The University of Texas MD Anderson Cancer Center

Fact Book 2019

Compiled by the Office of Institutional Research, Department of Academic Analytics and Technology, Division of Academic Affairs

THE UNIVERSITY OF TEXAS
MD Anderson Cancer Center
Making Cancer History®

Acknowledgements

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THE UNIVERSITY OF TEXAS
MD Anderson Cancer Center

Making Cancer History®

The University of Texas MD Anderson Cancer Center Mission Statement

The mission of The University of Texas MD Anderson Cancer Center is to eliminate cancer in Texas, the nation, and the world through outstanding programs that integrate patient care, research and prevention, and through education for undergraduate and graduate students, trainees, professionals, employees and the public.

Vision

We shall be the premier cancer center in the world, based on the excellence of our people, our research-driven patient care and our science. We are Making Cancer History.

Core Values

Caring: By our words and actions, we create a caring environment for everyone.
Integrity: We work together to merit the trust of our colleagues and those we serve.
Discovery: We embrace creativity and seek new knowledge.

Strategic Plan

Patient Care: Enhance the quality and value of our patient care throughout the cancer care cycle.
Research: Enhance existing research programs and develop priority programs for the future.
Education: Provide educational programs of the highest quality to fully address the needs of all learners.
Prevention: Accelerate the discovery and translation of new knowledge about cancer risk assessment and prevention in the laboratory, the clinic and the community.
Our People: Enhance our most valuable asset, the people who work, volunteer and contribute to advancing our mission.
Collaboration: Enhance and disseminate our knowledge in all mission areas through collaborative and productive relationships locally, nationally and worldwide.
Resources: Safeguard and enhance our resources.

About The University of Texas MD Anderson Cancer Center

Celebrating seven decades of Making Cancer History®, The University of Texas MD Anderson Cancer Center is located in Houston on the sprawling campus of the Texas Medical Center. It is one of the world's most respected centers devoted exclusively to cancer patient care, research, education and prevention.

The Texas Legislature created MD Anderson Cancer Center in 1941 as a component of The University of Texas. MD Anderson is one of the nation's original three Comprehensive Cancer Centers designated by the National Cancer Act of 1971 and is one of 49 National Cancer Institute-designated comprehensive cancer centers today. U.S. News & World Report's "Best Hospitals" survey has ranked MD Anderson the nation's top hospital for cancer care. MD Anderson has been ranked the leading cancer hospital for the past 10 of 11 years. The institution has been named one of the nation's top two hospitals for cancer care every year since the survey began in 1990.

Since the first patient was registered in 1944, 1.4 million people have turned to MD Anderson for cancer care in the form of surgery, chemotherapy, radiation therapy, immunotherapy or combinations of these and other treatments. In last fiscal year, more than 148,700 cancer patients (nearly one-third of them new patients), received care at MD Anderson. Over 40% of all patients were Texans from outside Harris County and about 25% were from out-of-state. Many patients benefit from the multidisciplinary team approach to treatment that was developed by MD Anderson and now sets the standard for cancer care around the world with over 11,000 participants enrolled in 1,360-plus clinical trials exploring innovative treatments. MD Anderson provided more than $238 million in uncompensated care to Texans with cancer in FY19. This figure includes unreimbursed costs of care for patients who either have no insurance or are underinsured, or whose care was not fully covered by government-sponsored health programs.

Surgeons, medical oncologists, radiotherapists, prevention specialists and a broad range of other health professionals provide high quality care, including one of the nation's largest programs of clinical trials that seek to improve therapies for all types of cancer. In fiscal year 2019, MD Anderson had 1,364 active clinical protocols. The results of a number of trials, with MD Anderson clinical investigators as leaders or leading contributors, have become standards of care for cancer treatment.

In Fiscal Year 2019, MD Anderson's total research expenditure was $902 million, including over $74 million in state funding, approximately $164 million from philanthropy and foundations, and over $179 million in federal research funding. MD Anderson's Moon Shots Program started in 2012 is a collaborative effort to more quickly turn scientific discoveries into clinical advances that save patients' lives. The program has yielded notable discoveries across the spectrum of cancer care, including prevention, early detection and treatment. The program's 13 Moon Shots™ are disease-focused initiatives targeting 20 types of cancer. The Moon Shots Program also established 10 platforms that provide unique expertise, technical capabilities and novel infrastructure to support the program's team-science approach.

Strong educational programs are offered annually to almost 7,000 students and trainees in medicine, science, nursing, pharmacy and many allied health specialties. MD Anderson offers bachelor's degrees in nine health disciplines and master's degree in Diagnostic Genetics and Radiologic Sciences. MD Anderson also provides public and patient education programs focusing on early detection of cancer and risk reduction that can help prevent cancer. Currently, more than 1,900 residents and fellows come to MD Anderson each year to receive specialized training and more than 1,600 research trainees worked at MD Anderson laboratories and clinics. The University of Texas MD Anderson Cancer Center School of Health Professions (SHP) and The University of Texas MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences (GSBS) are academically accredited through the Southern Association of Colleges and Schools Commission on Colleges to offer Bachelors, Masters, and Doctoral degrees. There are more than 400 graduate students enrolled in the GSBS, which is run jointly with The University of Texas Health Science Center at Houston (UTHSC-H). The relationship of the UTHSC-H with the GSBS is long standing and strong. In recent years there has also been a marked increase in collaborative activities with the UTHSC-H School of Public Health as MD Anderson's prevention efforts have grown.

Numerous MD Anderson faculty members serve the GSBS as thesis advisors, student committee members, and on various faculty senate committees, including admissions and curriculum. The MD/PhD program conducted with UTHSC-H Medical School continues to receive MD Anderson monetary support as well as laboratory placement of participants. Several support activities, such as University of Texas Police are joint activities of MD Anderson and UTHSC-H.

The SHP is committed to the education of health care professionals, through formal academic programs that award bachelor of science degrees and a master's in health sciences. Students in the SHP receive a unique educational experience within MD Anderson, located in the world's largest medical center. The education of the students includes the entire spectrum of laboratory testing and patient treatment procedures, from the relatively uncomplicated to the highly specialized. The SHP programs graduated 169 students in 2018 in ten areas of study: Clinical Laboratory Science, Cytogenetic Technology, Cytotechnology, Diagnostics Genetics, Diagnostic Medical Sonography, Diagnostic Imaging, Histotechnology, Medical Dosimetry, Molecular Genetic Technology, Radiological Sciences, and Radiation Therapy. All of the school's programs are accredited and approved by nationally recognized agencies.

The Houston-based MD Anderson facilities in the Texas Medical Center cover more than 14 million square feet and feature the latest equipment and facilities to support growing needs in outpatient and inpatient care, research, prevention and education. MD Anderson has Houston-area locations in the Texas Medical Center, Bay Area, Katy, West Houston (diagnostic imaging), Sugar Land, The Woodlands, Bellaire (diagnostic imaging) and Memorial City (surgery). MD Anderson physicians also provide cancer care to patients at Lyndon B. Johnson Hospital in Houston. It is the exclusive provider of breast radiology services for five of Memorial Hermann's 10 breast care centers in the Houston area - Memorial City, The Woodlands, Sugar Land, and Northeast and Southwest Houston. The institution also has developed a network of national and international locations.

MD Anderson employs more than 21,000 people and enjoys a volunteer workforce of over 1,100 on-site, trained volunteers and over 1,000 off site myCancerConnection trained survivor volunteers contributed over 120,000 hours of service in FY19. Faculty, staff, and volunteers are dedicated to the core values of Caring, Integrity, and Discovery. Together they work toward fulfilling the MD Anderson mission of eliminating cancer as a major health threat.

The University of Texas MD Anderson Cancer Center Addresses

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1515 Holcombe Blvd.
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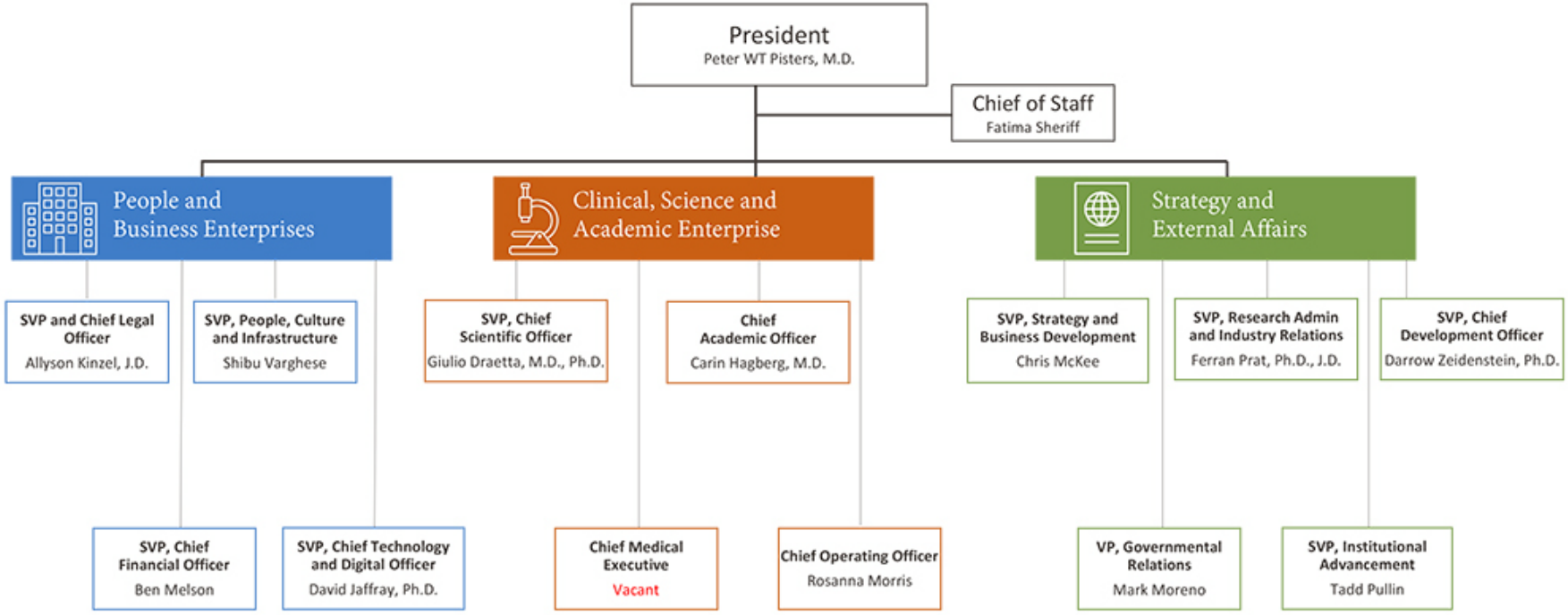
Houston, Texas 77030

University of Texas MD Anderson Cancer Center
Office of the Senior Vice President of Academic Affairs
7007 Bertner Street
Unit 1722
Houston, Texas 77030

University of Texas MD Anderson Cancer Center School of Health Professions
Office of the Dean
1515 Holcombe Blvd.
Unit 0002
Houston, Texas 77030

University of Texas MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences
Office of the Dean
6767 Bertner Avenue
Unit 1011
Houston, Texas 77030

The University of Texas MD Anderson Organizational Chart



Red indicates vacant position

2/052020

The University of Texas MD Anderson Cancer Center
Executive Leadership Team

Name	Title
Peter WT Pisters, M.D.	**President**
Giulio Draetta, M.D., Ph.D.	Senior Vice President, Chief Scientific Officer
David Jaffray, Ph.D.	Senior Vice President, Chief Technology and Digital Officer
Allyson Kinzel, J.D.	Senior Vice President, Chief Legal Officer
Christopher McKee	Senior Vice President, Strategy and Business Development
Ben Melson	Senior Vice President, Chief Financial Officer
Mark Moreno	Vice President, Governmental Relations
Rosanna Morris	Chief Operating Officer
Ferran Prat, Ph.D, J.D.	Senior Vice President, Strategic Industry Ventures
Tadd Pullin	Senior Vice President, Institutional Advancement
Fatima Sheriff	Chief of Staff, Office of the President
Shibu Varghese	Senior Vice President, People and Business Operations
Darrow Zeidenstein, Ph.D.	Senior Vice President, Chief Development Officer

The University of Texas System Board of Regents

The Board of Regents (BOR), the governing body for The University of Texas System, is composed of nine members who are appointed by the Governor and confirmed by the Senate. Terms for Regents are scheduled for six years each and staggered so that three members' terms will usually expire on February 1 of odd-numbered years.* In addition, the Governor appoints a Student Regent for a one-year term that expires on May 31.

Officers

Kevin P. Eltife, Chairman
Janiece Longoria , Vice Chairman
Regent James C. "Rad" Weaver, Vice Chairman

Members

Term Expires May 2020
Student Regent Daniel R. Rodriquez

Terms Expire February 2021
Regent David J. Beck
Regent R. Steven Hicks
Regent Nolan Perez

Terms Expire February 2023
Chairman Kevin P. Eltife
Vice Chairman Janiece Longoria
Vice Chairman James C. "Rad" Weaver

Terms Expire February 2025
Regent Christina Melton Crain
Regent Jodie Lee Jiles
Regent Kelcy L. Warren

* Each Regent's term expires when a successor has been appointed, qualified, and taken the oath of office.

The University of Texas System Executive Offices

Office	Name	Position
Office of the Chancellor	James B. Milliken	Chancellor
Office of Academic Affairs	Steven Leslie	Executive Vice Chancellor for Academic Affairs
Office of Business Affairs	Scott C. Kelley, Ed.D	Executive Vice Chancellor for Business Affairs
Office of Health Affairs	John M. Zerwas, M.D.	Executive Vice Chancellor for Business Affairs
Office of General Counsel	Daniel H. Sharphorn, J.D.	Vice Chancellor and General Counsel
Office of Governmental Relations	Stacey Napier, J.D.	Vice Chancellor and Chief Governmental Relations Officer
Office of External Relations, and Advancement Services	Randa S. Safady, Ph.D.	Vice Chancellor for External Relations, Communications, and Advancement Services
Office of Institutional Research and Analysis	David R. Troutman, Ph.D.	Associate Vice Chancellor for Institutional Research and Analysis

The University of Texas MD Anderson Board of Visitors

The MD Anderson Board of Visitors (BOV) is an appointive board of volunteers within the organizational structure of MD Anderson and the University Cancer Foundation, which assists the President and, upon request, the Board of Regents in an advisory capacity. The purpose of the BOV is to further the mission of MD Anderson and the objectives of the university.

