10	31
3c Employee and Spouse	85	82	3	85	659
4c Employee and Family	5	5	0	5	33
5c Eligible, Opt Out	0	0	0	0	0
6c Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	280	270	10	280	2,012
PART TIME RETIREES by ERS					
1d Employee Only	0	0	0	0	0
2d Employee and Children	0	0	0	0	0
3d Employee and Spouse	0	0	0	0	0
4d Employee and Family	0	0	0	0	0
5d Eligible, Opt Out	0	0	0	0	0
6d Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	0	0	0	0	0
Total Retirees Enrollment	280	270	10	280	2,012
TOTAL FULL TIME ENROLLMENT					
1e Employee Only	1,072	1,029	43	1,072	7,687
2e Employee and Children	332	319	13	332	1,551
3e Employee and Spouse	305	293	12	305	1,744
4e Employee and Family	453	435	18	453	1,988
5e Eligible, Opt Out	0	0	0	0	67
6e Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	2,162	2,076	86	2,162	13,037

Schedule 3B: Staff Group Insurance Data Elements (UT/A&M)

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Automated Budget and Evaluation System of Texas (ABEST)

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	E&G Enrollment	GR Enrollment	GR-D/OEGI Enrollment	Total E&G (Check)	Local Non-E&G
TOTAL ENROLLMENT					
1f Employee Only	1,125	1,080	45	1,125	7,941
2f Employee and Children	336	323	13	336	1,574
3f Employee and Spouse	317	305	12	317	1,792
4f Employee and Family	463	445	18	463	2,042
5f Eligible, Opt Out	0	0	0	0	504
6f Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	2,241	2,153	88	2,241	13,853

Schedule 4: Computation of OASI
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

Agency 729 The University of Texas Southwestern Medical Center

Proportionality Percentage Based on Comptroller Accounting Policy Statement #011, Exhibit 2	2015		2016		2017		2018		2019	
	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>
General Revenue (% to Total)	96.6280	\$8,362,900	96.0000	\$8,061,668	96.0000	\$8,053,222	96.0000	\$8,053,222	96.0000	\$8,053,222
Other Educational and General Funds (% to Total)	3.3720	\$291,838	4.0000	\$335,903	4.0000	\$335,551	4.0000	\$335,551	4.0000	\$335,551
Health-Related Institutions Patient Income (% to Total)	0.0000	\$0	0.0000	\$0	0.0000	\$0	0.0000	\$0	0.0000	\$0
Grand Total, OASI (100%)	100.0000	\$8,654,738	100.0000	\$8,397,571	100.0000	\$8,388,773	100.0000	\$8,388,773	100.0000	\$8,388,773

Schedule 5: Calculation of Retirement Proportionality and ORP Differential

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Automated Budget and Evaluation System of Texas (ABEST)

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Description	Act 2015	Act 2016	Bud 2017	Est 2018	Est 2019
Proportionality Amounts					
Gross Educational and General Payroll - Subject To TRS Retirement	80,629,529	81,013,103	81,013,103	81,013,103	81,013,103
Employer Contribution to TRS Retirement Programs	5,482,808	5,508,891	5,508,891	5,508,891	5,508,891
Gross Educational and General Payroll - Subject To ORP Retirement	50,266,652	50,389,651	50,389,651	50,389,651	50,389,651
Employer Contribution to ORP Retirement Programs	3,317,599	3,325,717	3,325,717	3,325,717	3,325,717
Proportionality Percentage					
General Revenue	96.6280 %	96.0000 %	96.0000 %	96.0000 %	96.0000 %
Other Educational and General Income	3.3720 %	4.0000 %	4.0000 %	4.0000 %	4.0000 %
Health-related Institutions Patient Income	0.0000 %	0.0000 %	0.0000 %	0.0000 %	0.0000 %
Proportional Contribution					
Other Educational and General Proportional Contribution (Other E&G percentage x Total Employer Contribution to Retirement Programs)	296,750	353,384	353,384	353,384	353,384
HRI Patient Income Proportional Contribution (HRI Patient Income percentage x Total Employer Contribution To Retirement Programs)	0	0	0	0	0
Differential					
Differential Percentage	1.9000 %	1.9000 %	1.9000 %	1.9000 %	1.9000 %
Gross Payroll Subject to Differential - Optional Retirement Program	72,905,802	73,186,862	73,186,862	73,186,862	73,186,862
Total Differential	1,385,210	1,390,550	1,390,550	1,390,550	1,390,550

Schedule 6: Constitutional Capital Funding
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 Automated Budget and Evaluation System of Texas (ABEST)

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729 The University of Texas Southwestern Medical Center					
Activity	Act 2015	Act 2016	Bud 2017	Est 2018	Est 2019
A. PUF Bond Proceeds Allocation	2,000,000	2,200,000	4,400,000	4,400,000	4,400,000
Project Allocation					
Library Acquisitions	2,000,000	0	0	0	0
Construction, Repairs and Renovations	0	2,200,000	4,400,000	4,400,000	4,400,000
Furnishings & Equipment	0	0	0	0	0
Computer Equipment & Infrastructure	0	0	0	0	0
Reserve for Future Consideration	0	0	0	0	0
Other (Itemize)					
B. HEF General Revenue Allocation	0	0	0	0	0
Project Allocation					
Library Acquisitions	0	0	0	0	0
Construction, Repairs and Renovations	0	0	0	0	0
Furnishings & Equipment	0	0	0	0	0
Computer Equipment & Infrastructure	0	0	0	0	0
Reserve for Future Consideration	0	0	0	0	0
HEF for Debt Service	0	0	0	0	0
Other (Itemize)					

Schedule 7: Personnel
 85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/3/2016
 Time: 11:57:42AM

Agency code: **729** Agency name: **UT SW Med Center**

	Actual 2015	Actual 2016	Budgeted 2017	Estimated 2018	Estimated 2019
Part A.					
FTE Postions					
Directly Appropriated Funds (Bill Pattern)					
Educational and General Funds Faculty Employees	307.6	369.1	374.9	374.9	374.9
Educational and General Funds Non-Faculty Employees	1,524.9	1,554.1	1,548.3	1,536.3	1,536.3
Subtotal, Directly Appropriated Funds	1,832.5	1,923.2	1,923.2	1,911.2	1,911.2
Other Appropriated Funds					
Other (Itemize)	38.7	39.8	39.8	39.8	39.8
Subtotal, Other Appropriated Funds	38.7	39.8	39.8	39.8	39.8
Subtotal, All Appropriated	1,871.2	1,963.0	1,963.0	1,951.0	1,951.0
Non Appropriated Funds Employees	11,365.4	12,600.4	12,765.4	13,404.9	14,087.4
Subtotal, Other Funds & Non-Appropriated	11,365.4	12,600.4	12,765.4	13,404.9	14,087.4
GRAND TOTAL	13,236.6	14,563.4	14,728.4	15,355.9	16,038.4

Schedule 7: Personnel
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Date: 8/3/2016
 Time: 11:57:42AM

Agency code: **729** Agency name: **UT SW Med Center**

	Actual 2015	Actual 2016	Budgeted 2017	Estimated 2018	Estimated 2019
Part B.					
Personnel Headcount					
Directly Appropriated Funds (Bill Pattern)					
Educational and General Funds Faculty Employees	344.0	333.0	392.0	392.0	392.0
Educational and General Funds Non-Faculty Employees	1,696.0	1,673.0	1,628.0	1,628.0	1,628.0
Subtotal, Directly Appropriated Funds	2,040.0	2,006.0	2,020.0	2,020.0	2,020.0
Other Appropriated Funds					
Other (Itemize)	158.0	163.0	163.0	163.0	163.0
Subtotal, Other Appropriated Funds	158.0	163.0	163.0	163.0	163.0
Subtotal, All Appropriated	2,198.0	2,169.0	2,183.0	2,183.0	2,183.0
Non Appropriated Funds Employees	11,804.0	12,910.0	14,629.0	15,360.0	16,128.0
Subtotal, Non-Appropriated	11,804.0	12,910.0	14,629.0	15,360.0	16,128.0
GRAND TOTAL	14,002.0	15,079.0	16,812.0	17,543.0	18,311.0

Schedule 7: Personnel
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 Automated Budget and Evaluation System of Texas (ABEST)

Date: 8/3/2016
 Time: 11:57:42AM

Agency code: **729** Agency name: **UT SW Med Center**

	Actual 2015	Actual 2016	Budgeted 2017	Estimated 2018	Estimated 2019
PART C.					
Salaries					
Directly Appropriated Funds (Bill Pattern)					
Educational and General Funds Faculty Employees	\$52,553,781	\$62,106,238	\$62,088,343	\$64,330,110	\$64,596,712
Educational and General Funds Non-Faculty Employees	\$80,016,353	\$82,661,273	\$82,403,098	\$80,239,546	\$80,824,336
Subtotal, Directly Appropriated Funds	\$132,570,134	\$144,767,511	\$144,491,441	\$144,569,656	\$145,421,048
Other Appropriated Funds					
Other (Itemize)	\$4,486,638	\$4,821,631	\$4,478,609	\$4,568,181	\$4,659,545
Subtotal, Other Appropriated Funds	\$4,486,638	\$4,821,631	\$4,478,609	\$4,568,181	\$4,659,545
Subtotal, All Appropriated	\$137,056,772	\$149,589,142	\$148,970,050	\$149,137,837	\$150,080,593
Non Appropriated Funds Employees	\$972,369,462	\$1,113,336,851	\$1,238,700,192	\$1,300,635,201	\$1,365,666,962
Subtotal, Non-Appropriated	\$972,369,462	\$1,113,336,851	\$1,238,700,192	\$1,300,635,201	\$1,365,666,962
GRAND TOTAL	\$1,109,426,234	\$1,262,925,993	\$1,387,670,242	\$1,449,773,038	\$1,515,747,555

Schedule 8B: Tuition Revenue Bond Issuance History

8/1/2016 8:45:37AM

85th Regular Session, Agency Submission, Version 1
 Automated Budget and Evaluation System of Texas (ABEST)

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Authorization Date	Authorization Amount	Issuance Date	Issuance Amount	Authorized Amount Outstanding as of 08/31/2016	Proposed Issuance Date for Outstanding Authorization	Proposed Issuance Amount for Outstanding Authorization
1997	\$20,000,000	Sep 16 1998	\$20,000,000			
		<i>Subtotal</i>	\$20,000,000	\$0		
2001	\$40,000,000	Oct 2 2001	\$40,000,000			
		<i>Subtotal</i>	\$40,000,000	\$0		
2003	\$56,000,000	Nov 4 2004	\$56,000,000			
		<i>Subtotal</i>	\$56,000,000	\$0		
2006	\$42,000,000	Feb 15 2008	\$5,590,000			
		Jan 6 2009	\$33,025,000			
		Feb 18 2009	\$3,385,000			
		<i>Subtotal</i>	\$42,000,000	\$0		
2015	\$80,000,000	Jul 1 2016	\$40,000,000			
		Aug 22 2016	\$40,000,000			
		<i>Subtotal</i>	\$80,000,000	\$0		

Schedule 8D: Tuition Revenue Bonds Request by Project
 83rd Regular Session, Agency Submission, Version 1

Agency Code: **729**

Agency Name: **The University of Texas Southwestern Medical Center at Dallas**

Project Name	Authorization Year	Estimated Final Payment Date	Requested Amount 2018	Requested Amount 2019
SWM North Campus Ph. III	1997	8/15/2018	\$ 647,287.50	\$ -
SWM North Campus Ph. III Finish Out	1997	8/15/2018	\$ 347,325.00	\$ -
SWM North Campus Ph. IV	2001/2003	8/15/2022	\$ 5,378,437.50	\$ 4,532,200.00
SWM North Campus Ph. V	2006	8/15/2021	\$ 5,955,300.00	\$ 7,793,500.00
SWM Vivarium and Aging Research Infrastructur	2015	8/15/2025	\$ 6,191,781.00	\$ 6,194,431.00
			<u>\$ 18,520,131.00</u>	<u>\$ 18,520,131.00</u>

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Special Item: **1** **Primary Care Residency Training**

(1) Year Special Item: 1996
Original Appropriations: \$1,557,500

(2) Mission of Special Item:

Medical education is only partially complete when the M.D. degree is awarded. Further education in accredited residency programs is essential for the development of the full range of knowledge and skills to perform medical diagnosis and treatment and the certification required for a doctor to practice. This residency education is a major part of the primary mission of Texas' medical schools. UTSW shoulders the burden of training the vast majority of residents, in primary and specialty care, in all of N Texas. Consequently, it has more residents than every other State institution, and thus bears the greatest share of the State's resident costs. Serving the mission of training residents has significant costs, and the primary cost borne by medical schools is that of providing education by faculty. A portion of the costs associated with faculty supervising the care residents provide is paid with Medicare GME funds. Other than the State GME formula, which pays only ~1/3rd of the ~\$18,000 annual per resident faculty supervision cost, there are no dedicated funds for residents' education.

This strategy helps fund the disproportionate cost UTSW bears in educating one of the State's largest number of primary care residents, including direct resident support through payment of 15 stipends. It is essential to continue the number and quality of primary care residency programs at UTSW since such programs are the most important source of primary care doctors in N Texas and statewide.

(3) (a) Major Accomplishments to Date:

This item critically supports the statewide goal of decreasing the shortage of primary care doctors and providing quality primary care to the citizens of Texas. UT Southwestern continues to train more primary care doctors than any other State institution in Texas, with 367 residents in primary care programs, compared to 305 for the next highest State institution. An additional combined training program in Internal Medicine/Pediatrics has been initiated in 2016 and approval has been received for the addition of a new Family Medicine Residency training site in 2017. These new programs will add an additional 28 primary care training residency positions.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

Approximately 26% of UT Southwestern's 1,394 residents are in primary care programs. UT Southwestern intends to continue maintaining the largest and most competitive primary care residency training programs in Texas, in order to continue graduating ~120 primary care doctors every year to address the shortage of primary care doctors and provide quality primary care to the citizens of Texas.

(4) Funding Source Prior to Receiving Special Item Funding:

Previously funded by MSRDP Funds

(5) Formula Funding:

N

(6) Startup Funding:

N

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(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016 \$ 207,436 Federal Funds
\$ 525,921 Private Funds
2017 \$ 207,436 Federal Funds
\$ 525,921 Private Funds
2018 \$ 207,436 Federal Funds
\$ 525,921 Private Funds
2019 \$ 207,436 Federal Funds
\$ 525,921 Private Funds

(9) Consequences of Not Funding:

Any reduction in funding for FY 16-17 compared to FY 15-16 appropriated amounts would result in fewer critically-needed primary care residents supported through this program. With increasing pressure on other sources of funding and with no other funding dedicated to this purpose, a reduction in primary care residency program funding would not be replaced. Reductions from FY10-11 and FY12-13 have not been restored, and any further reduction to UT Southwestern for this Special Item not only would impact the quality of the education received by the largest number of primary care residents among Texas health institutions, but would directly result in a reduction in the number of primary care residents trained. With an existing shortage of primary care doctors practicing in the state, Texas can ill afford to lose any primary care residency positions at any institution across the state.

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Special Item: 2 Institute for Nobel/National Academy Biomedical Research

(1) Year Special Item: 2004
Original Appropriations: \$7,000,000

(2) Mission of Special Item:

The Institute for Nobel/National-Academy Biomedical Research began in 2004, predicated on the fact that Texas' long-term success in biomedical science and biotechnology industry depends on having research leaders at our health institutions who rank among the best in the world. This Institute is extremely effective in facilitating this for Texas' future. The National Academy of Sciences is the scientific hall of fame and election as a member is the highest honor in the U.S. for a scientist. With almost 70% of all National Academy members at Texas health institutions at UTSW, and with three of its six Nobel laureates as active faculty members, UTSW is exclusively positioned in Texas for the Institute for Nobel/National-Academy Biomedical Research.