Membership of the BOV consists of persons especially interested in the accomplishments of the mission of MD Anderson and the attainment of its objectives. The BOV consists of over 200 Members, Members-at-Large, Associate Members, Senior Members and Life Members. Members and Members-at-Large serve three year terms and Associate Members serve one year terms. Senior Members and Life Members are exempt from term limits.

The University of Texas MD Anderson Cancer Center Institutes

Multidisciplinary Care Centers

- Brain and Spine
- Breast
- Children's Cancer Hospital
- Colorectal
- Endocrine
- Gastrointestinal
- Genitourinary
- Gynecologic Oncology
- Head and Neck
- Leukemia
- Lymphoma and Myeloma
- Melanoma and Skin
- Sarcoma
- Thoracic

Centers of Excellence

Duncan Family Institute

- Center for Energy Balance in Cancer Prevention and Survivorship
- Center for Translational and Public Health Genomics
- Center for Community-Engaged Translational Research (CCETR)

Institute for Applied Cancer Science

Institute for Cancer Care Innovation

McCombs Institute

- Center for Advanced Biomedical Imaging Research
- Center for Cancer Immunology Research
- Center for Global Cancer Early Detection
- Center for Radiation Oncology Research
- Center for RNA Interference and Non-coding RNAs
- Center for Targeted Therapy
- Metastasis Research Center
- Red and Charline McCombs Institute for the Early Detection and Treatment of Cancer

Zayed Institute for Personalized Cancer Therapy

The University of Texas MD Anderson Core Facilities
Cancer Center Support Grant (CCSG) Shared Resources*

The CCSG provides partial funding for shared resources that are available to all cancer center members. These include a variety of instruments and services to facilitate research. In prioritizing use of these facilities, precedence will be given to peer-reviewed investigators. If publications use data generated by the shared resources, the publications should cite the core grant in the acknowledgement section. The Shared Resources available through MD Anderson are as follows:

Advanced Technology Genomics Core
The Advanced Technology Genomics Core is the primary, "one-stop" genomics core facility for researchers at MD Anderson Cancer Center. Its goal is to use state-of-the-art instrumentation and innovative technical expertise in order to provide investigators with the highest quality genomic data from a comprehensive range of genomic services in a timely manner. Such a centralized facility minimizes duplication of expensive equipment and facilitates continued technical excellence.

Assessment, Intervention and Measurement (AIM) Facility
The Assessment, Intervention and Measurement (AIM) Facility is a shared resource that provides expertise in the science of collecting and managing patient-generated health data, and behavioral intervention development and implementation utilizing web, mobile and other technology applications.

Bioinformatics Shared Resource
The Bioinformatics Shared Resource (BISR) provides consultation and collaboration to research scientists in order to improve the design, conduct and data analysis of studies that use high-throughput molecular biology technologies. This resource operates out of the Section of Bioinformatics in the Department of Biostatistics. Although the first faculty members were recruited in 1999, the Bioinformatics Section itself was formally created in October 2000 as a joint effort of the Biostatistics Department and the Cancer Genomics Program. It is now easier, and often cheaper, to generate millions of data points on the molecular profiles of cancers than it is to analyze those data points statistically or interpret them biologically. With the revolution in DNA and RNA sequencing, the need for bioinformatics support throughout MD Anderson has increased exponentially, and the BISR is the institution's principal resource for dealing with this data deluge. The BISR uses a heterogeneous computing environment supported across Windows, Unix/Linux, and Mac OS X operating systems, with access to more than 300 terabytes of in-house storage space for home directories, research data, and data mirrors. It accesses in-house parallel computing capability through a 48-processor Cray XD1 HPC cluster and a 290-processor distributed computing Condor pool of over 160 Windows workstations (each with ≥2GB of memory) and 8 servers (ranging from 4GB to 16GB of memory).

Biostatistics Resource Group
The Biostatistics Resource Group is a shared resource providing statistical collaboration and consultation to research scientists. The goal is to develop statistical designs for trial conduct and to provide data analysis of current and future therapeutic, diagnostic, prevention and intervention studies, while also improving the patient care that is provided through clinical trials.
**Source: CCSG Shared Resources Website*

CCSG Shared Resources, *continued*

Clinical and Translational Research Center
The Clinical and Translational Research Center (CTRC), created in 1990, is MD Anderson's dedicated unit in which to: Conduct early phase, complex, new drug research and develop new agents for the treatment of cancer and related diseases. CTRC is an on-site resource for M.D. Anderson investigators performing early clinical trials and where patients receive intensive monitoring for complex, early-phase clinical trials. The CTRC Laboratory is housed within the CTRC unit to provide sample collection, processing, storage, and shipping to conduct pharmacology studies. Clinical investigation technicians collect and process blood and urine specimens for clinical trials.

Flow Cytometry and Cellular Imaging Facility
The Flow Cytometry and Cellular Imaging (FCCI) Core Facility was established in 1982 with the goal of providing the large community of investigators at MD Anderson with access to state-of-the-art cell analysis technology. The Core has expanded the number of technologies offered and in use by cancer center members. The FCCI Core now includes two separate sites: the North Campus and South Campus facilities. The South Campus Flow Cytometry & Cell Sorting Core Laboratory (SCFC) was established in 2000. In 2008, The SCFC was awarded CCSG support to provide sufficient capacity to support the institution's investigators. Both the North and South Campus facilities are open to the entire MD Anderson research community.

Functional Genomics Core
Functional Genomics aims to study the complicated interactions between genotype and phenotype at a genome-wide scale. Genome-scale gain- and loss-of-function genetic screens are important approaches to conduct such studies. ShRNA knockdown and ectopic gene expression are important techniques to carry out loss- and gain-of-function experiments for biomedical research.

Functional Proteomics Reverse Phase Protein Array Core
The RPPA Core provides investigators with a powerful, high-throughput, quantitative, cost-effective technology for functional proteomics studies. Furthermore, we provide centralized, standardized and quality-controlled services to investigators not only throughout MD Anderson, but around the world, as well as to several national consortia, including TCGA, CCLE and ICBP. RPPA represents an antibody-based functional proteomic analysis for both tumor tissue and cultured cells. RPPA characterizes the basal protein expression and modification levels, growth factor- or ligand-induced effects, and time-resolved responses appropriate for systems biology analysis. It provides information to integrate the consequence of genetic aberrations in cancer, to validate therapeutic targets, to demonstrate on- and off-target activity of drugs, and to evaluate drug pharmacodynamics.

CCSG Shared Resources, *continued*

Genetically Engineered Mouse Facility
The purpose of the MD Anderson Genetically Engineered Mouse Facility (GEMF) is to provide technologically advanced and efficient mouse mutation resources to faculty members at the institution. Functional Genomics aims to study the complicated interactions between genotype and phenotype at a genome-wide scale. Genome-scale gain- and loss-of-function genetic screens are important approaches to conduct such studies. ShRNA knockdown and ectopic gene expression are important techniques to carry out loss- and gain-of-function experiments for biomedical research.

High Resolution Electron Microscopy Facility
The mission of the High Resolution Electron Microscopy Facility (HREMF) is to provide high quality electron microscopy services at an affordable price to research investigators at MD Anderson Cancer Center. The facility is located in the Smith Research Building (South Campus) and houses a JEOL JEM1010 transmission electron microscope (TEM), a JEOL JSM5900 scanning electron microscope (SEM), a Technotrade coating system, a Leica ultramicrotome, and a Leica ultrastainer. The HREMF personnel are available to provide research support for investigators who are interested in electron microscopy.

Institutional Tissue Bank
The Institutional Tissue Bank (ITB) at MD Anderson is a CLIA-certified research specimen repository developed for the purpose of collection, processing, storage and distribution of patient tissue samples, fluids, and related clinical data across the MD Anderson research investigators and on behalf of the institutional protocols.

Laboratory Animal Genetic Services
Laboratory Animal Genetic Services (LAGS), supported by the institutional Cancer Center Support Grant (P30 CA16672), provides investigators with cost-effective, customized genetic analysis for research laboratory animal studies. Polymorphic genetic markers are used to support speed congenic development, background strain characterization, and genetic quality control for mice and rats. PCR testing for infectious diseases of laboratory mice and rats is also provided, as is general consultation on the genetics of mice and rats.

Metabolomics Facility
The Metabolomics Facility at MD Anderson provides state-of-the-art mass spectrometry analysis of metabolites for basic and clinical cancer research. We offer our services to both MD Anderson and external investigators.

Microbiome Facility
The mission of the Microbiome Core Facility is to support the research at MD Anderson Cancer Center by providing high quality of sequencing technologies to profile microbiota for microbiome studies.

Monoclonal Antibody Core Facility
The Monoclonal Antibody Facility (MAF) provides newly generated custom monoclonal antibodies and purification from user's or commercially available hybridomas, plus additional services to researchers at MD Anderson and beyond.

CCSG Shared Resources, *continued*

ORION
The purpose of our core is to provide state-of-the-art immunoprofiling services to MDACC investigators as well as local investigators. Our services range from single service instrument use to entire project design and analysis. Researchers and Investigators will need to provide the samples for analysis. Samples can be stored short-term prior to assessment.

Research Animal Support Facility - Houston
The Research Animal Support Facility in Houston (RASFH) exists to serve the research programs of MD Anderson. Clinical and basic cancer research involving laboratory animals is conducted at MD Anderson. The Department of Veterinary Medicine and Surgery (DVMS) is the core of the RASFH. The primary mission is to provide the best possible veterinary care, facilities, consultation, and services in support of the institutional animal care and use program, in keeping with all applicable laws, regulations, guidelines, and Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) accreditation standards. The focus of the RASFH is the well being of all animals, the best interests of our researchers, and the best interest of MD Anderson and its animal care and use program. As the institution's research mission evolves, and new animal research needs are identified, RASFH personnel identify new opportunities to participate in additional research support activities. Presently, the use of transgenic, SCID, and targeted mutant (knockout) mice and the associated new molecular programs represent such activities.

Research Animal Support Facility - Smithville
The Research Animal Support Facility (RASF) in the Department of Epigenetics and Molecular Carcinogenesis is supported in part by the institution's Cancer Center Support Grant from the National Cancer Institute. This facility is one of approximately 900 worldwide that are accredited by Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) International, a private nonprofit organization that promotes the humane treatment of animals in science through voluntary accreditation and assessment programs. Our participation in this voluntary program is a demonstration of our commitment to responsible animal care and use. The RASF provides animal husbandry, veterinary care and consultation, surgical and technical support, and numerous research and diagnostic services.

Research Histopathology Core Facility
The Research Histology Core Laboratory (RHCL) provides histological and molecular expertise, technical support and consultation to research investigators, which in turn produces positive outcomes for their research protocols. The purpose of the RHCL is to allow researchers to concentrate their grant funds to their protocols, without the expense of hiring technical personnel or buying costly instrumentation. The services offered are all routine histology procedures along with some specialty services that include alcohol fixation, RNASE and DNASE preparation and sectioning, cell pellets and special stains.

CCSG Shared Resources, *continued*

Shared Decision Making Core
The Shared Decision Making Core (SDM Core) provides researchers with access to decision science expertise and state-of-the-art methods necessary to develop, evaluate, and disseminate SDM interventions to enhance the quality of cancer care delivery at MD Anderson and its partner institutions.

Small Animal Imaging Facility
The Small Animal Imaging Facility (SAIF) is a core MD Anderson research resource. The SAIF team provides comprehensive imaging support services for MD Anderson cancer investigators, including: assistance in experimental design; developing specialty equipment and innovative procedures for imaging; preparing animals for studies, inducing and maintaining appropriate anesthesia and immobilization of animals during imaging; harvesting and marking appropriate tissues for correlation of macroscopic, microscopic and imaging characteristics of the tissue or organ; and processing and interpreting data for publication or grant preparation.

Tissue Procurement & Pathology Resource
The maintenance of a flexible, sophisticated institutional tissue procurement and repository facility with informatics infrastructure is vital to all aspects of current and future intra- and extramural clinical, translational, basic, and population-based research efforts at MD Anderson. The Tissue Biospecimen and Pathology Resource (TBPR) is a well-established, mature CCSG-supported core facility that provides access by all basic science, translational, and clinical investigators to human tissues that have been removed by therapeutic resection or biopsy. Benign and malignant tumor and non-neoplastic and normal control tissue from the entire spectrum of available specimens are obtained and temporarily stored. The TBPR supports hypothesis-generating, -developing, and -testing studies, including both correlative and integrated marker studies in clinical trials.

A.1 Top Ten Newly Diagnosed Cancers at MD Anderson Cancer Center, FY 2014 – FY 2018*

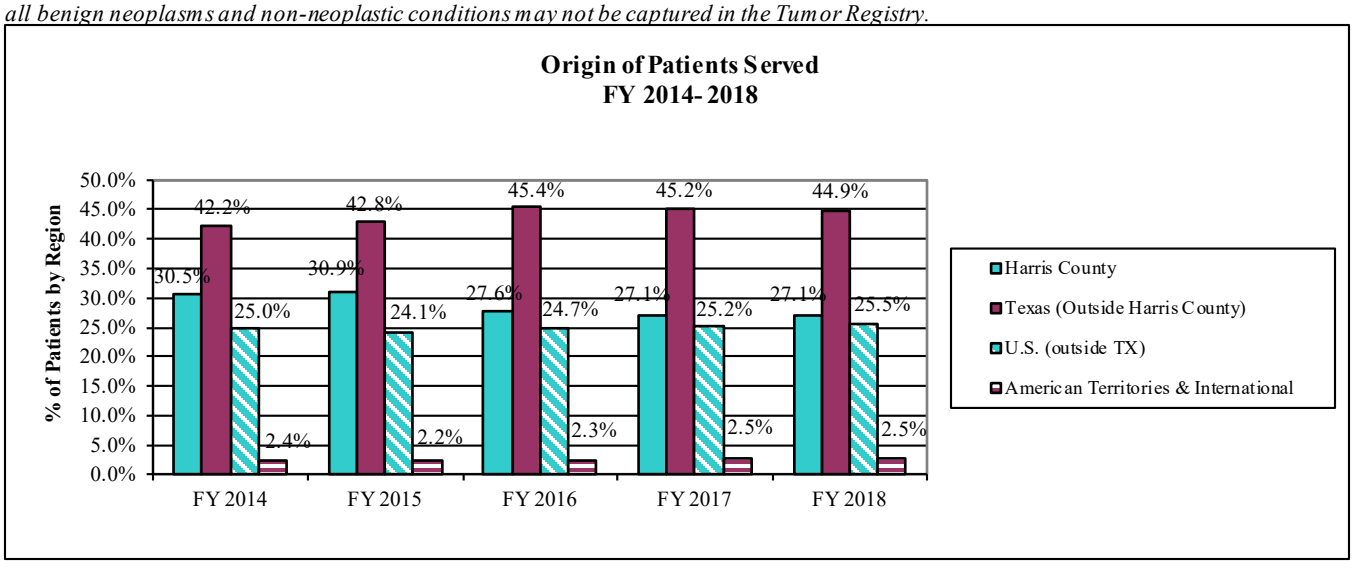
	% of All Cancers - All Ages, Races, and Regions				
Top Ten Newly Diagnosed Cancer Cases	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**
Breast	16.52%	16.09%	15.40%	14.18%	12.69%
Lung & Bronchus	9.44%	9.70%	6.43%	7.13%	7.04%
Prostate	8.14%	8.42%	7.19%	7.16%	8.87%
Melanomas of the Skin	4.76%	5.30%	4.27%	3.98%	5.39%
Leukemia	4.78%	4.47%	3.90%	4.03%	2.99%
Non-Hodgkin's Lymphoma	4.60%	5.03%	4.32%	4.49%	3.69%
Colon & Rectum	5.97%	6.11%	5.81%	6.47%	4.74%
Oral Cavity & Pharynx	4.01%	4.32%	3.26%	3.33%	3.96%
Kidney & Renal Pelvis	4.26%	3.88%	2.73%	2.66%	3.43%
Brain & Other Nervous System	2.94%	2.74%	3.51%	3.64%	2.23%
Pancreas	3.29%	3.05%	N/A	N/A	2.08%

**Top 10 disease sites based on the average disease site mix of cancer cases new to MDACC. Counts for disease sites based on SEER groupings using ICD-O site and Histology coding. Newly Diagnosed Cancer Cases: Total count of malignant neoplasms or malignancy-related conditions that have been addressed at MD Anderson for the first time (a subset of Cancer Cases New to MD Anderson) who were seen at MD Anderson in the same fiscal year or calendar year of diagnosis of that cancer case. Cases may have been diagnosed/treated at any facility during the specified fiscal/calendar year. This is a count of cancer cases, not patients.*

A.2 Origin Mix of Total Patients Served, FY 2014 – FY 2018*

	% of Patients Served by Region				
Regions	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**
Harris County	30.5%	30.9%	27.6%	27.1%	27.1%
Texas (outside of Harris County)	42.2%	42.8%	45.4%	45.2%	44.9%
U.S. (outside of Texas)	25.0%	24.1%	24.7%	25.2%	25.5%
American Territories & International	2.4%	2.2%	2.3%	2.5%	2.5%

**Total Patients Served: The total count of patients newly or previously assigned a medical record who were diagnosed with and/or received care during a specified year for a malignant neoplasm or a malignancy-related condition, benign neoplasm, and/or a non-neoplastic condition identified in the Tumor Registry. This count excludes employee/visitor health, no-show, outreach, and bone marrow donor registrations, as well as any individual with a newly or previously assigned medical record number who only received a screening during the specified year. Patients are counted in only one category with priority given to cancer first, then benign, and finally non-neoplastic. After the first 4 months from the registration date, Tumor Registry usually updates a patient's tumor registry record only when a new malignant primary is discovered or a patient has died. Therefore, all benign neoplasms and non-neoplastic conditions may not be captured in the Tumor Registry.*



A.3 Institutional Statistics, Current Month, Current Year to Date, Prior Fiscal Years*

CFO - Hyperion, Statement of Operations	FY19	FY18	FY17	FY16	FY15	FY14
Total Operating Revenue	5,878,442,025	5,225,221,554	4,999,342,760	4,480,444,361	4,495,768,037	4,412,923,943
Total Operating Expense	4,923,374,728	4,438,334,915	4,299,888,209	4,272,911,647	3,928,889,508	3,683,180,248
Total Margin Contributed to Capital Plan	955,067,297	786,886,639	699,454,551	207,532,714	566,878,529	729,743,695
CFO- Hyperion, Operating Statistics	FY19	FY18	FY17	FY16	FY15	FY14
Admissions	30,339	29,118	28,793	27,391	28,167	27,761
Patient Days	218,217	207,071	202,411	198,080	202,483	202,636
Average Daily Census	618	587	577	561	574	571
Average Occupancy Rate	92%	87%	85%	85%	86%	87%
Average # of Operating Beds	669	673	681	661	665	654
Average Length of Stay	7.2	7.1	7.0	7.2	7.2	7.3
Outpatient Billable Visits	1,547,197	1,458,076	1,441,403	1,404,329	1,440,684	1,363,008
CFO- Hyperion, Operating Statistics	YTD FY19	FY18	FY17	FY16	FY15	FY14
Total Surgeries	22,377	22,267	21,913	21,108	21,835	19,828
Surgery Hours	71,701	71,462	70,459	67,936	69,987	69,506
CFO- Hyperion, Operating Statistics	YTD FY19	FY18	FY17	FY16	FY15	FY14
Lab Med / Pathology Billed Procedures	13,262,586	13,280,436	12,700,333	12,073,679	12,334,917	12,005,766
Diagnostic Imaging Billed Procedures	615,053	611,190	574,018	524,044	530,590	523,297
Radiation Oncology Billed Procedures	341,240	266,619	228,974	207,425	254,361	283,536
Stem Cell Transplants	741	770	735	732	857	847
Public Affairs	YTD FY19	FY18	FY17	FY16	FY15	FY14
Volunteer Hours	120,431	117,993	122,637	121,356	145,452	164,970
Internet Services	YTD FY19	FY18	FY17	FY16	FY15	FY14
Visits: www.mdanderson.org	16,716,555	12,933,438	12,532,707	15,135,175	17,043,853	12,023,983
Visits: inside.mdanderson.org	17,536,261	13,137,349	12,228,498	13,366,165	12,737,482	12,273,139

*Data provided by MD Anderson Annual Report, previous years based upon Hyperion reported data (Quickstats)

A.4 U.T. MD Anderson Work Report, Fiscal Year 2019

MD Anderson Workforce Report- FY 2019

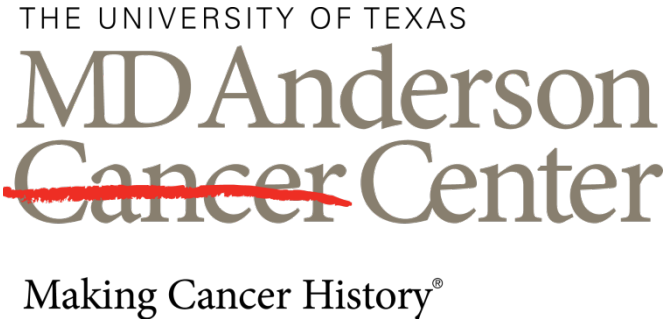
MONTH	Total Employees	Change #	Change %	Full-Time Equivalents	Change #	Change %	Total Full-Time	Change #	Change %	Total Part-Time	Change #	Change %
August, 2018	20,318			19,792.39			18,465			1,853		
September, 2018	20,435	117	1%	19,905.29	112.90	0.57%	18,563	98	0.53%	1,872	19	1.01%
October, 2018	20,641	206	1.00%	20,105.42	200.13	1.00%	18,727	164	0.88%	1,914	42	2.19%
November, 2018	20,775	134	0.65%	20,236.37	130.95	0.65%	18,837	110	0.58%	1,938	24	1.24%
December, 2018	20,853	78	0.37%	20,310.86	74.49	0.37%	18,914	77	0.41%	1,939	1	0.05%
January, 2019	20,941	88	0.42%	20,388.38	77.52	0.38%	18,977	63	0.33%	1,964	25	1.27%
February, 2019	21,016	75	0.36%	20,457.51	69.13	0.34%	19,021	44	0.23%	1,995	31	1.55%
March, 2019	21,112	96	0.45%	20,556.05	98.54	0.48%	19,130	109	0.57%	1,982	-13	-0.66%
April, 2019	21,255	143	0.67%	20,695.02	138.97	0.67%	19,246	116	0.60%	2,009	27	1.34%
May, 2019	21,365	110	0.51%	20,797.18	102.16	0.49%	19,333	87	0.45%	2,032	23	1.13%
June, 2019	21,606	241	1.12%	21,038.21	241.03	1.15%	19,570	237	1.21%	2,036	4	0.20%
July, 2019	21,777	171	0.79%	21,207.70	169.49	0.80%	19,686	116	0.59%	2,091	55	2.63%
August, 2019	21,693	-84	-0.39%	21,126.59	-81.11	-0.38%	19,610	-76	-0.39%	2,083	-8	-0.38%

Reporting Source: PeopleSoft

Data provided as of last day of each month.

Includes Hourly and Temp Employees.

B. Student Information


THE UNIVERSITY OF TEXAS
MD Anderson
Cancer Center
Making Cancer History®

B.1 SHP Applied, Admitted and Enrolled Data by Program

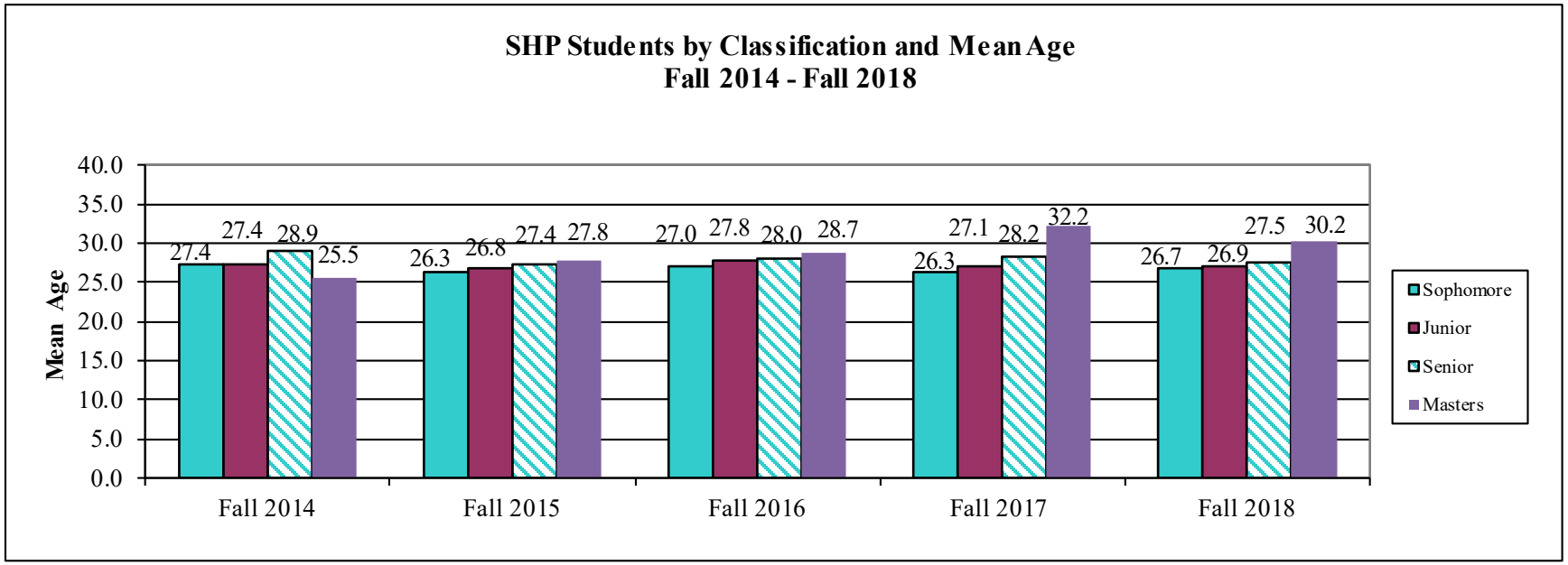
	Fall 2015			Fall 2016			Fall 2017			Fall 2018		
Program	**Applied**	**Admitted**	**Enrolled**	**Applied**	**Admitted**	**Enrolled***	**Applied**	**Admitted**	**Enrolled**	**Applied**	**Admitted**	**Enrolled**
BS Clinical Laboratory Sciences	52	28	28	44	15	15	38	13	13	41	18	17
BS Cytogenetic Technology	26	17	16	27	14	14	40	25	25	38	27	27
BS Cytotechnology	35	9	9	4	0	0	2	0	0	0	0	0
MS Diagnostic Genetics	28	9	9	48	11	11	27	6	5	25	6	6
BS Diagnostic Imaging	99	33	33	117	38	38	137	39	39	139	48	42
CRT Diagnostic Imaging	11	7	7	6	4	4	0	0	0	3	2	2
BS Diagnostic Medical Sonography*	48	9	9	42	12	12	62	11	11	78	17	12
BS Health Care Disparities, Diversity & Advocacy				24	10	10	20	7	7	13	9	9
BS Histotechnology*	25	18	18	35	19	19	36	19	19	32	20	19
BS Medical Dosimetry	58	21	21	52	20	20	62	21	21	75	24	15
BS Molecular Genetic Technology	33	22	22	52	33	33	32	22	22	54	38	38
BS Radiation Therapy	39	23	23	46	25	25	58	25	25	55	37	25
Total	**454**	**196**	**195**	**497**	**201**	**201**	**514**	**188**	**187**	**553**	**246**	**212**

*Source: SHP Dean's Report *MS in Diagnostics Genetics, BS in Diagnostic Medical Sonography, and CRT in Diagnostic Imaging implemented in 201*

B.2 SHP Students by Mean Age and Level, Fall 2014 – Fall 2018

MEAN STUDENT AGE BY CLASSIFICATION	Fall 2014		Fall 2015		Fall 2016		Fall 2017		Fall 2018	
	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT
SOPHOMORE	27.4	97	26.3	35	27.0	69	26.3	35	26.7	94
JUNIOR	27.4	80	26.8	165	27.8	157	27.1	178	26.9	161
SENIOR	28.9	115	27.4	104	28.0	92	28.2	108	27.5	101
MASTERS	25.5	11	27.8	16	28.7	21	32.2	36	30.2	20
OVERALL	**27.9**	**303**	**27**	**320**	**27.7**	**339**	**27.9**	**357**	**27.2**	**376**