Investigators of Nobel Prize-and National Academy-caliber conduct cutting-edge research, bring to Texas millions of dollars in grant funds, and attract the best and brightest co-workers. UTSW is working to further leverage the success of our globally-recognized research leaders in order to expand research opportunities, recruit more world-class scientists and secure more funds from sources outside Texas. Exceptional Item funding has been appropriated specifically to:

- Provide incentives for highly sought-after scientists to remain in Texas
- Bring millions in outside grants to Texas
- Cultivate state-of-the-art research and technologies
- Recruit rising-star scientists mentored by our accomplished faculty members

(3) (a) Major Accomplishments to Date:

When the Institute was first funded in 2004, UTSW was home to 4 Nobel Laureates and to 13 of the 16 medical National Academy of Sciences members in Texas. After only eight years, a star faculty member recruited back from California in 2011 with Institute support won the 2011 Nobel Prize for seminal discoveries made at UTSW in the 1990s. At present, 22 UTSW faculty members have been elected to the National Academy of Sciences and 18 members have been elected to the National Academy of Medicine. These numbers represent a majority of elected members at all Texas HRIs. This support has paid tremendous dividends for Texas in other ways. The Institute has had remarkable success in leveraging State investment, with almost 78 highly sought after, rising-star scientists having been successfully recruited to Texas from Harvard, Yale, and elsewhere in order to collaborate with UTSW National Academy members and Nobel laureates. Also since 2004, with Institute support all but one of UTSW's elite scientists have been retained, although all are constantly being recruited. Beyond maintaining vigorous research programs, these individuals are crucially important in recruiting the best junior faculty from other leading institutions. Finally, UTSW has leveraged Institute seed research funding into a major economic engine for Texas. In general, UTSW brings in \$9 for every State research \$1 invested, and accordingly, Institute scientists have secured ~\$36M/year in external grants since 2004.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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When the Institute was assessed in 2006 by external scientific reviewers on behalf of THECB, it received the highest possible ratings and accolades. Reviewers pointed out that every measurable record of academic productivity, performance and quality had been achieved. This high praise is indicative of the wisdom of targeting funding based on programmatic quality and underscores how doing so is an outstanding investment for the state.

While reduced 26% along with all other research special items starting in FY12-13, current funding levels will allow UTSW to continue to leverage the remarkable success of our globally-recognized research leaders in biomedicine in order to:

- recruit more world-class collaborators who in turn attract the best and brightest co-workers (to date, almost 80 highly sought after young scientists have been recruited to Texas, and one lead faculty won a 2011 Nobel Prize)
- yield new discoveries and cultivate patentable technologies for our most common, chronic and devastating diseases, and
- bring even more tens of millions of dollars per year in external funds into the Texas economy (>\$36M/year since 2004).

Ultimately, Nobel Prize- and National Academy-caliber faculty leaders enable remarkable research productivity at UTSW. In FY15 our faculty members were responsible for \$423M in total research expenditures. These research dollars are spent in Texas and generate enormous job growth and have a great economic impact.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$39,256,483	Federal Funds
	\$12,981,383	Private Funds
2017	\$39,500,000	Federal Funds
	\$13,000,000	Private Funds
2018	\$39,500,000	Federal Funds
	\$13,000,000	Private Funds
2019	\$39,500,000	Federal Funds
	\$13,000,000	Private Funds

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(9) Consequences of Not Funding:

Without research Special Item funding to support these elite scientists, UT Southwestern and Texas are highly vulnerable to their recruitment by states interested in developing their commercial medical business base. The loss of even one National Academy member in the next two years will have a correspondingly large impact on reducing technical talent and will result in the loss of millions of outside funding to Texas. Moreover, with the NIH reducing external funding, attracting the best becomes more important for growing the research base in Texas, the competition becomes fiercer and institutions without independent funding sources will have a harder time recruiting and retaining star researchers.

Funding to the Institute positions Texas to offer research support to attract and retain either current National Academy members or rising-star investigators who will collaborate with them. No other program in Texas can specifically target such a large number of faculty members of this recognized caliber, ensure they remain in Texas, further propel their research with the resources to build teams of collaborators and allow them to mentor the next generation of medical-science leaders in Texas. Such State investment in these scientists is essential for Texas and will allow us to have a medical school that ranks in the top 10 in the nation. This ranking in turn will ensure that the best students in Texas need not leave the state to obtain a stellar education as a physician.

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Special Item: 3 **Institute for Innovations in Medical Technology**

(1) Year Special Item: 2002
Original Appropriations: \$9,000,000

(2) Mission of Special Item:

The mission of the Institute for Innovations in Medical Technology (IIMT) is to cultivate cutting-edge research with potential to develop into commercializable technologies, and to help transition them from discovery to patient care. This goal is being accomplished by developing and maintaining a unique group of specialized "Core" Laboratory facilities that support such research affordably and efficiently, retaining an extraordinary concentration of innovative biomedical scientists on our faculty and facilitating the recruitment of rising star faculty to Texas, bringing millions in federal and private grants to the state, and maintaining enhanced infrastructure and expert staff to facilitate commercialization, which in turn attracts vital biotechnology partners to North Texas.

(3) (a) Major Accomplishments to Date:

The Institute has provided essential infrastructure for early-stage research to identify drug targets and other treatments. To achieve its chief goal of transitioning technologies to patient care, IIMT to date has created 12 Core Labs that provide the latest equipment and expertise necessary to support faculty research. Core Labs offer research services at marginal cost for use by all investigators and by commercial partners housed in our Bio Center, an incubator financed with tech transfer revenue. The cost to set up the Cores in individual labs or start-up companies would be prohibitive, but by making them widely available on a subsidized basis, many research projects can tap into state-of-the-art technologies to make scientific breakthroughs. Access to the Cores has aided scientific discovery and made hundreds of UTSW researchers more competitive for grants (>\$500 million brought to Texas since FY04). In addition, the UTSW Technology Development office has expanded. To date, 15 companies have been formed raising >\$1.6 billion in financing; almost 900 discoveries have been licensed for development and over \$180 million in revenue been generated. Recently, three new companies were formed based on faculty research, which in turn raised in aggregate over \$40 million. These companies include Spectral MD, Peloton Therapeutics and Vitruvian Bio Medical, which develop devices for long-term bed-ridden patients, anticancer drugs and therapies for Alzheimer's disease, respectively.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

With the Core Labs, North Texas is positioned to meet the needs of future biotech firms seeking to locate where state-of-the-art facilities are available. Since 1998, UTSW has received 629 645 patents, executed 862 licenses and options for patented and non-patented technologies, and raised over \$183 million in license revenue. More than 0 products are in clinical trials or pre-clinical toxicology studies. On this basis and track record, the Institute at UTSW anticipates launching additional biotechnology companies in Dallas over the next two years.

It is also expected that the Institute will continue to support research with its unique Core facilities, and to support technology transfer. Continued research support will make hundreds of UT Southwestern investigators more competitive for grant funding, resulting in millions more in external funding coming to Texas. Such external funding not only enhances economic development in the short term by funding salaries and supplies for researchers, it also enhances economic development in the long term through scientific discoveries that form the basis for high-tech industries. Together, research and technology transfer support will lead to groundbreaking findings, patent filing, and ultimately, commercializable technologies that will improve treatments for patients in Texas and the world.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

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(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$21,670,187	Federal Funds
	\$ 7,744,048	Private Funds
2017	\$21,750,000	Federal Funds
	\$ 7,750,000	Private Funds
2018	\$21,750,000	Federal Funds
	\$ 7,750,000	Private Funds
2019	\$21,750,000	Federal Funds
	\$ 7,750,000	Private Funds

(9) Consequences of Not Funding:

When the Institute was assessed in 2008 by external scientific reviewers on behalf of THECB, it received the highest possible ratings with such comments as “the Institute is making a significant impact on the Texas economy and that funding should be continued for this exceptionally productive and innovative project.”

While IIMT capitalized on momentum built since 2002, the continuing 26% reduction in funding for research special items implemented in FY12-13 has hindered research that would otherwise have led to the development of new biotechnologies and limited the crucial development of Core Labs to facilitate the transition from discovery to commercialization.

Having access to the Core Labs has not only aided scientific discovery, it has made UTSW researchers more competitive for grants, resulting in >\$50 million in funds brought to Texas in FY14-15.

On the whole, UTSW has the opportunity to create a significant commercialization center in Dallas. The BioCenter, an incubator to house industry partners and foster collaborations with UTSW faculty holds promise for creating a critical mass of biotech in North Texas. The Core Labs continue to identify and offer leading technologies to UTSW researchers and partners. Without continued funding, not only will research that is already identifying drug candidates and other treatments be further impaired, but the promise of a biotech industry in North Texas becomes unfeasible.

729 The University of Texas Southwestern Medical Center

Special Item: 4 Metroplex Comprehensive Medical Imaging Center

(1) Year Special Item: 2006
Original Appropriations: \$7,500,000

(2) Mission of Special Item:

Modern imaging techniques permit exquisite views of both structure and function from views of every atom in a protein molecule to functional magnetic resonance images of the neural activities that underlie complex behaviors in humans. With such amazing opportunities, the Imaging Center's scientists and doctors are engaged in both the development of imaging technologies and their exploitation to understand and treat disease. The goals of the Center are to:

- Provide the only imaging center of its kind in the Southwest, allowing UT Southwestern researchers and collaborators at local universities to investigate molecular and cellular mechanisms of disease.
- Advance the diagnosis, treatment, and prevention of numerous debilitating diseases through the development and use of advanced medical imaging.
- Retain highly sought-after basic and clinical researchers and recruit rising star faculty to Texas.
- Bring millions in federal and private grants to Texas.

To achieve these goals, the Center at UTSW encompasses a broad spectrum of imaging activities. The Advanced Imaging Research Center established in collaboration with UT Dallas and UT Arlington houses necessary state-of-the-art instruments and a variety of other imaging capabilities are encompassed in Core Labs. Ultimately, the unprecedented images and measurements of healthy and diseased tissue that modern imaging provides are crucial to developing effective treatments for the sick and, eventually, preventive care.

(3) (a) Major Accomplishments to Date:

Funding for the Center has accelerated existing research, enabled recruitment of more world-class faculty in other imaging-related fields, and made available to all faculty and collaborators on a per-use basis world-class imaging facilities. As a result, there is no other center in Texas and arguably in the U.S. that can match the combination of basic science strengths, clinicians seeking new insights into metabolic, neurologic, psychiatric and other diseases, and state-of-the-art equipment. The Center's equipment and corresponding imaging expertise have stimulated funding on all three UT campuses in North Texas (UTSW, UTD, and UTA) and catalyzed many collaborative research and educational programs. One of the first CPRIT multi-investigator grants to develop novel cancer imaging technologies was awarded to 8 Center faculty with 2 scientists each from Texas A&M and MD Anderson. This substantial award was made possible only by the availability of the Center's unique imaging equipment and faculty expertise not found elsewhere in Texas. The Green Fellows program which brings 20 of UTD's brightest undergraduate science/engineering students to UTSW each spring semester for a concentrated research effort continues to thrive. New funding in the imaging sciences has steadily increased since the Center was established, totaling >\$75M in FY14-15. Center faculty have secured significant funds from NIH (a large-scale center grant collaboration with Duke, plus many individual awards).

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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No other Imaging Center in Texas and arguably in the U.S. can match the combination of basic science strengths, clinicians seeking new insights into metabolic, neurologic, psychiatric, and other diseases, and state-of-the-art equipment. The Center includes research-dedicated 3T and 7T human and animal MRIs, analytical NMR and small animal PET systems, optical imaging, and in-house radiochemistry and imaging agent development. The uncommon close proximity of the research labs to UTSW's clinical facilities aids progress. Advanced imaging is critical to the future of Texas, since the far-reaching impact of the new techniques means that only institutions with top imaging facilities and expertise will claim top-tier medical research status. In the next two years, the Center will use a recently installed cyclotron to produce PET imaging isotopes that will catalyze development of novel metabolic tracers for improved imaging of cancer, metabolic diseases, and diseases of the aging brain. Additionally, the Center has just installed a new hyperpolarization imaging instrument that allows the use of stabilized isotopes to probe metabolism in patients suffering from fatty liver disease, cancer, congestive heart failure, diabetes, etc. This technology is available at only a few institutions in the US. These efforts will enable UTSW to improve diagnosis and treatment for Texans, to leverage State investment to bring in more millions in grants, and to advance in its quest for Top 10 status.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$25,839,413	Federal Funds
	\$11,076,138	Private Funds
2017	\$26,000,000	Federal Funds
	\$11,250,000	Private Funds
2018	\$26,000,000	Federal Funds
	\$11,250,000	Private Funds
2019	\$26,000,000	Federal Funds
	\$11,250,000	Private Funds

(9) Consequences of Not Funding:

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When the Center was assessed in 2008 by external scientific reviewers on behalf of THECB, it received the highest possible ratings with such comments as “special item funding should be continued and should be a state priority. And “it is especially important to continue supporting this effort.”

Visitors often remark on the uniqueness and breadth of Center capabilities. The operation of this unique facility housing costly state-of-the-art equipment requires support for the engineers, staff, and physicists that operate it. Retention and recruitment of world-class faculty to continue to position Texas as a leader in imaging science demands such infrastructure. Without support, the facility could not be maintained, top faculty could not be retained and rising stars could not be recruited. Funding is vital for economic development, production of a highly-trained workforce to develop imaging technologies in Texas, and research collaboration among the three N Texas UT institutions.

The 26% reduction to research Special Items in FY12-13 already has hindered vital support. The opportunity cost of not funding or further reductions for this facility and expertise would be in the loss of scientific discovery and hundreds of millions in future external grants. Funding enables UTSW to improve diagnosis and treatment for Texas patients, to leverage State investment to bring in millions in grants, and to advance in its quest to soon claim Texas’ first Top 10 university ranking.

729 The University of Texas Southwestern Medical Center

Special Item: 5 Center for Obesity, Diabetes, and Metabolism Research

(1) Year Special Item: 2008
Original Appropriations: \$18,000,000

(2) Mission of Special Item:

Since it was founded in 2007, the interdisciplinary Center for Obesity, Diabetes and Metabolism Research has become widely recognized as the top obesity center in the world and uniquely positioned to tackle a medical crisis that costs Texas \$10 billion annually and continues to spiral out of control. The trends in obesity and related diseases are frightening, with the percent of overweight Texans increasing from 43% to 63% in just 15 years. What was once unheard of, Type II diabetes occurring in children, is now common and obesity dramatically increases not only the risk of diabetes but also heart disease, kidney failure, stroke, high blood pressure, respiratory problems and other chronic conditions. UT Southwestern's Obesity Center is committed to developing novel treatments for the prevention and treatment of obesity, to continued outreach to thousands of Dallas ISD elementary students to provide early intervention and an effective model for Texas, and to ensuring significant benefit to Texas from millions in external grant funding secured and eventual cost savings and revenue possible from breakthrough treatments.