Source: Certified CBM001



B.3 SHP Students by Gender and Ethnicity, Fall 2014 – Fall 2018

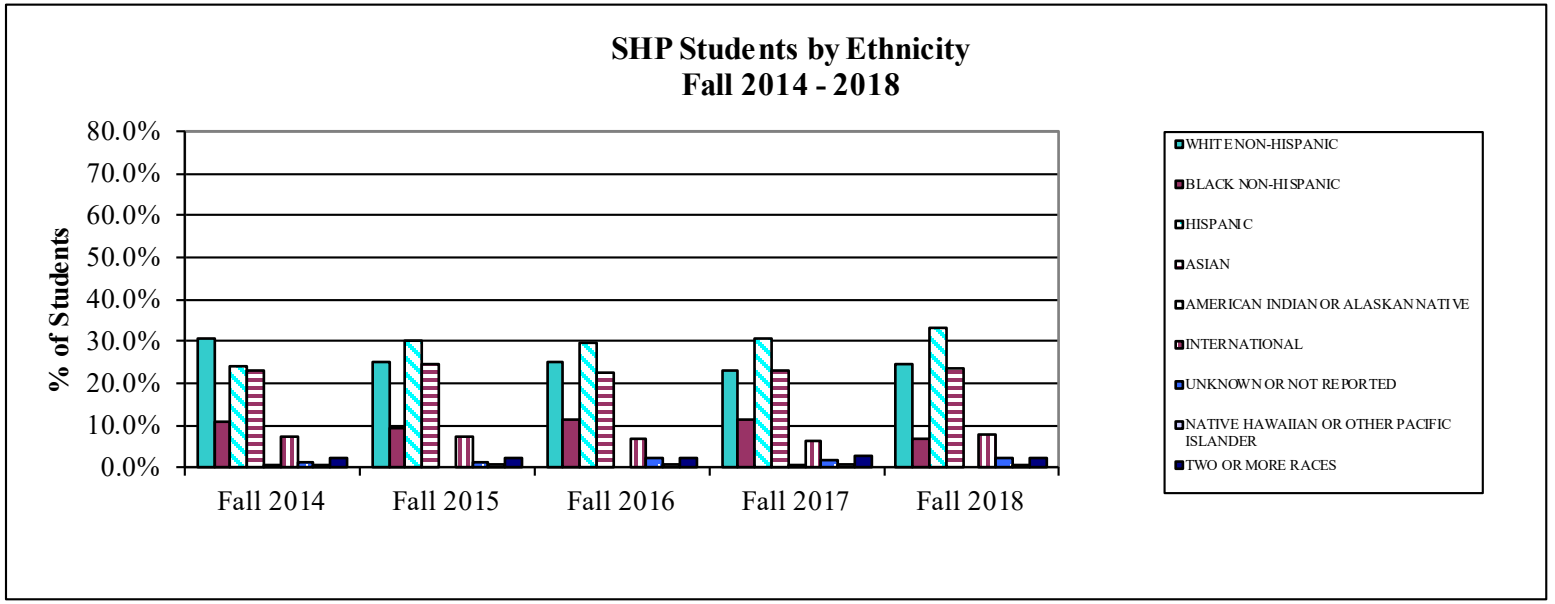
		Fall 2014	% of	Fall 2015	% of	Fall 2016	% of	Fall 2017	% of	Fall 2018	% of
ETHNIC ORIGIN	**GENDER**	**COUNT**	**Students**	**COUNT**	**Students**	**COUNT**	**Students**	**COUNT**	**Students**	**COUNT**	**Students**
WHITE NON-HISPANIC	FEMALE	65	21.5%	53	16.6%	61	18.0%	60	16.8%	72	19.1%
	MALE	28	9.2%	27	8.4%	24	7.1%	22	6.2%	20	5.3%
Subtotal		93	30.7%	80	25.0%	85	25.1%	82	23.0%	92	24.5%
BLACK NON-HISPANIC	FEMALE	27	8.9%	21	6.6%	24	7.1%	23	6.4%	20	5.3%
	MALE	6	2.0%	9	2.8%	15	4.4%	18	5.0%	6	1.6%
Subtotal		33	10.9%	30	9.4%	39	11.5%	41	11.5%	26	6.9%
HISPANIC	FEMALE	48	15.8%	70	21.9%	73	21.5%	80	22.4%	93	24.7%
	MALE	25	8.3%	27	8.4%	27	8.0%	30	8.4%	31	8.2%
Subtotal		73	24.1%	97	30.3%	100	29.5%	110	30.8%	124	33.0%
ASIAN	FEMALE	42	13.9%	52	16.3%	56	16.5%	57	16.0%	64	17.0%
	MALE	28	9.2%	26	8.1%	20	5.9%	26	7.3%	24	6.4%
Subtotal		70	23.1%	78	24.4%	76	22.4%	83	23.2%	88	23.4%
AMERICAN INDIAN OR ALASKAN NATIVE	FEMALE	1	0.3%	0	0.0%	0	0.0%	1	0.3%	0	0.0%
	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Subtotal		1	0.3%	0	0.0%	0	0.0%	1	0.3%	0	0.0%
INTERNATIONAL	FEMALE	16	5.3%	13	4.1%	12	3.5%	16	4.5%	23	6.1%
	MALE	6	2.0%	10	3.1%	10	2.9%	6	1.7%	6	1.6%
Subtotal		22	7.3%	23	7.2%	22	6.5%	22	6.2%	29	7.7%
UNKNOWN OR NOT REPORTED	FEMALE	2	0.7%	1	0.3%	5	1.5%	5	1.4%	7	1.9%
	MALE	2	0.7%	2	0.6%	3	0.9%	1	0.3%	1	0.3%
Subtotal		4	1.3%	3	0.9%	8	2.4%	6	1.7%	8	2.1%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	FEMALE	1	0.3%	2	0.6%	1	0.3%	1	0.3%	0	0.0%
	MALE	0	0.0%	0	0.0%	1	0.3%	1	3.0%	1	0.3%
Subtotal		1	0.3%	2	0.6%	2	0.6%	2	0.6%	1	0.3%
TWO OR MORE RACES	FEMALE	3	1.0%	2	0.6%	3	0.9%	8	2.2%	5	1.3%
	MALE	3	1.0%	5	1.6%	4	1.2%	2	0.6%	3	0.8%
Subtotal		6	2.0%	7	2.2%	7	2.1%	10	2.8%	8	2.1%
TOTAL		**303**	**100.0%**	**320**	**100.0%**	**339**	**100.0%**	**357**	**100.0%**	**376**	100.0%

Source: Certified CBM001

B.4 SHP Students by Ethnicity, Fall 2014 – Fall 2018

ETHNIC ORIGIN	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
WHITE NON-HISPANIC	93	30.7%	80	25.0%	85	25.1%	82	22.9%	92	24.5%
BLACK NON-HISPANIC	33	10.9%	30	9.4%	39	11.5%	41	11.5%	26	6.9%
HISPANIC	73	24.1%	97	30.3%	100	29.5%	110	30.8%	124	33.0%
ASIAN	70	23.1%	78	24.4%	76	22.4%	83	23.2%	88	23.4%
AMERICAN INDIAN OR ALASKAN NATIVE	1	0.3%	0	0.0%	0	0.0%	1	0.3%	0	0.0%
INTERNATIONAL	22	7.3%	23	7.2%	22	6.5%	22	6.2%	29	7.7%
UNKNOWN OR NOT REPORTED	4	1.3%	3	0.9%	8	2.4%	6	1.7%	8	2.1%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	1	0.3%	2	0.6%	2	0.6%	2	0.6%	1	0.3%
TWO OR MORE RACES	6	2.0%	7	2.2%	7	2.1%	10	2.8%	8	2.1%
TOTAL	**303**	**100.0%**	**320**	**100.0%**	**339**	**100.0%**	**357**	100.0%	**357**	100.0%

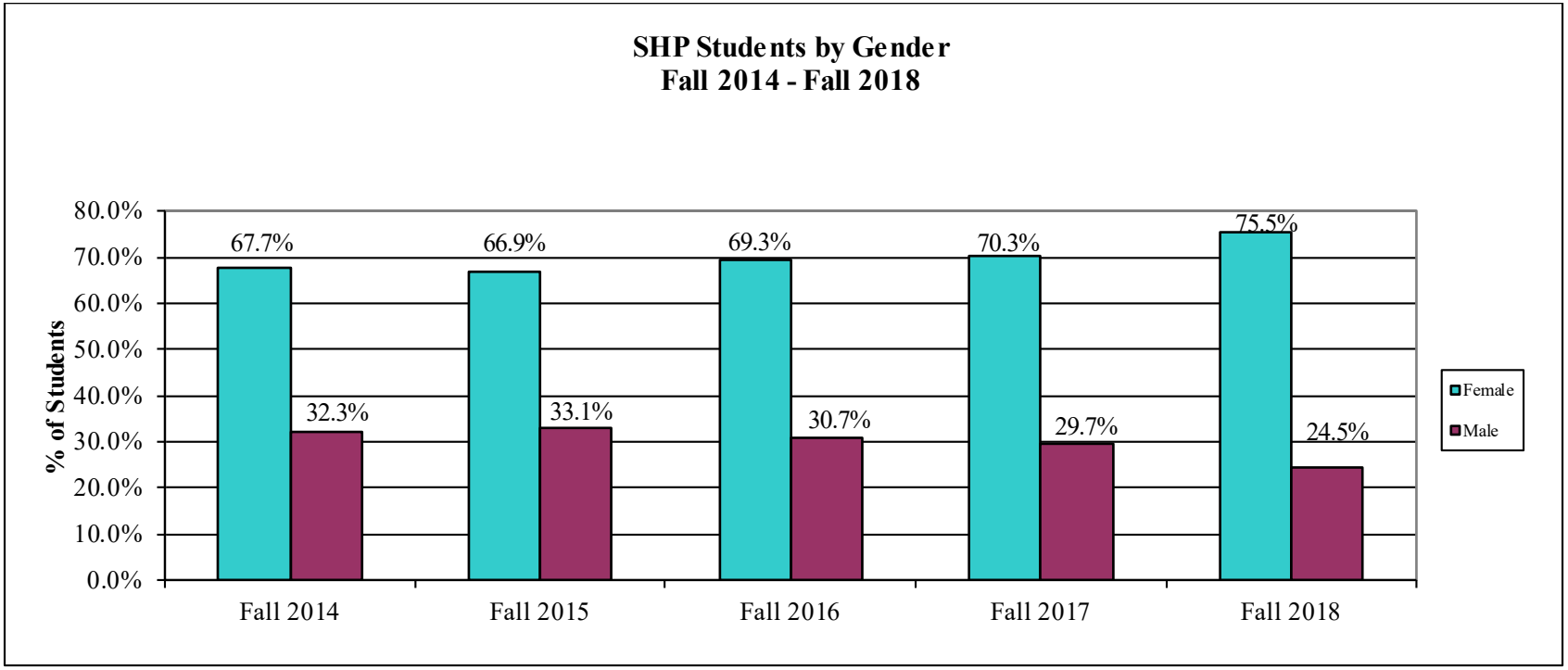
Source: Certified CBM001



B.5 SHP Students by Gender, Fall 2014 – Fall 2018

GENDER	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
FEMALE	205	67.7%	214	66.9%	235	69.3	251	70.3%	284	75.5%
MALE	98	32.3%	106	33.1%	104	30.7	106	29.7%	92	24.5%
TOTAL	**303**	**100.0%**	**320**	**100.0%**	**339**	**100.0%**	**357**	**100.0%**	**376**	**100.0%**

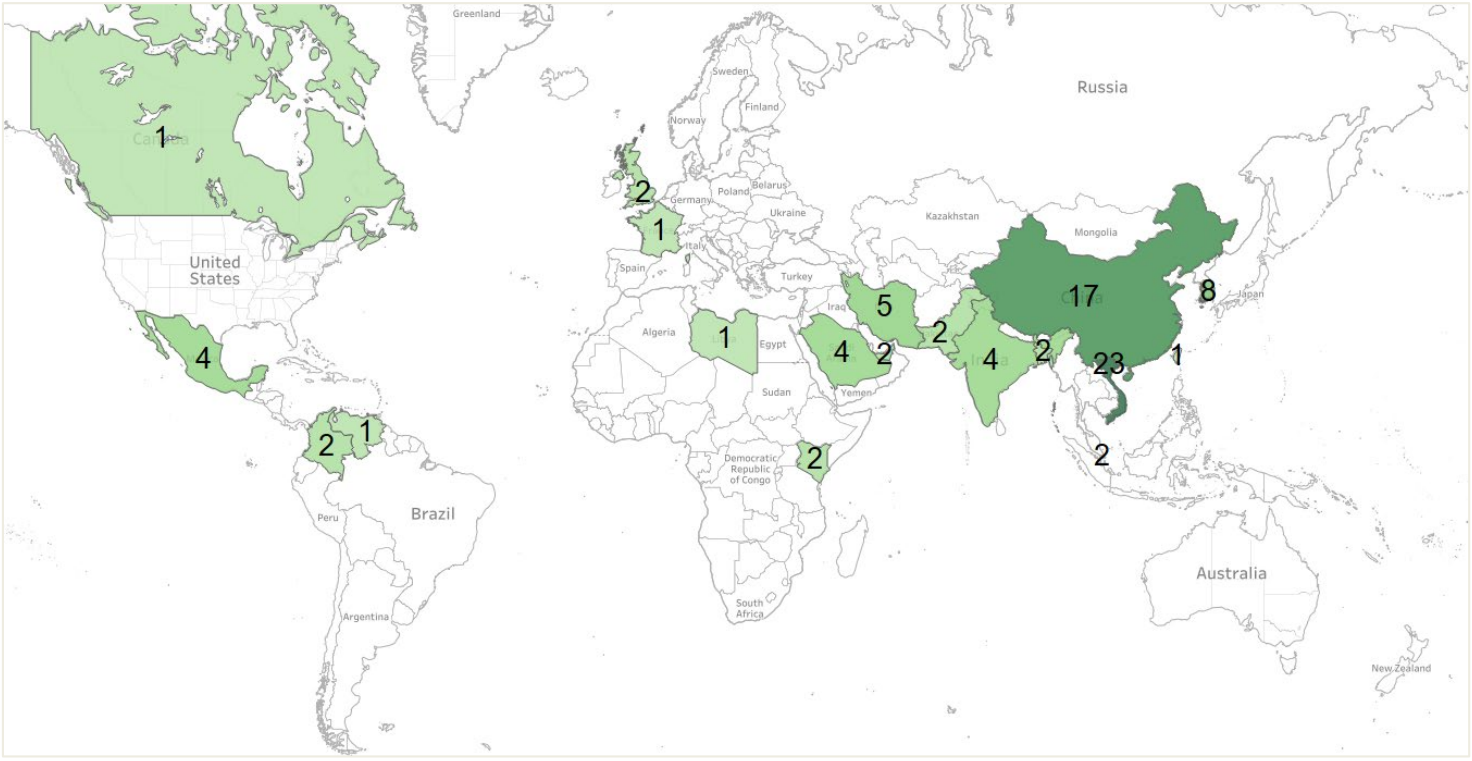
Source: Certified CBM001



B.6a SHP Students by Residency - International, Fall 2014 – Fall 2018

		Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
RESIDENCE	**RESIDENCE TYPE**	**COUNT**	**COUNT**	**COUNT**	**COUNT**	**COUNT**
Bangladesh	INTERNATIONAL	0	0	0	1	1
Canada	INTERNATIONAL	0	0	0	0	1
China	INTERNATIONAL	1	3	8	5	0
Colombia	INTERNATIONAL	0	1	1	0	0
France	INTERNATIONAL	0	0	0	0	1
India	INTERNATIONAL	2	1	0	0	1
Iran	INTERNATIONAL	1	1	2	1	0
Kenya	INTERNATIONAL	0	1	1	0	0
Korea, Republic of	INTERNATIONAL	1	1	2	2	2
Libya	INTERNATIONAL	0	0	1	0	0
Mexico	INTERNATIONAL	0	1	1	1	1
Pakistan	INTERNATIONAL	0	1	0	0	1
Saudi Arabia	INTERNATIONAL	1	2	1	0	0
Singapore	INTERNATIONAL	0	1	1	0	0
Taiwan	INTERNATIONAL	1	0	0	0	0
United Arab Emirates	INTERNATIONAL	0	1	1	0	0
United Kingdom	INTERNATIONAL	1	1	0	0	0
Venezuela	INTERNATIONAL	0	0	0	0	1
Vietnam	INTERNATIONAL	1	1	4	5	12
SUBTOTAL, INTERNATIONAL		9	16	23	15	21