(3) (a) Major Accomplishments to Date:

Dozens of seminal discoveries by Center researchers have changed the way we think about how people become obese, created new paradigms for the development of treatments and appeared in 200 news outlets worldwide. Below are examples of over 70 pivotal discoveries:

- Controlling Type I Diabetes without insulin for weeks at a time was discovered by a National Academy member. The treatment is in human trials and if effective, it will greatly enhance quality of life and save tax dollars.
- Two Nobelists discovered how a hormone tells the brain to be hungry, explaining why some people need more will power than others to remain thin. Drugs to block the mechanism are being pursued by drug companies to effectively curb hunger.
- Discovery of the brain pathways that led to the development and approval of Belviq (Arena Pharmaceuticals), the first anti-obesity drug approved by the FDA in the last 15 years.
- Discovery of a new protein (PCSK9) that controls blood cholesterol levels, which has led to the development of recently approved therapy for the treatment of hypercholesterolemia, a leading cause of morbidity and mortality in the U.S.

Center researchers have also secured almost \$175 million in external research funds brought to Texas since 2008. Finally, UTSW has expanded obesity prevention outreach to children. Using a new interactive program, ~250 medical and nutrition students visited >60 schools in Dallas ISD, reaching >7,500 elementary students.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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UT Southwestern's Center for Obesity, Diabetes, and Metabolism Research is uniquely positioned, compared to all other medical centers in the country, to tackle this national crisis that promises to cost Texas billions per year. With sufficient support, the preeminent team assembled at UTSW can continue its astounding pace of discovery and building on the great strides already made in understanding the fundamental causes and developing treatments. More groundbreaking advances and effective treatments can be expected from continuing research on other recent pivotal findings, including discovery of:

- Two new genes that determine the amount of fat in liver and whether the fat will cause progression to cirrhosis and liver failure, promising a novel diagnostic tools for the prevention of liver disease.
- New proteins secreted by the liver that regulate the amount of fat in the blood, providing novel targets for the treatment of hypertriglyceridemia.
- Demonstrated for the first time that the heart can regulate energy balance throughout the body, opening up an entirely novel area of investigation that can lead to more effective treatments for obesity, diabetes and heart disease.

The Center expects to remain highly successful at leveraging State funds, capitalizing on the ~\$175 million in outside grants secured since 2008. Additional support will help seed more research, promising to reduce obesity and its costs and bring more outside funding into the Texas economy.

(4) Funding Source Prior to Receiving Special Item Funding:

Previously funded with a NIH Planning Grant of \$3M over 3 years.

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$ 19,063,415	Federal Funds
	\$ 5,510,287	Private Funds
2017	\$ 19,100,000	Federal Funds
	\$ 5,550,000	Private Funds
2018	\$ 19,100,000	Federal Funds
	\$ 5,550,000	Private Funds
2019	\$ 19,100,000	Federal Funds
	\$ 5,550,000	Private Funds

(9) Consequences of Not Funding:

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The opportunity cost of not funding this Center would be enormous. Unless it is halted, the epidemic of obesity and its related diseases will cost Texas hundreds of billions of dollars in the future, and the preeminent team assembled at UT Southwestern is already making great strides in understanding the fundamental causes and developing highly-effective interventions. This funding has facilitated the recruitment and retainment of some of the most prestigious obesity and metabolism experts in the world. Furthermore, the research labs supported by this funding will leverage the funding many-fold in the future. Continuing the stature of this Center as one of world's preeminent research centers in this field will take continued seed funding that this Exceptional Item provides. Not funding this Center would not only cost the state many millions of dollars in grant funding in the near term, but forfeit important advances in patient care and put at risk a valuable Texas resource. Most importantly, the opportunity cost of not realizing future discoveries may cost the State billions of dollars per year in the future that might otherwise be saved from treatments resulting from Center research.

729 The University of Texas Southwestern Medical Center

Special Item: 6 Center for Research of Sickle Cell Disease

(1) Year Special Item: 2006
Original Appropriations: \$1,000,000

(2) Mission of Special Item:

Sickle cell disease, the most serious disorder in the United States resulting from a single gene mutation, is most prevalent in persons of African descent. The condition causes excruciating pain, organ damage, and premature death in children and adults. There is a pressing need to better understand the biology of the disease and to translate scientific discovery into better treatments and eventually a cure. UT Southwestern's Comprehensive Sickle Cell Center has made dramatic progress in clinical research which has brought improved treatments and set the stage for future scientific discoveries. With continuing added support from this State Special Item, UT Southwestern's mission is to maintain and build upon its world class Comprehensive Sickle Cell Center focused on the following: research leading to curative treatments, development and refinement of new and improved therapies to control disease complications, and marked expansion of its outpatient clinics and inpatient services for children and adults with sickle cell disease in order to improve the length and quality of life. The Center has been and plans to continue to be recognized as one of the world's best.

(3) (a) Major Accomplishments to Date:

Tremendous progress has been made at UTSW in fundamental research to find new procedures to repair the genetic mutations involved in sickle cell disease. UTSW researchers are internationally known for their seminal study, the Dallas Newborn Cohort, describing outcomes of the world's largest group of children with sickle cell disease diagnosed at birth since 1983 and followed continually in UTSW's clinics and hospitals. Over 130 publications in major scientific journals have resulted from the Center's research, focused on new treatments for the disease, prediction of disease severity, and studying mechanisms of stroke, a common complication in affected children, and how best to diagnose and prevent it.

Such advances have resulted in UTSWs' selection to be among the leaders of an elite international research initiative endorsed by the United Nations and for one of its senior sickle cell faculty members to serve as co-chair on an NIH panel to develop evidence-based sickle cell treatment guidelines.

The Center continues to expand its clinics and undertake a major new initiative to care for and conduct research involving over 1000 patients throughout North Texas. In 2011 the center recruited a young sickle cell specialist (one of few in the nation). Over 20 research projects are currently being conducted in the Center, aimed at improved understanding of the sickling process and to eventually employ genetic testing and novel treatments to cure this disorder.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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The sickle cell disease program at UTSW remains one of the most highly regarded in North America, and the work of its clinicians and scientists is recognized worldwide. The Dallas Newborn Cohort, now numbering over 1,200 patients with sickle cell disease diagnosed at birth and followed in our clinics and hospitals, will be updated with the expectation that the survival results in these patients will continue to be among the world's best. Plans are to develop improved treatments, as well as cures with bone marrow transplantation, that will alleviate suffering related to the disease and improve the long term outlook for both children and adults. We anticipate that the transitioning of care between the childhood and adult years will be a particular research focus, along with expansion of efforts to create a comprehensive registry/database of all sickle cell patients that is linked to their electronic medical records, thereby serving as a repository of clinical and genetic data in order to guide our ongoing research efforts. On the basic research front, UTSW scientists are implementing new methods that will ultimately allow genetic correction of the underlying cause of sickle cell disease. Our primary aim remains the reduction or elimination of disease burdens, thus assuring an improved quality of life for patients with sickle cell disease in our community and elsewhere around the world.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$1,337,274	Federal Funds
	\$1,009,282	Private Funds
2017	\$1,350,000	Federal Funds
	\$1,025,000	Private Funds
2018	\$1,350,000	Federal Funds
	\$1,025,000	Private Funds
2019	\$1,350,000	Federal Funds
	\$1,025,000	Private Funds

(9) Consequences of Not Funding:

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Sickle cell disease, one of the most common and devastating conditions affecting African Americans, is a genetic disorder resulting in the production of abnormally-shaped red blood cells that are extremely fragile and unable to carry oxygen normally. The condition causes severe pain, diminished IQ, severe organ damage (especially involving lungs, kidneys, and heart) and early death (often in young adulthood). Despite dramatic progress in recent years, it remains a disabling condition. All-out effort is needed to identify better treatments and find a cure. A reduction in State support will seriously hinder the Center's continued efforts to serve as an international Center of Excellence to mount its broad attack on sickle cell disease, ranging from basic molecular genetics research to the development and refinement of new therapies. Moreover, State funding is essential for UT Southwestern to remain well positioned nationally and internationally to receive additional external support and continue its track record in groundbreaking discoveries and successful efforts to offer specialized care for these patients.