International SHP Students by Residency Fall 2014-2018

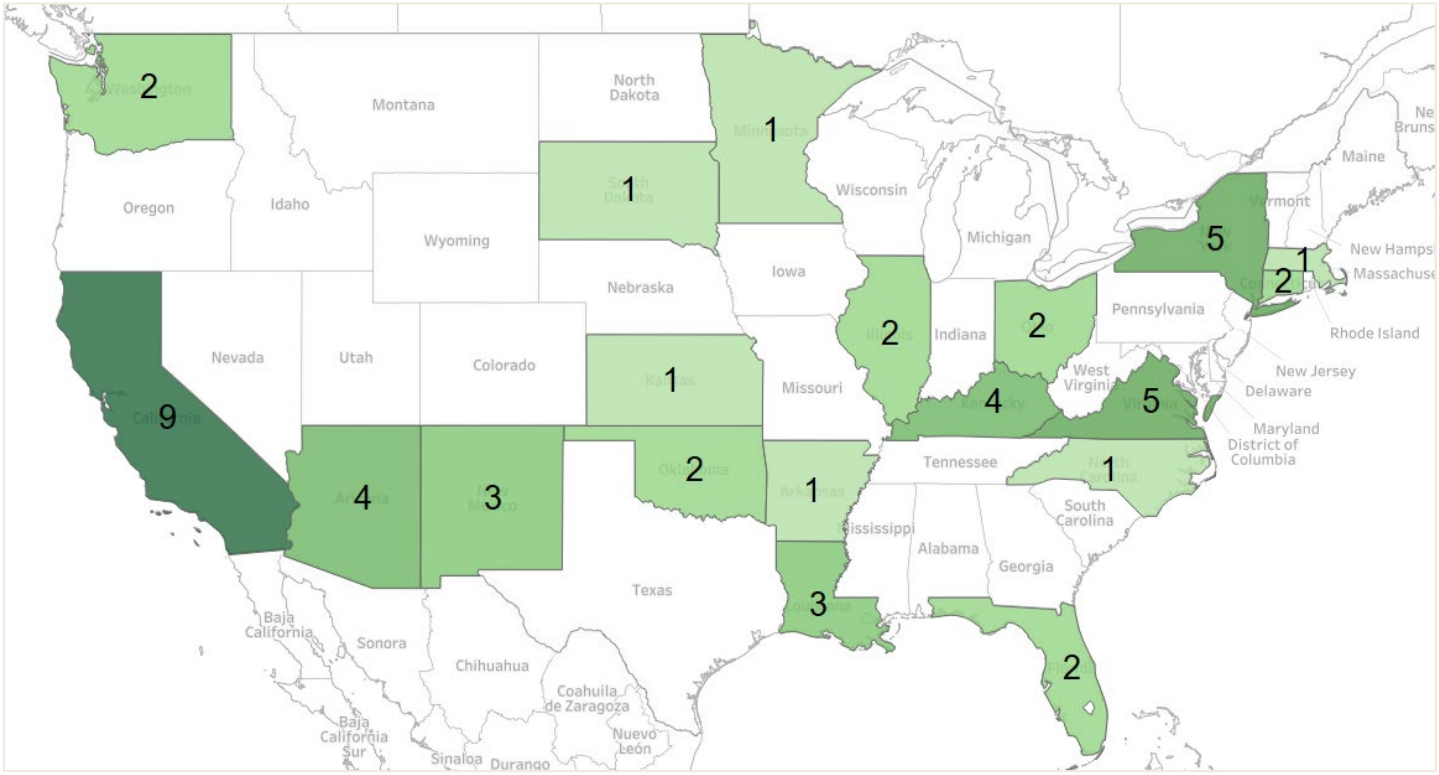


B.6b SHP Students by Residency - Out of State, Fall 2014 – Fall 2018

		Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
RESIDENCE	**RESIDENCE TYPE**	**COUNT**	**COUNT**	**COUNT**	**COUNT**	**COUNT**
Arizona	OUT OF STATE	1	1	0	0	2
Arkansas	OUT OF STATE	1	0	0	0	0
California	OUT OF STATE	0	3	5	0	1
Connecticut	OUT OF STATE	1	1	0	0	0
Florida	OUT OF STATE	0	1	1	0	0
Illinois	OUT OF STATE	0	0	1	0	1
Kansas	OUT OF STATE	0	0	0	1	0
Kentucky	OUT OF STATE	0	1	1	1	1
Louisiana	OUT OF STATE	0	0	1	0	2
Massachusetts	OUT OF STATE	0	0	0	0	1
Minnesota	OUT OF STATE	0	1	0	0	0
New Mexico	OUT OF STATE	2	1	0	0	0
New York	OUT OF STATE	0	1	2	2	0
North Carolina	OUT OF STATE	1	0	0	0	0
Ohio	OUT OF STATE	0	0	1	1	0
Oklahoma	OUT OF STATE	0	0	1	1	0
South Dakota	OUT OF STATE	0	0	0	0	1
Virginia	OUT OF STATE	0	1	1	2	1
Washington	OUT OF STATE	0	0	1	1	0
SUBTOTAL, OUT OF STATE		6	11	15	9	10

Source: Certified CBM001

Continental U.S. Out of State SHP Students by Residency Fall 2014-2018



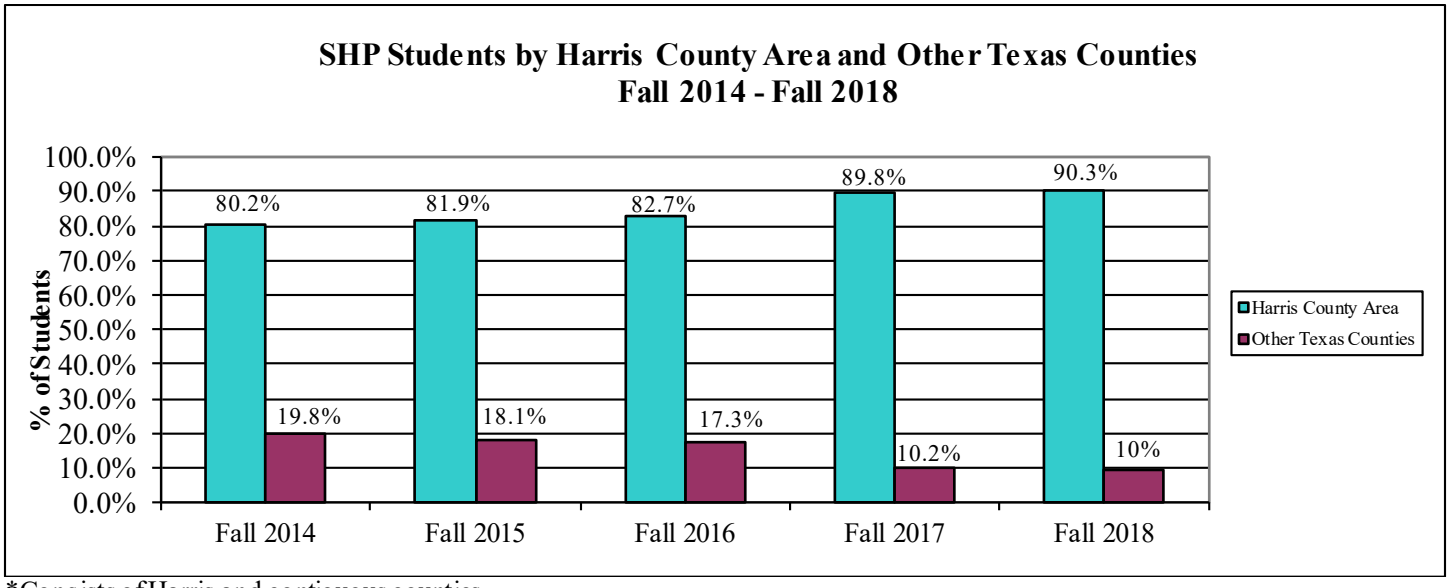
B.7 SHP Students by Residency - Texas County, Fall 2014 – Fall 2018

		Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
RESIDENCE	RESIDENCE TYPE	COUNT	COUNT	COUNT	COUNT	COUNT
Angelina County	TEXAS COUNTY	0	0	1	1	0
Austin County	TEXAS COUNTY	1	1	0	0	3
Bell County	TEXAS COUNTY	0	0	1	1	0
Bexar County	TEXAS COUNTY	6	1	5	4	2
Brazoria County	TEXAS COUNTY	20	17	12	16	18
Brazos County	TEXAS COUNTY	0	1	2	1	2
Brown County	TEXAS COUNTY	0	0	1	1	0
Burleson County	TEXAS COUNTY	0	0	0	1	0
Cameron County	TEXAS COUNTY	0	1	1	0	0
Chambers County	TEXAS COUNTY	0	0	1	1	0
Collin County	TEXAS COUNTY	5	8	2	1	1
Colorado County	TEXAS COUNTY	2	0	0	0	0
Comal County	TEXAS COUNTY	0	1	0	0	1
Dallas County	TEXAS COUNTY	3	5	5	3	3
Denton County	TEXAS COUNTY	2	1	1	1	1
Duval County	TEXAS COUNTY	0	1	0	0	0
El Paso County	TEXAS COUNTY	0	1	0	1	2
Fayette County	TEXAS COUNTY	1	0	0	0	0
Fort Bend County	TEXAS COUNTY	26	26	29	34	47
Freestone County	TEXAS COUNTY	1	1	1	0	0
Galveston County	TEXAS COUNTY	11	11	10	12	7
Guadalupe County	TEXAS COUNTY	1	0	0	0	0
Hardin County	TEXAS COUNTY	0	0	0	1	0
Harris County	TEXAS COUNTY	168	174	195	223	226
Hays County	TEXAS COUNTY	0	0	1	1	0
Hidalgo County	TEXAS COUNTY	2	4	0	0	0
Hockley County	TEXAS COUNTY	0	0	0	0	1
Hopkins County	TEXAS COUNTY	0	1	1	1	0
Houston County	TEXAS COUNTY	4	7	3	4	7
Hunt County	TEXAS COUNTY	0	1	1	0	1
Jefferson County	TEXAS COUNTY	1	2	4	2	1
Johnson County	TEXAS COUNTY	0	0	0	2	1
Jones County	TEXAS COUNTY	1	0	0	0	0
Kerr County	TEXAS COUNTY	1	0	0	0	0
Lamar County	TEXAS COUNTY	0	0	0	0	2
Lavaca County	TEXAS COUNTY	1	1	0	0	0
Lee County	TEXAS COUNTY	1	1	1	0	0
Liberty County	TEXAS COUNTY	0	1	1	0	0
Matagorda County	TEXAS COUNTY	1	0	0	0	0
Maverick County	TEXAS COUNTY	0	0	0	0	1
Montgomery County	TEXAS COUNTY	17	11	12	12	9
Nueces County	TEXAS COUNTY	1	1	0	0	0
Oldham County	TEXAS COUNTY	0	1	0	0	0

B.7 SHP Students by Residency - Texas County, *continued*

		Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
RESIDENCE	**RESIDENCE TYPE**	**COUNT**	**COUNT**	**COUNT**	**COUNT**	**COUNT**
Parker County	TEXAS COUNTY	1	1	0	0	0
Raines County	TEXAS COUNTY	1	1	0	0	0
Randall County	TEXAS COUNTY	1	2	1	0	0
Robertson County	TEXAS COUNTY	1	0	0	0	0
Tarrant County	TEXAS COUNTY	1	4	2	1	1
Travis County	TEXAS COUNTY	4	2	4	5	2
Uvalde County	TEXAS COUNTY	0	0	1	1	0
Victoria County	TEXAS COUNTY	0	0	0	1	3
Waller County	TEXAS COUNTY	0	0	0	1	1
Washington County	TEXAS COUNTY	1	0	0	0	0
Williamson County	TEXAS COUNTY	1	2	2	0	2
SUBTOTAL, TEXAS COUNTY		288	293	301	333	345

Source: Certified CBM001
**Fall 2012 counts may or may not represent accurate data*

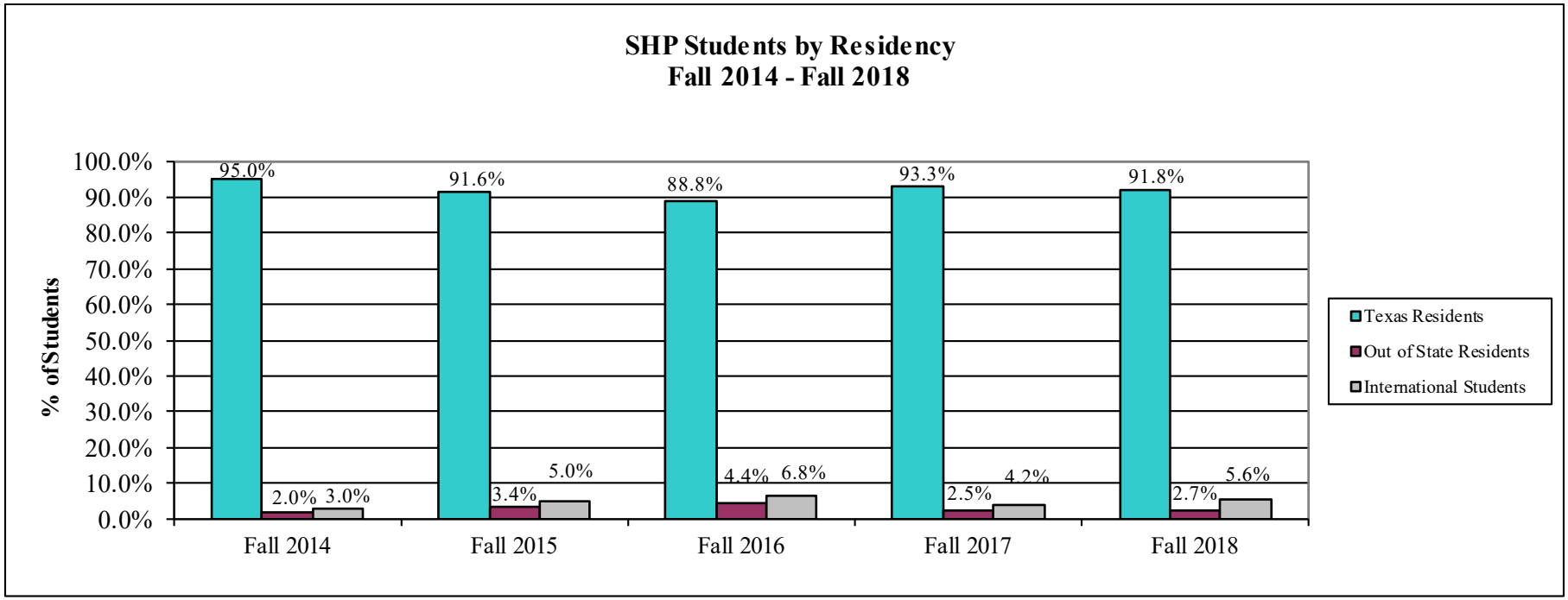


*Consists of Harris and contiguous counties

B.8 SHP Students by Residency Type, Fall 2014 – Fall 2018

RESIDENCE TYPE	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
Texas Residents	288	95.0%	293	91.6%	301	88.8%	333	93.3%	345	91.8%
Out of State Students	6	2.0%	11	3.4%	15	4.4%	9	2.5%	10	2.7%
International Students	9	3.0%	16	5.0%	23	6.8%	15	4.2%	21	5.6%
TOTAL	**303**	**100.0%**	**320**	**100.0%**	**339**	**100.0%**	**357**	**100.0%**	**376**	**100.0%**

Source: Certified CBM001



B.9 UT Graduate School of Biomedical Sciences at Houston (GSBS) Applications, Accepted, and Admitted, by Program and Year

	Year	M.D./ Ph.D.*	(M.S.)Ph.D.	Individualized M.S.	Specialized M.S.	Non-degree	Total	Average GPA**
Completed Application	2014	-	672	56	117	9	854	-
Admitted Applicant	2014	-	104	12	12	9	137	3.6
Enrolled Applicant	2014	5	21	10	11	9	86	3.6

	Year	M.D./ Ph.D.*	(M.S.)Ph.D.	Individualized M.S.	Specialized M.S.	Non-degree	Total	Average GPA**
Completed Application	2015	-	575	51	146	3	775	-
Admitted Applicant	2015	-	122	15	16	3	153	3.6
Enrolled Applicant	2015	8	59	9	11	3	90	3.6

	Year	M.D./ Ph.D.*	(M.S.)Ph.D.	Individualized M.S.	Specialized M.S.	Non-degree	Total	Average GPA**
Completed Application	2016	-	584	39	174	12	809	-
Admitted Applicant	2016	-	121	21	16	12	170	3.6
Enrolled Applicant	2016	5	64	14	11	12	106	3.5

	Year	M.D./ Ph.D.*	(M.S.)Ph.D.	Individualized M.S.	Specialized M.S.	Non-degree	Total	Average GPA**
Completed Application	2017	-	563	52	142	6	763	-
Admitted Applicant	2017	-	107	30	12	5	154	3.6
Enrolled Applicant	2017	5	53	21	12	4	95	3.5

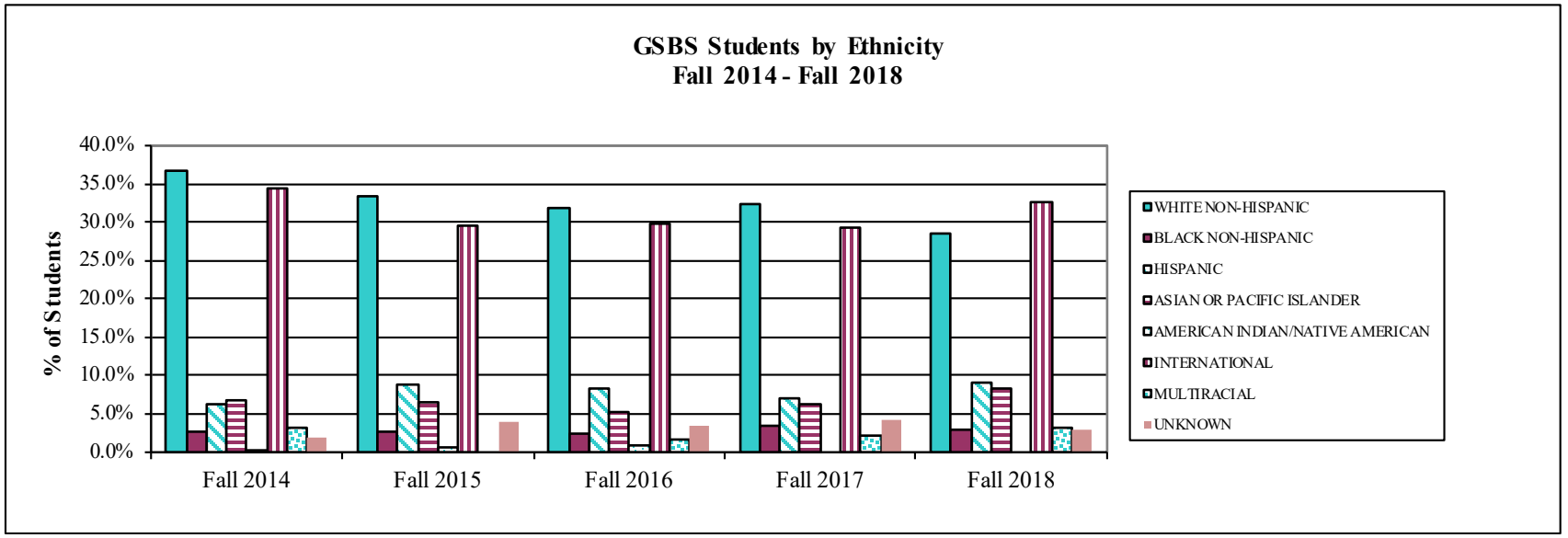
	Year	M.D./ Ph.D.*	(M.S.)Ph.D.	Individualized M.S.	Specialized M.S.	Non-degree	Total	Average GPA**
Completed Application	2018		567	73	225	8	873	-
Admitted Applicant	2018		142	40	13	8	203	3.5
Enrolled Applicant	2018	5	71	20	11	8	115	3.5

**Excludes M.D./Ph.D. applicants and admissions*
*** Average undergrad GPA for Ph.D. applicants*
Source: UT Graduate School of Biomedical Sciences

B.10 GSBS Students by Ethnicity, Fall 2014– Fall 2018*

ETHNIC ORIGIN	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
WHITE NON-HISPANIC	179	36.8%	163	33.5%	155	31.9%	157	32.3%	139	28.6%
BLACK NON-HISPANIC	13	2.7%	13	2.7%	12	2.5%	17	3.5%	14	2.9%
HISPANIC	30	6.2%	43	8.8%	41	8.4%	34	7.0%	44	9.1%
ASIAN OR PACIFIC ISLANDER	33	6.8%	32	6.6%	25	5.1%	30	6.2%	41	8.4%
AMERICAN INDIAN OR ALASKAN NATIVE	1	0.2%	3	0.6%	4	0.8%	0	0.0%	0	0.0%
INTERNATIONAL	167	34.4%	144	29.6%	145	29.8%	143	29.4%	159	32.7%
MULTIRACIAL	15	3.1%		0.0%	8	1.6%	10	2.1%	16	3.3%
UNKNOWN OR NOT REPORTED	9	1.9%	19	3.9%	17	3.5%	20	4.1%	14	2.9%
TOTAL	**447**	100.0%	**417**	100.0%	**407**	100.0%	**411**	100.0%	**427**	100.0%

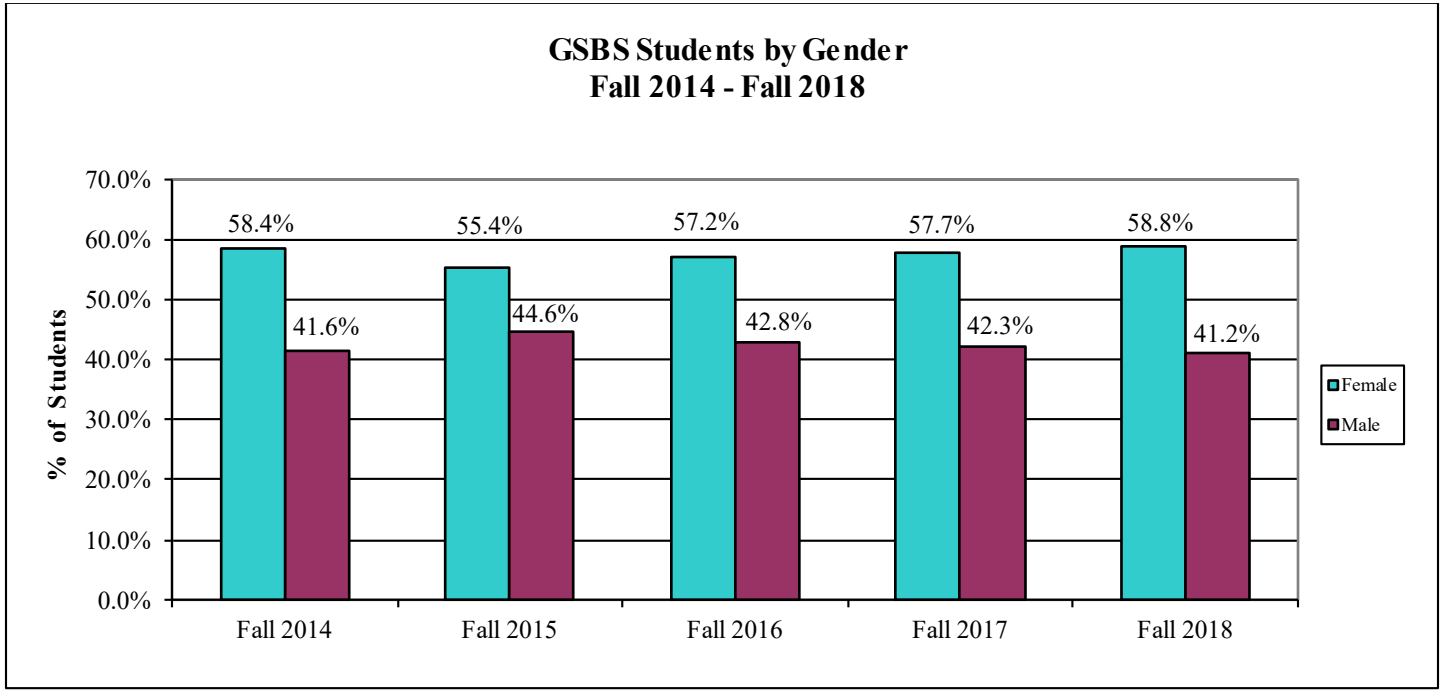
**Data excludes non-degree students. Source: Certified CBM001 & UT Graduate School of Biomedical Sciences.*



B.11 GSBS Students by Gender, Fall 2014 – Fall 2018*

GENDER	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
FEMALE	261	58.4%	231	55.4%	233	57.2%	237	57.7%	251	58.8%
MALE	186	41.6%	186	41.6%	174	42.8%	174	42.3%	176	41.2%
TOTAL	**447**	100.0%	**417**	100.0%	**407**	100.0%	**411**	100.0%	**427**	100.0%

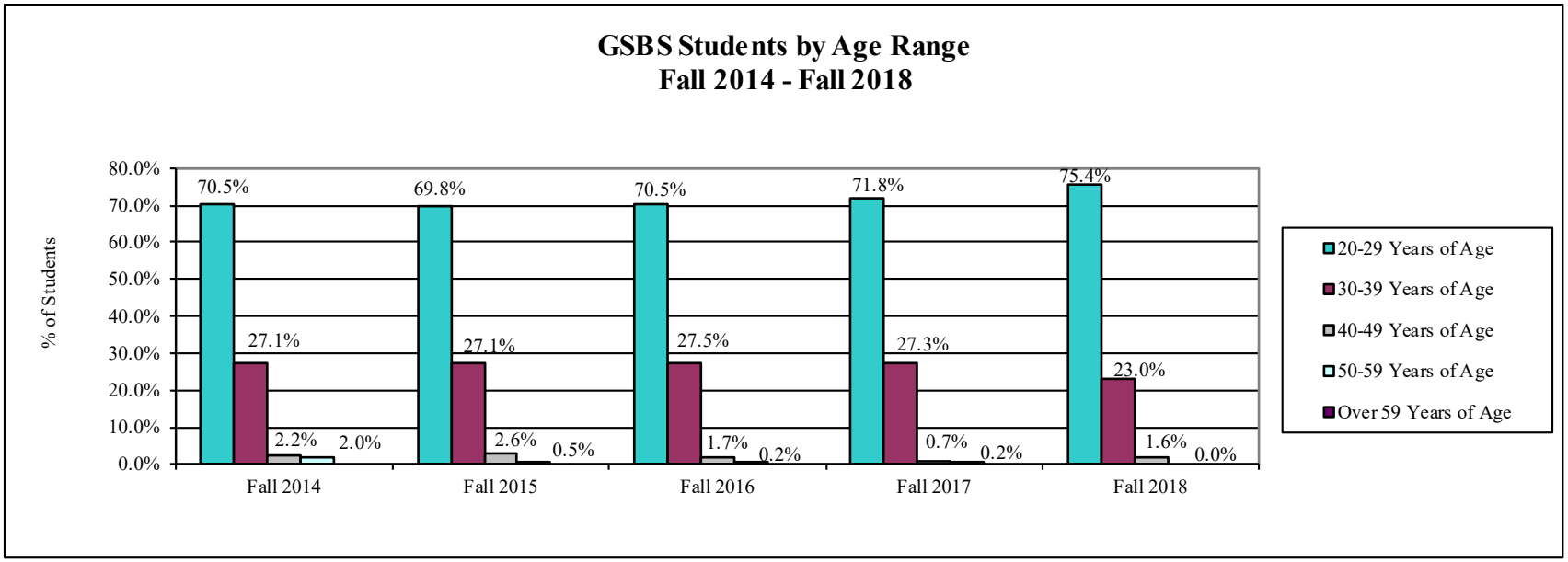
**Data excludes non-degree students. Source: UT Graduate School of Biomedical Sciences.*