729 The University of Texas Southwestern Medical Center

Special Item: 7 **Texas Institute for Brain Injury and Repair**

(1) Year Special Item: 2014
Original Appropriations: \$7,500,000

(2) Mission of Special Item:

Translational research efforts by UTSW faculty who apply their basic discoveries to specific diseases have led to its successful history in the bench-to-bedside development of new treatments. UTSW is at a pivotal point for advancing our faculty's discoveries, with their efforts uniquely supported by a new University Hospital opened in December 2014 designed to support clinical research, and a licensing revenue-funded BioCenter, a state-of-the-art commercial campus facility strategically positioned for the biomedical industry to interact with academic medicine to accelerate bench-to-bedside progress. Recent examples of translational research success at UTSW include:

- A way to direct heart cells to regenerate and heal injury caused by heart attack and other diseases, with drugs already in development by a newly formed biotech company
- A new biochemical pathway and inhibitor molecule with promise to stop the growth of kidney cancers
- A novel protein target for the development of drugs to treat and prevent Alzheimer's.

Despite these successes, development of basic discoveries into transformative therapies at UTSW suffers from lack of funding for the early steps in translational research. State funding supports the extension of basic discoveries from the lab for which there are no other sources of funding, yet are essential for producing novel patient therapies to treat brain injury, with great promise for better patient care, lower costs, and ROI to the State.

(3) (a) Major Accomplishments to Date:

One of the largest returns for the State on the investments it makes comes from its top research schools, with each State research dollar leveraged as much as 9:1 with external grants brought to Texas. Investing in these top programs is as important as investing in STEM and emerging research universities, to drive the development of a skilled workforce and because these programs can have an immediate impact on Texas' economy. Furthermore, discoveries made at Texas' top medical research schools and investment in UTSW's Brain Institute hold enormous promise to improve patient care and lower the state's healthcare costs.

With initial support, UTSW established TIBIR to catalyze comprehensive transformative approaches to how brain injuries can be prevented and treated. Drawing on deep bench strengths, a four-pronged approach is being taken, involving innovative neuroscience research, clinical translation, education, and prevention. To these ends, a core facility providing subsidized services for imaging the normal and injured brain was started, pilot research projects that seek new knowledge in therapeutic approaches to the diagnosis, prevention, or treatment of brain injury were funded, an outreach program to educate high school football coaches and players in the signs and symptoms of brain injury was organized, a large study to examine brain function in former NFL players was started, and a novel imaging system to map nerve cell connections in the brain was installed.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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Research in traumatic brain injury will be expanded into efforts to understand seizures that occur more frequently after brain injury, the role of stem cells in brain repair, and neuropsychological studies in individuals with brain trauma, including former professional football and hockey players, military personnel, and high school athletes. A national leader in traumatic brain injury rehabilitation has been recruited as the new Chair of the Department of Physical Medicine and Rehabilitation at UT Southwestern and will assume a key leadership role in development of research and clinical care programs in the Institute.

In addition, in partnership with the University Interscholastic League, a voluntary statewide concussion registry, the first of its kind, is in work to allow for a longitudinal study to investigate the frequency, severity and causes of concussion in youth athletes and best practices in their safe return to play. Finally, recruitment efforts are underway to bring additional high-caliber researchers to UTSW who are experts in neurodegenerative disease and rehabilitation from brain injuries.

(4) Funding Source Prior to Receiving Special Item Funding:

2014, federal funding sources (DOD, NIH)

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$15,569,233	Federal Funds
	\$18,415,207	Private Funds
2017	\$15,569,233	Federal Funds
	\$18,415,207	Private Funds
2018	\$15,569,233	Federal Funds
	\$18,415,207	Private Funds
2019	\$15,569,233	Federal Funds
	\$18,415,207	Private Funds

(9) Consequences of Not Funding:

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UT Southwestern's historical core strength in uncovering the genetic and molecular causes of disease has already led to UTSW being recognized as a highly accomplished basic research institution. UT Southwestern faculty members are poised to have an analogous substantial impact on the bench-to-bedside development of medical breakthroughs in traumatic brain injury, yet without continued funding of this initiative UT Southwestern cannot capitalize or expand on our faculty's expertise in accelerating the translation of scientific discoveries into novel patient therapies.

The cost of not funding the Texas Brain Injury and Repair Institute at UT Southwestern will be in the missed opportunities to bring in millions of dollars more in grant funding to Texas, to accelerate the translational research of its renowned faculty, to recruit rising stars in translational research, and to yield breakthrough treatments for our most devastating neurological diseases.

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Special Item: 8 Regional Burn Care Center

(1) Year Special Item: 1978
Original Appropriations: \$125,000

(2) Mission of Special Item:

To provide state-of-the-art comprehensive acute burn care, burn rehabilitation, education, supplies, and banked skin allograft tissues for clinical transplant for adult and pediatric patients and healthcare professionals. The Center is also the only American Burn Association and American College of Surgeons-verified burn center in North Texas, providing a regional resource for disaster management for those with burns.

(3) (a) Major Accomplishments to Date:

The Burn Center continues to support faculty, fellow, resident, student, and advanced clinical personnel training in burn treatment as well as providing state-of-the-art care for Texans. In 2015, the Center admitted 754 patients (1/3 children), a 10% increase, and annualized 2016 admissions show another 15% increase. During this time, clinical outcomes such as mortality have continued to improve to below 3% of patients admitted from 5% in 2013 (a 40% decline). Hospital length of stay remains below national norms. Educating the next generation of providers remains a focus, with ~60 residents rotating through the center annually from 5 residency programs. The Center also recently developed a Burn Surgery Fellowship that includes Critical Care Certification; 3 surgeons who have completed the program are actively providing burn care; comprising ~25% of all burn surgeons trained in 2015-16. Improvements in clinical outcomes and education are due to many factors, significantly supported by State funds. Advancements in resuscitation including patented technology, improved quality of surgical intervention, and improved metabolic support are only a few of the advances produced. Equally important, the Center continues to serve as a state and national resource for teaching and referral for the latest techniques in burn care and prevention, and leveraging of State funds has resulted in continued high national and international recognition and successful competition for federal grants.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

The Center combines emergency care, in-hospital treatment of acute pediatric and adult burns, as well as reconstructive surgery and rehabilitation to meet the UT-Southwestern mission to provide the best comprehensive burn care. While providing world-class burn care, the Center will remain active in clinical research to further improve understanding and efficacy of treatments to improve outcomes in burns. This year, the Center expects to complete 3 clinical trials as well as institute another 3 trials in muscle and skin regeneration and mitigation of blood loss in the treatment of burns. The Faculty serving in the Center have well-established burn research programs, with the expectation to publish between 20-25 papers per year describing improvements in burn care. Through these efforts, the Center also serves to advance the goals of medical care, improved patient survival and morbidity. In addition, the Center will continue to actively improve the education of fellows, residents, medical students and professional health students in clinical and rehabilitative burn treatment.

(4) Funding Source Prior to Receiving Special Item Funding:

Limited funding from extramural granting agencies.

(5) Formula Funding:

N

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(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$ 348,160 Federal Funds
	\$ 90,000 Private Funds
2017	\$ 577,265 Federal Funds
	\$ 140,000 Private Funds
2018	\$ 431,105 Federal Funds
	\$ 140,000 Private Funds
2019	\$ 431,105 Federal Funds
	\$ 140,000 Private Funds

(9) Consequences of Not Funding:

As the only American Burn Association and American College of Surgeons-verified burn center in North Texas, curtailment of this program would seriously hamper the continuation of current services to adult and pediatric patients and health care professionals in the region, and delay the development of critical improvements such as permanent skin coverage for critically-injured burn patients and improvement in critical care outcomes and rehabilitation/reconstruction strategies. It would also delay development and implementation of regional disaster management preparedness. Reduction in funding would seriously hinder these efforts.

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Special Item: 9 **Program for Science Teacher Access to Resources (STARS)**

(1) Year Special Item: 1994
Original Appropriations: \$750,000

(2) Mission of Special Item:

The STARS program is dedicated to maintaining a robust educational partnership between UTSW and secondary teachers, and providing programs for bright secondary school students. STARS has two goals: to improve science education in the North Texas area and beyond, and to increase the interest and enthusiasm among bright secondary school students to pursue careers in STEM fields, especially as they impact the future of biomedicine.