B.12 GSBS Students by Age Range, Fall 2014 – Fall 2018*

AGE RANGE	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
20 TO 29 YEARS OF AGE	315	70.5%	291	69.8%	287	70.5%	295	71.8%	322	75.4%
30 TO 39 YEARS OF AGE	121	27.1%	113	27.1%	112	27.5%	112	27.3%	98	23.0%
40 TO 49 YEARS OF AGE	10	2.2%	11	2.6%	7	1.7%	3	0.7%	7	1.6%
50 TO 59 YEARS OF AGE	1	0.2%	2	0.5%	1	0.2%	1	0.2%	0	0.0%
OVER 59 YEARS OF AGE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL	**447**	100.0%	**417**	100.0%	**407**	100.0%	**411**	100.0%	**427**	100.0%

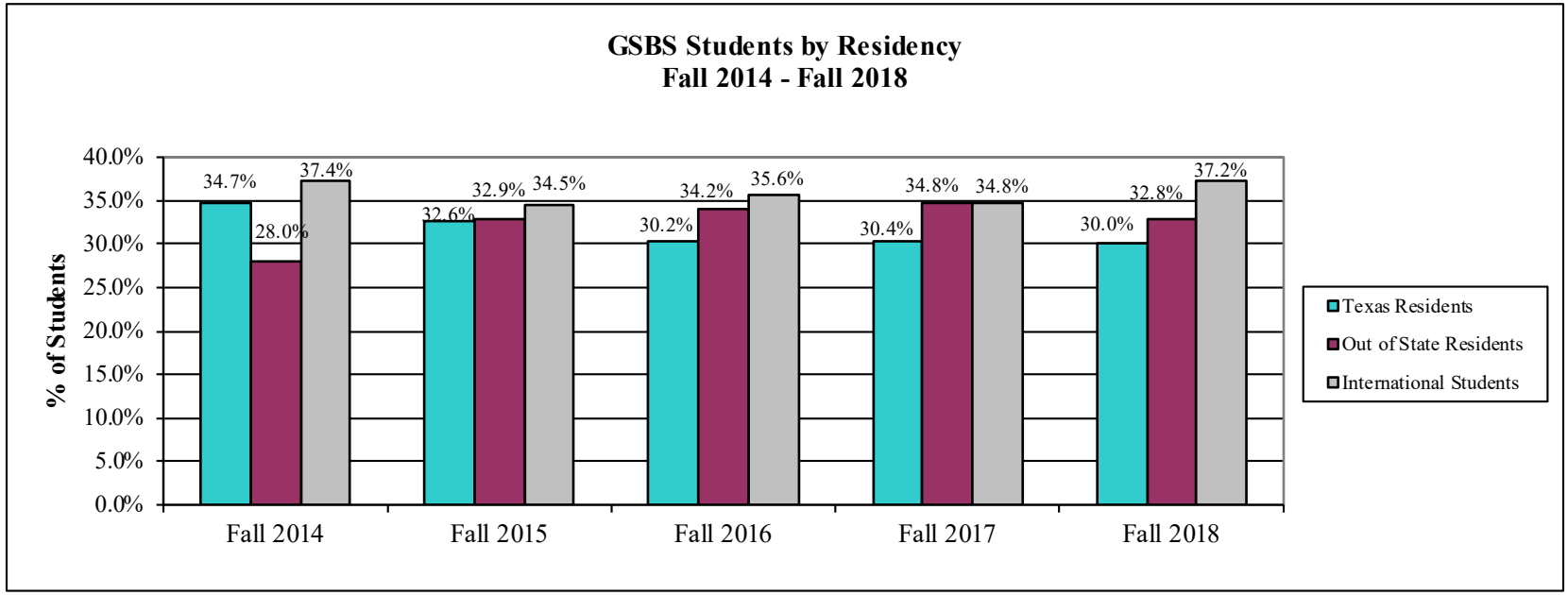
**Data excludes non-degree students. Source: Certified CBM001 & UT Graduate School of Biomedical Sciences.*



B.13 GSBS Students by Residency Type, Fall 2014 – Fall 2018*

RESIDENCE TYPE	Fall 2014 COUNT	% of Students	Fall 2015 COUNT	% of Students	Fall 2016 COUNT	% of Students	Fall 2017 COUNT	% of Students	Fall 2018 COUNT	% of Students
Texas Residents	155	34.7%	136	32.6%	123	30.2%	125	30.4%	128	30.0%
Out of State Students	125	28.0%	137	32.9%	139	34.2%	143	34.8%	140	32.8%
International Students	167	37.4%	144	34.5%	145	35.6%	143	34.8%	159	37.2%
Total	**447**	100.0%	**417**	100.0%	**407**	100.0%	**411**	100.0%	**427**	100.0%

**Data excludes non-degree students. Source: Certified CBM001 & UT Graduate School of Biomedical Sciences.*



C. Degrees

THE UNIVERSITY OF TEXAS
MD Anderson Cancer Center
Making Cancer History®

Exhibit C.1
Degrees Offered at The University of Texas MD Anderson Cancer Center

School/Program	Certificate	Bachelors	Master's	Doctoral
Graduate School of Biomedical Sciences				
M.S. in Biomedical Sciences			■	
Cancer Biology/Clinical Translational Oncology			■	
Genetic Counseling			■	
Medical Physics			■	
Therapeutics and Pharmacology			■	
Ph.D. in Biomedical Sciences				■
Biochemistry and Cell Biology				■
Biomedical Sciences				■
Cancer Biology				■
Genetics & Epigenetics				■
Genes and Development				■
Immunology				■
Medical Physics				■
Microbiology & Infectious Diseases				■
Neuroscience				■
Quantitative Sciences				■
Therapeutics & Pharmacology				■
School of Health Professions				
Clinical Laboratory Science		■		
Cytogenetic Technology		■		
Cytotechnology		■		
Diagnostic Genetics			■	
Diagnostic Imaging		■		
Diagnostic Medical Sonography		■		
Health Care Disparities, Diversity and Advocacy		■		
Histotechnology		■		
Medical Dosimetry		■		
Molecular Genetic Technology		■		
Radiation Therapy		■		
Radiologic Sciences			■	

The University of Texas MD Anderson Cancer Center Accreditation

The University of Texas MD Anderson Cancer Center is accredited to award baccalaureate degrees by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS), which is located at 1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone (404) 679-4501, http://www.sacs.org. Many of the academic degree programs offered at MD Anderson undergo accreditation by specialized accrediting bodies*. They are as follows:

School/Program	Degree	Accrediting Agency
School of Health Professions (SHP)		
Clinical Laboratory Sciences	B.S.	National Accrediting Agency for Clinical Laboratory Sciences
Cytogenetic Technology	B.S.	National Accrediting Agency for Clinical Laboratory Sciences
Cytotechnology	B.S.	Commission on Accreditation of Allied Health Education Programs
Diagnostic Imaging	B.S.	Joint Review Committee on Education in Radiologic Technology
Diagnostic Genetics	M.S	National Accrediting Agency for Clinical Laboratory Technology Sciences
Health Care Disparities, Diversity and Advocacy	B.S.	Southern Association of Colleges and Schools
Histotechnology	B.S.	National Accrediting Agency for Clinical Laboratory Sciences
Medical Dosimetry	B.S.	Joint Review Committee on Education in Radiologic Technology
Molecular Genetic	B.S.	National Accrediting Agency for Clinical Laboratory Technology Sciences
Radiation Therapy	B.S.	Joint Review Committee on Education in Radiologic Technology
Radiologic Sciences	M.S.	Joint Review Committee on Education in Radiologic Technology
Resident/Fellows Programs		Accreditation Council for Graduate Medical Education
Graduate School of Biomedical Sciences (GSBS)	M.S. with specialization in Genetic Counseling	American Board of Genetic Counseling
	M.S. with specialization in Medical Physics	Commission on Accreditation of Medical Physics Educational Programs
	Ph.D.	Southern Association of Colleges and Schools

**The University of Texas MD Anderson Cancer Center at Houston is also accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the Accreditation Council for Graduate Medical Education (ACGME).*

The University of Texas Health Science Center at Houston Accreditation

The University of Texas Health Science Center at Houston is accredited to award certificates, baccalaureate, master, doctoral, and professional degrees by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS), which is located at 1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone (404)-679-4501, http://www.sacs.org. The U.T. Graduate School of Biomedical Sciences master and doctoral degrees are jointly awarded through the accreditation of the UT Health Science Center-Houston and MD Anderson by SACS.

C.1 School of Health Professions Degrees by Level, Fall 2014 – Fall 2018

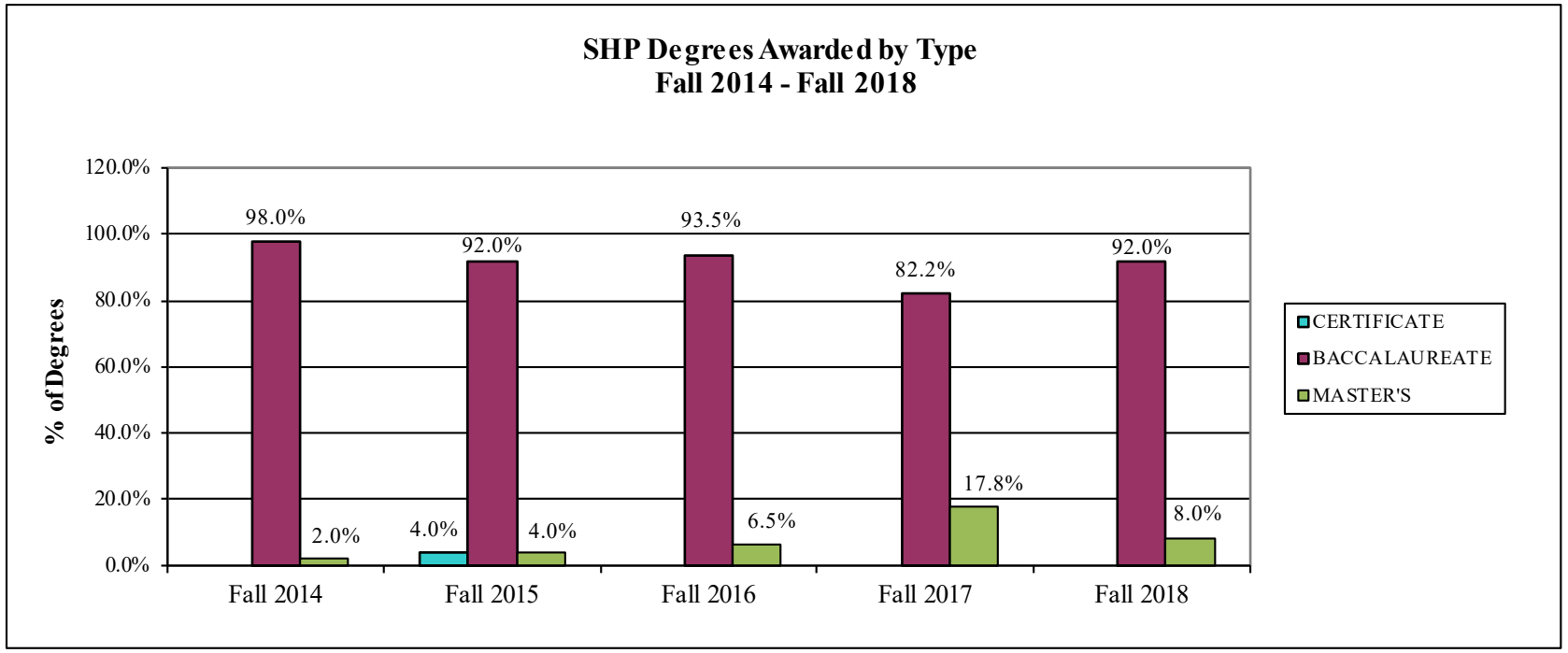
SHP PROGRAM	DEGREE CONFERRED	Fall 2014	Fall 2015	% Inc/Dec	Fall 2016	% Inc/Dec	Fall 2017	% Inc/Dec	Fall 2018	% Inc/Dec
CLINICAL LABORATORY SCIENCE	BACCALAUREATE	16	14	-12.5%	11	-21.4%	16	45.5%	11	-31.3%
CYTOGENETIC TECHNOLOGY	CERTIFICATE	0	0		0					
	BACCALAUREATE	15	18	20.0%	10	-44.4%	14	40.0%	21	50.0%
CYTOTECHNOLOGY	CERTIFICATE	0	0		0					100.0%
	BACCALAUREATE	1	7	600.0%	3	-57.1%	0	-100.0%	0	0.0%
DIAGNOSTIC IMAGING	CERTIFICATE	0	6	0.0%	0	0.0%	0	0.0%		100.0%
	BACCALAUREATE	28	29	3.6%	28	-3.4%	30	7.1%	40	33.3%
DIAGNOSTIC GENETICS	MASTER'S	3	6	100.0%	10	66.7%	10	0.0%	5	-50.0%
DIAGNOSTIC MEDICAL SONOGRAPHY	BACCALAUREATE	7	6	-14.3%	5	-16.7%	10	100.0%	12	20.0%
HISTOTECHNOLOGY	BACCALAUREATE	14	12	-14.3%	18	50.0%	15	-16.7%	16	6.7%
HEALTH DISPARITIES, DIVERSITY & ADVOCACY	BACCALAUREATE	NA	NA		NA		2		4	100.0%
MEDICAL DOSIMETRY	BACCALAUREATE	16	16	0.0%	19	18.8%	18	-5.3%	15	-16.7%
MOLECULAR GENETIC TECHNOLOGY	BACCALAUREATE	27	14	-48.1%	27	92.9%	18	-33.3%	21	16.7%
RADIATION THERAPY	BACCALAUREATE	20	21	5.0%	23	9.5%	16	-30.4%	20	25.0%
RADIOLOGICAL SCIENCES	MASTER'S	NA	NA		NA		20		9	-55.0%
TOTAL WITHIN YEAR		**147**	**149**	1.4%	**154**	3.4%	**169**	9.7%	**174**	3.0%