(3) (a) Major Accomplishments to Date:

STARS has developed free educational outreach and professional development services for science teachers, as well as paid summer research and other opportunities for secondary school students. Since its inception, STARS has offered services to over 10,000 teachers from 3,000 schools. An estimated 50,000 students have been impacted by teacher and direct student participation. In each succeeding year, there has been significant growth in the program, with both teacher and student participation increasing to the point that we cannot accommodate all demands for participation. Several core programs continue to be offered that have been staples in the STARS repertoire for many years. These include a monthly Basic Science Symposium and In-services program for teachers, Summer Research Programs for students (close to 800 applications received for 44 positions) and teachers (8 weeks of full-time research), customized Medical Center Tours for school classes (3-4 per week), a monthly Exploring Post for secondary school students to explore careers in biomedicine, annual Women in Science and Medicine symposia, and hands-on summer Biology, Chemistry, and Physics Workshops/Camps in which inexperienced teachers are coached by master teachers as they give lessons and direct lab exercises to students.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

We expect continued growth of interest and participation in STARS programs in the next two years. STARS Basic Science Symposia already attract over 100 teachers and students monthly; the 2016-2017 program will include a full-day symposium on “Women in Science and Medicine ” as well as one on “Sports Medicine and Health” with an expected registration of 250. Mini-symposia topics will include “The Sequencing Revolution”, “Stem Cells and Regenerative Medicine”, “Mitochondria – Way Beyond a Powerhouse”, and “RNA Does More Than You Think.” New hands-on In-Service for teachers on “The Fly as a Model System” as well as a “Hands-On Chemistry” workshop will be offered. Multiple tours each week of the medical school for close to 3,000 high school students will continue to be offered, with participation from schools as far away as Austin, Texas and Parsons, Kansas expected; as always, we expect our 2016-2017 tour schedule to be fully booked by September. We expect our monthly Exploring Post to also expand; we have moved from a smaller room into a medical school lecture hall to accommodate demand of the 133 members. We will continue to host the Uplift District science and engineering fair, to work with Irving ISD to host its Biomedical Sciences Academy Science Fair, as well as to provide scores of judges for other science fairs, including the Dallas ISD STEM Expo Day.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

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(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

2016	\$ 29,532	Federal Funds
	\$ 219,620	Private Funds
2017	\$ 30,000	Federal Funds
	\$ 225,000	Private Funds
2018	\$ 30,000	Federal Funds
	\$ 225,000	Private Funds
2019	\$ 30,000	Federal Funds
	\$ 225,000	Private Funds

(9) Consequences of Not Funding:

State funding is essential for sustaining existing STARS core programs and new initiatives. We are continually reminded by teachers that our programs offer the best professional development activities in the area; survey data confirm that teachers consider our program valuable, and this is reinforced by growth of registration for virtually all of our activities. Our science workshops, targeted to teachers and students from underperforming schools in the Dallas ISD, were considered in 2012 by the Howard Hughes Medical Institute to be an example of Best Practices that should be spread nationally. Our tours are booked by classrooms in the early fall for the entire school year. Students in our Biology Workshop perform 8-10 points better on their end-of-course Biology exam, and most return in subsequent summers for the Chemistry and Physics Workshop. Teachers in the Biology Workshop have also returned for training in the other two disciplines. We continue to be flooded by applications for our summer research program such that we can only accept 6% of applicants. Unfortunately, external funds have been far more challenging to obtain in the last few years as science and outreach budgets tighten. For example, the HHMI stopped its pre-college programs in 2012, and the NIH has transferred much of its outreach budget to fund its core research mission. This makes support from the State of Texas all the more essential to maintain STARS activities.

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Special Item: 10 **Institutional Enhancement**

(1) Year Special Item: 2000
Original Appropriations: \$1,000,000

(2) Mission of Special Item:

Institutional Enhancement funding plays a significant role in financing the core missions of all Health Related Institutions by providing a base level of funding for services and programs. Institutional Enhancement funding helps support leading-edge and innovative programs in graduate research education not otherwise supported by formula funding. The purpose of Institutional Enhancement at UT Southwestern is to help provide the highest quality education in the prevention, diagnosis, and treatment of disease to our medical students.

(3) (a) Major Accomplishments to Date:

Institutional Enhancement support has contributed to maintaining the highest standard of excellence in myriad clinical programs. In the recently-released 2016-17 U.S. News & World Report's Americas Best Hospitals, UT Southwestern Medical Center is nationally ranked or recognized in 10 specialty-care areas and procedures. This makes UT Southwestern one of two highest ranking health care providers in North Texas, and among the top 5 ranked hospitals in Texas. In addition, a new Masters of Clinical Science degree program has been implemented for M.D. students who wish to increase their knowledge of clinical research, in order to help more quickly translate basic research into more effective patient therapies.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

UT Southwestern will continue to expand and revamp existing clinical programs and develop new clinical programs to sustain the quality of our medical education. Major objectives for the school are the integration and expansion of programs in the basic and clinical neurosciences, including the establishment of the new O' Donnell Brain Institute in 2016 that is focused on the ever-increasing cognitive diseases of the aging brain.. UT Southwestern will also continue growing its programs in clinical investigation, including epidemiology, medical informatics, bioinformatics, and clinical trials along with the continued development of new programs in population and health outcomes research. While the total extent and costs of these programs continues to be defined, student participation will require additional State support.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

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(8) Non-general Revenue Sources of Funding:

2016	\$718,012	Federal Funds
	\$224,304	Private Funds
2017	\$725,000	Federal Funds
	\$225,000	Private Funds
2018	\$725,000	Federal Funds
	\$225,000	Private Funds
2019	\$725,000	Federal Funds
	\$225,000	Private Funds

(9) Consequences of Not Funding:

The highest quality medical education at UT Southwestern is supported through Institutional Enhancement. An important component of its medical education is accomplished for ~450 students in the second, third and fourth years of medical school when they rotate through the many clinical clerkships offered. Medical students participate first-hand in patient management, learning how to apply the information they learned in the first 1.5 years of medical school, and acquiring new knowledge. The excellence of these clinical programs is one of the reasons UTSW is highly regarded as a medical school, and is sought after by the most qualified medical school applicants from across Texas and beyond.

In the past, programs such as oncology and clinical epidemiology have been targets for development to support excellence in medical education. UTSW must remain constantly vigilant to identify new clinical programs that must be developed or expanded to maintain our cutting-edge medical education. However, as all funding sources contract, established primary care programs that are equally essential to medical education, such as Family Practice and Internal Medicine, are now also supported with these funds.

Any reduction would thus result in severe deterioration of myriad clinical programs, lowering the standard of excellence and quality of our medical teaching programs, and result in declines in the level of services that we have been able to deliver to students.

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Special Item: 11 **Center for Regenerative Science and Medicine**

(1) Year Special Item: 2016
Original Appropriations: \$8,000,000

(2) Mission of Special Item:

Regenerative medicine is a new frontier of science that seeks to understand the mechanisms of tissue aging, injury, and repair. This is the most important and transformative mission in medicine today, extending from molecular biology to tissue engineering and organ fabrication to deliver novel solutions to damage affecting diverse organs including heart, liver, lung, and others, and improve human health.

UTSW has launched CRSM, a transformational large-scale initiative in this rapidly developing field, underrepresented in Texas. The goals are to: 1) discover fundamental mechanisms of tissue formation and repair; 2) develop transformative strategies and medicines for tissue regeneration; 3) train future generations of scientists and clinicians to translate this new scientific knowledge into novel human therapies; and 4) offer education and community outreach programs.

Degenerative diseases of the heart, brain and other tissues represent the largest causes of death/disability in the world, affecting virtually everyone over 40 and accounting for the lion's share of healthcare costs in Texas and the U.S. With State investment, CRSM can capitalize on competitive and private seed funding to strengthen our program, with profound implications for millions of Texans incapacitated by organ injury and disease. By bringing the vision, scientific excellence, and resources of UTSW to bear, we can make transformative contributions and novel regenerative therapies to improve care.

(3) (a) Major Accomplishments to Date:

Since 2015, key strides in using a new genomic editing/correcting technique as a treatment for Duchenne Muscular Dystrophy led to prevention of the disease in mice. This approach was rapidly translated to humans by editing the mutant gene in cells from a young DMD patient, opening the door to entirely new molecular therapies for other deadly muscle diseases and laying the groundwork for clinical translation.

Successful efforts to regenerate heart muscle lost during injury and aging continued, including the discovery of a signaling pathway that when activated changes skin cells to functional heart cells. The CRSM also reported that left ventricular assist devices can stimulate heart cells to proliferate, which may lead to new strategies to repair damaged hearts. In a similar study, a single gene and drug that can efficiently change skin cells into nerve cells was discovered, with implications for treating many neurodegenerative diseases.

Other research highlights include:

- Leveraged State funds to secure a multi-million dollar NIH grant to establish 1 of 6 national Wellstone Muscular Dystrophy Cooperative Research Centers at UTSW
- Discovered: a key cellular structure that explains the fate of stem cells and a new role for RNA in safeguarding chromosome number in human cells
- Showed that inactivating a certain protein-coding gene promotes liver tissue regeneration
- Developed a cell model to help in screening new drugs to treat Lou Gehrig's disease

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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With regenerative science and medicine as a new science and research discipline, UTSW is strategically positioned to lead the development of this field with the goal of achieving new scientific breakthroughs that can ultimately improve human health. In the future, with the leadership of CRSM director Dr. Eric Olson, Chairman of Molecular Biology and a member of the National Academy of Sciences and the National Academy of Medicine, the Center for Regenerative Science and Medicine aims to:

- Discover fundamental mechanisms of tissue formation and repair
- Develop transformative strategies and medicines to enhance tissue regeneration
- Train future generations of scientists and clinicians who will translate this new scientific knowledge into novel human therapies
- Offer education and community outreach programs.

For the next two years, a major research goal is to optimize the CRISPR/Cas9 genome editing approach to cure muscular dystrophy and refine it with the aim securing approval and starting pre-clinical trials.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

N/A

(9) Consequences of Not Funding:

Scientific data and statistics show degenerative diseases of major organs and other tissues are the largest cause of disability and death in the world. As a result, billions of healthcare related costs and millions of Texans are directly affected by these diseases. With sufficient seed funding, UT Southwestern and its team of world class faculty, scientists and researchers have the unique opportunity to bring Texas to the forefront of regenerative science and medicine and to develop improved care for patients in Texas and beyond. Without sufficient support, advances in research and patient care will not be possible, associated healthcare savings will not be realized, and this unique opportunity for Texas to lead the country in this new regenerative medicine field in time will be ceded to other states.

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Special Item: 12 **Center for Advanced Radiation Therapy**

(1) Year Special Item: 2016
Original Appropriations: \$20,000,000

(2) Mission of Special Item:

Heavy Ion therapy was developed in the U.S. in the 70s, but despite progress using clinical trials, the program closed due to federal budget cuts and the U.S. ceded the field. The National Cancer Institute recognizes this void for cancer patients in the U.S., and in 2013 issued an RFP to plan a Heavy Ion research center. In 2015, a Texas team led by UTSW secured one of two NCI 2-year planning grants. The 84th Legislature - recognizing the opportunity for Texas to lead the country - matched the NCI grant with a \$2M appropriation. A California team received a 2nd planning grant, with TX and CA now vying for an NCI Center of Excellence grant expected after the planning period.

UTSW, with the research consortium including MD Anderson, UT Austin, UTHSC SA, Texas A&M, Prairie View A&M, Baylor MC, NASA, and others, is perfectly positioned to capitalize on this opportunity for Texas. Efficacy of Heavy Ions has been established by foreign centers, but still needed are improved accelerator/beam technology, an understanding of the underlying biology, and clinical trials. A U.S. facility must be a comprehensive center capable of carrying out basic, pre-clinical, physics-related and clinical research. UTSW is poised to do this. The establishment of all centers worldwide has been possible only with government support given the expense, ~\$200M at UTSW. UTSW is working to secure vendor and federal commitments, as well as philanthropic donations, contingent on State and federal support.

(3) (a) Major Accomplishments to Date:

State matching funds have enabled significant advances in planning potentially the first US heavy ion therapy and research system. All existing heavy ion centers currently focus on radiation therapy with research as a secondary priority. TCART, due to its envisioned primary role as a research center, has no match worldwide, hence our initial planning focused on two directions: i) a careful review of our center planning ideas and obtaining advice from worldwide experts in heavy ion research and ii) starting research collaborations among Texas institutions by providing five \$100K seed grants to Texas institutions to stimulate collaboration and generate preliminary data to support future grant applications even prior to having a functional center.

UTSW assembled a panel of experts to review our system specs and advise on optimal/best available technology. An independent consultant team reviewed and advised on our business plan. Architects were hired to perform pre-planning. The recommendations of these three groups were analyzed, detailed system specs were determined and a vendor RFP was issued. In addition, the architects and heavy ion project manager consultant were hired, and an RFQ and RFP for contractor managers were issued.

UTSW also organized an international heavy ion research symposium where leading experts presented and set up collaborations with Texas researchers. Finally, an international workshop of experts was organized to advice on the center planning.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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With continuing State support, UTSW expects to finish the vendor selection and facility design, start the FDA approval process, and recruit key personnel, bringing the heavy ion system status to “ready to build.”

In the next two years, the analysis of the responses we received from the RFP for the heavy ion system will be completed and a vendor selected and contracted. The final system specifications will be determined, enabling UTSW to get the detailed system information to the architects to finish the facility design, including both clinical and research space. As a result, construction documents will be possible and created.

With State support critical, UTSW also expects to start the preparation of gathering data necessary to obtain Federal Drug Administration approval to use the planned heavy ion system for human use.

Because TCART is envisioned to be the world’s leading heavy ion therapy and research facility and the first in the US, experts with significant heavy ion experience will need to be recruited and relocated to Texas. With State support, we can achieve the recruitment of renowned research, clinical and management key personnel whose presence is crucial in this initial phase of planning and construction.

(4) Funding Source Prior to Receiving Special Item Funding:

N/A

(5) Formula Funding:

N

(6) Startup Funding:

N

(7) Transition Funding:

N

(8) Non-general Revenue Sources of Funding:

Private/Corporate funding: To Support International Symposium on Ion Therapy (ISIT2015): \$105,000

NCI Federal Funding: Heavy Ion Research Center Planning: \$600,000

MSRDP: Department of Radiation Oncology- Heavy Ion Consultants Support \$7,600

NASA Funding: To support Heavy ion radiation research: \$1,100,000

(9) Consequences of Not Funding:

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State support is vital for a successful realization of the TCART project. There are numerous worldwide examples of heavy ion initiatives that failed to secure state and/or federal funding and the projects got canceled or put on hold indefinitely. Examples of such are the Etoile heavy ion project in France and the Okinawa project in Japan.

In the case of TCART, it is thanks to State funding that we are as far in the planning process as our major achievements in section 3a) show. To our knowledge, no other US institution that is also pursuing the construction of a heavy ion center is as advanced in planning as we are. This leads us to believe that UTSW and the Texas research consortium it leads have the greatest chance to be the first to build the first US heavy ion center. This would make Texas the place where essentially all necessary clinical trials and fundamental research would first be conducted in the US. This would also make Texas the natural place to invest the federal and industrial research funding related to heavy ion therapy. If State support were terminated, we would not be able to finish the planning work and Texas would lose its potential to be the world leader in heavy ion therapy and research.