Source: SHP Dean's Report

C.2 SHP Degrees Awarded by Type, Fall 2014 – Fall 2018

DEGREE AWARDED	Fall 2014	Fall 2015	% Inc/Dec	Fall 2016	% Inc/Dec	Fall 2017	% Inc/Dec	Fall 2018	% Inc/Dec
CERTIFICATE	0	6		0		0	0.0%	0	0.0%
BACCALAUREATE	144	137	4.9%	144	5.1%	139	-3.5%	160	15.1.%
MASTER'S	3	6		10		30	200.0%	14	-53.3.0%
Total	**147**	**149**	-1.4%	**154**	3.4%	**169**	9.7%	**174**	3.0.%

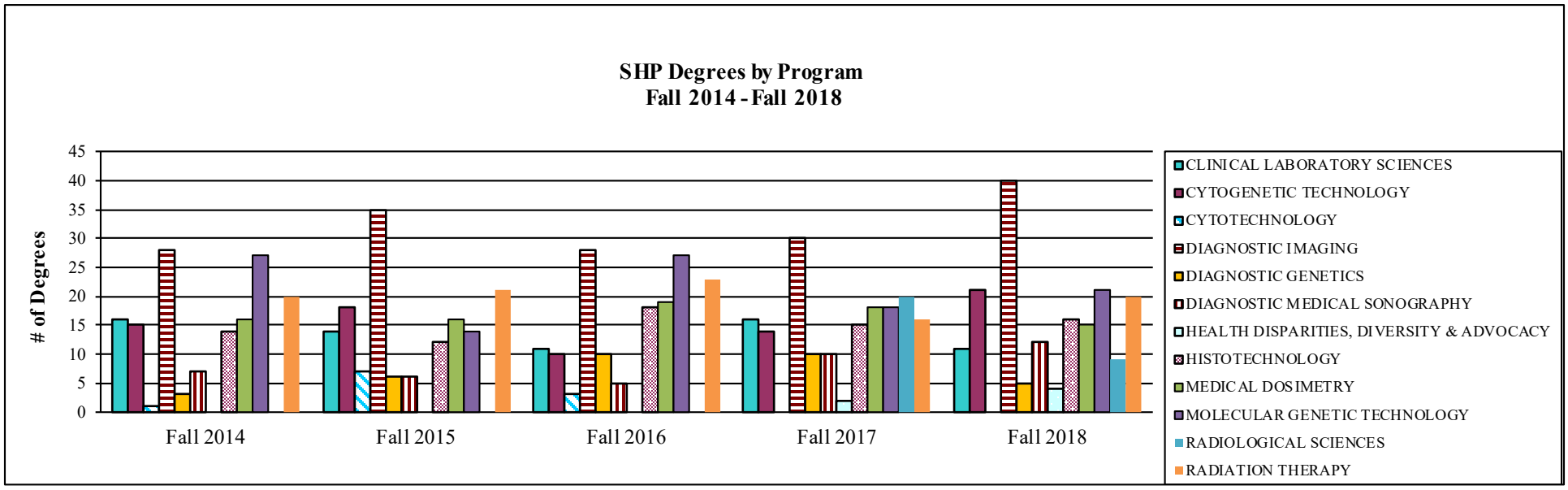
**Source: Certified CBM009*



C.3 SHP Degrees by Program, Fall 2014 - Fall 2018

PROGRAM	Fall 2014	Fall 2015	% Inc/Dec	Fall 2016	% Inc/Dec	Fall 2017	% Inc/Dec	Fall 2018	% Inc/Dec
CLINICAL LABORATORY SCIENCES	16	14	-12.5%	11	-21.4%	16	45.5%	11	-31.3%
CYTOGENETIC TECHNOLOGY	15	18	20.0%	10	-44.4%	14	40.0%	21	50.0%
CYTOTECHNOLOGY	1	7	600.0%	3	-57.1%	0	-100.%	0	0.0%
DIAGNOSTIC IMAGING	28	35	700.0%	28	-20.0%	30	7.1%	40	33.3%
DIAGNOSTIC GENETICS	3	6		10	66.7%	10	0.0%	5	-50.0%
DIAGNOSTIC MEDICAL SONOGRAPHY	7	6		5	-16.7%	10	100.0%	12	20.0%
HEALTH DISPARITIES, DIVERSITY & ADVOCACY						2		4	100.0%
HISTOTECHNOLOGY	14	12	-14.3%	18	50.0%	15	-16.7%	16	6.7%
MEDICAL DOSIMETRY	16	16	0.0%	19	18.8%	18	-5.3%	15	-16.7%
MOLECULAR GENETIC TECHNOLOGY	27	14	-48.1%	27	92.9%	18	-33.3%	21	16.7%
RADIATION THERAPY	20	21	5.0%	23	9.5%	16	-30.4%	20	25.0%
RADIOLOGICAL SCIENCES						20		9	-55.0%
OVERALL	**147**	**149**	1.4%	**154**	3.4%	**169**	9.7%	**174**	3.0.%

Source: SHP Dean's Report



C.4 SHP Degrees Awarded by Program and Average Age, Fall 2014 – Fall 2018

PROGRAM	DEGREE CONFERRED	Fall 2014		Fall 2015		Fall 2016		Fall 2017		Fall 2018	
		Avg. Age	COUNT	Avg. Age	COUNT	Avg. Age	COUNT	Avg. Age	COUNT	Avg. Age	COUNT
CLINICAL LABORATORY SCIENCE	CERTIFICATE	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	BACCALAUREATE	30.0	16	27.0	14	29.0	11	27.0	16	27.0	11
CYTOGENETIC TECHNOLOGY	CERTIFICATE	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	BACCALAUREATE	26.0	15	27.7	18	26.0	10	27.0	14	28.0	21
CYTOTECHNOLOGY	CERTIFICATE	0.0	0	0.0	0						
	BACCALAUREATE	20.0	1	29.0	7	26.0	3	0.0	0	0.0	0
DIAGNOSTIC IMAGING	BACCALAUREATE	32.0	28	29.5	36	30.0	28	30.0	30	30.0	40
DIAGNOSTIC GENETICS	MASTER'S	29.0	3	26.8	6	30.0	10	28.0	10	25.0	5
DIAGNOSTIC MEDICAL SONOGRAPHY	BACCALAUREATE	29.0	7	27.0	6	29.0	5	24.0	10	27.0	12
HEALTH DISPARITIES, DIVERSITY & ADVOCACY	BACCALAUREATE	NA	NA	NA	NA	NA	NA	47.0	2	44.0	4
HISTOTECHNOLOGY	CERTIFICATE	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	BACCALAUREATE	31.0	14	29.0	12	26.0	18	27.0	15	26.0	16
MEDICAL DOSIMETRY	BACCALAUREATE	29.0	16	28.0	16	28.0	19	28.0	18	29.0	15
MOLECULAR GENETIC TECHNOLOGY	BACCALAUREATE	28.0	27	30.8	14	27.0	27	27.0	18	27.0	21
RADIATION THERAPY	CERTIFICATE	0.0	0	0.0	0	0.0	0				
	BACCALAUREATE	29.0	20	27.7	21	28.0	23	31.0	16	26.0	20
RADIOLOGICAL SCIENCES	MASTER'S	NA	NA	NA	NA	NA	NA	37.0	20	36.0	9
TOTAL WITHIN YEAR		**28.3**	**147**	**28.3**	**149**	**27.9**	**154**	**30.3**	**169**	**29.5**	**174**

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Ethnicity, and Gender, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
CLINICAL	WHITE NON-HISPANIC	FEMALE	2	12.5%	3	21.4%	2	18.2%	2	12.5%	2	18.2%
LABORATORY SCIENCE		MALE	2	12.5%	2	14.3%	0	0.0%	1	6.3%	0	0.0%
BACCALAUREATE	BLACK NON-HISPANIC	FEMALE	2	12.5%	1	7.1%	1	9.1%	0	0.0%	0	0.0%
		MALE	1	6.3%	0	0.0%	1	9.1%	0	0.0%	1	9.1%
	HISPANIC	FEMALE	3	18.8%	1	7.1%	3	27.3%	4	25.0%	2	18.2%
		MALE	1	6.3%	1	7.1%	1	9.1%	0	0.0%	1	9.1%
	ASIAN OR PACIFIC ISLANDER	FEMALE	2	12.5%	4	28.6%	2	18.2%	8	50.0%	2	18.2%
		MALE	0	0.0%	0	0.0%	1	9.1%	0	0.0%	0	0.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	0	0.0%	0	0.0%	1	6.3%	2	18.2%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	MULTI-RACIAL	FEMALE	0	0.0%	2	14.3%	0	0.0%	0	0.0%	1	9.1%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	1	6.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	2	12.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL BACCALAUREATE DEGREES			**16**	100.0%	**14**	100.0%	**11**	100.0%	**16**	100.0%	**11**	100.0%

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Ethnicity, and Gender, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
CYTOGENETIC	WHITE NON-HISPANIC	FEMALE	2	13.3%	3	16.7%	2	20.0%	2	14.3%	3	14.3%
TECHNOLOGY		MALE	0	0.0%	2	11.1%	0	0.0%	1	7.1%	1	4.8%
BACCALAUREATE	BLACK NON-HISPANIC	FEMALE	0	0.0%	2	11.1%	0	0.0%	0	0.0%	3	14.3%
		MALE	0	0.0%	0	0.0%	1	10.0%	0	0.0%	0	0.0%
	HISPANIC	FEMALE	1	6.7%	3	16.7%	0	0.0%	3	21.4%	5	23.8%
		MALE	3	20.0%	1	5.6%	0	0.0%	3	21.4%	3	14.3%
	ASIAN OR PACIFIC ISLANDER	FEMALE	3	20.0%	3	16.7%	4	40.0%	3	21.4%	4	19.0%
		MALE	2	13.3%	1	5.6%	1	10.0%	1	7.1%	0	0.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	3	16.7%	0	0.0%	0	0.0%	1	4.8%
		MALE	0	0.0%	0	0.0%	0	0.0%	1	7.1%	0	0.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	0	0.0%	1	4.8%
		MALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	1	6.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	3	20.0%	0	0.0%	2	20.0%	0	0.0%	0	0.0%
TOTAL BACCALAUREATE DEGREES			**15**	**100.0%**	**18**	**100.0%**	**10**	**100.0%**	**14**	**100.0%**	**21**	**100.0%**

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Ethnicity, and Gender, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
CYTOTECHNOLOGY	WHITE NON-HISPANIC	FEMALE	1	100.0%	1	14.3%	0	0.0%	0	0.0%	0	0.0%
BACCALAUREATE		MALE	0	0.0%	0	0.0%	2	66.7%	0	0.0%	0	0.0%
	BLACK NON-HISPANIC	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	HISPANIC	FEMALE	0	0.0%	1	14.3%	1	33.3%	0	0.0%	0	0.0%
		MALE	0	0.0%	1	14.3%	0	0.0%	0	0.0%	0	0.0%
	ASIAN OR PACIFIC ISLANDER	FEMALE	0	0.0%	4	57.1%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL BACCALAUREATE DEGREES			**1**	**100.0%**	**7**	**100.0%**	**3**	**100.0%**	**0**	**0.0%**	**0**	**0.0%**

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Ethnicity, and Gender, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
DIAGNOSTIC	WHITE NON-HISPANIC	FEMALE	0		0	0.0%	0	0	0	0	0	0
IMAGING		MALE	0		1	16.7%	0	0	0	0	0	0
CERTIFICATE	BLACK NON-HISPANIC	FEMALE	0		1	16.7%	0	0	0	0	0	0
		MALE	0		1	16.7%	0	0	0	0	0	0
	HISPANIC	FEMALE	0		2	33.3%	0	0	0	0	0	0
		MALE	0		0	0.0%	0	0	0	0	0	0
	ASIAN OR PACIFIC ISLANDER	FEMALE	0		1	16.7%	0	0	0	0	0	0
		MALE	0		0	0.0%	0	0	0	0	0	0
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0		0	0.0%	0	0	0	0	0	0
		MALE	0		0	0.0%	0	0	0	0	0	0
	INTERNATIONAL	FEMALE	0		0	0.0%	0	0	0	0	0	0
		MALE	0		0	0.0%	0	0	0	0	0	0
	MULTI-RACIAL	FEMALE			0	0.0%	0	0	0	0	0	0
		MALE			0	0.0%	0	0	0	0	0	0
	UNKNOWN OR NOT REPORTED	FEMALE	0		0	0.0%	0	0	0	0	0	0
		MALE	0		0	0.0%	0	0	0	0	0	0
SUBTOTAL, CERTIFICATE			0			6	100.0%		0	0	0	0
BACCALAUREATE	WHITE NON-HISPANIC	FEMALE	5	17.9%	6	20.7%	7	25.0%	3	10.0%	8	20.0%
		MALE	3	10.7%	2	6.9%	2	7.1%	4	13.3%	3	7.5%
	BLACK NON-HISPANIC	FEMALE	5	17.9%	2	6.9%	2	7.1%	2	6.7%	0	0.0%
		MALE	0	0.0%	2	6.9%	1	3.6%	2	6.7%	2	5.0%
	HISPANIC	FEMALE	4	14.3%	5	17.2%	6	21.4%	9	30.0%	10	25.0%
		MALE	1	3.6%	5	17.2%	3	10.7%	1	3.3%	7	17.5%
	ASIAN OR PACIFIC ISLANDER	FEMALE	3	10.7%	2	6.9%	2	7.1%	4	13.3%	4	10.0%
		MALE	3	10.7%	3	10.3%	1	3.6%	3	10.0%	3	7.5%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	1	3.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	0	0.0%	3	10.7%	1	3.3%	2	5.0%
		MALE	0	0.0%	1	3.4%	0	0.0%	0	0.0%	1	2.5%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE			1	3.4%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	3	10.7%	0	0.0%	0	0.0%	1	3.3%	0	0.0%
		MALE	0	0.0%	0	0.0%	1	3.6%	0	0.0%	0	0.0%
SUBTOTAL BACCALAUREATE DEGREES			28	100.0%	29	100.0%	28	100.0%	30	100.0%	*40*	100.0%
TOTAL, CERTIFICATE & BACCALAUREATE DEGREES			**28**		**35**		**28**		**30**		**40**	

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Ethnicity, and Gender, Fall 2014 – Fall 2018*

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
DIAGNOSTIC	WHITE NON-HISPANIC	FEMALE	0	0.0%	2	33.3%	0	0.0%	3	30.0%	2	40.0%
GENETICS		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MASTER'S*	BLACK NON-HISPANIC	FEMALE	1	33.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	HISPANIC	FEMALE	0	0.0%	0	0.0%	0	0.0%	2	20.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	2	20.0%	0	0.0%	0	0.0%
	ASIAN OR PACIFIC ISLANDER	FEMALE	0	0.0%	0	0.0%	1	10.0%	0	0.0%	1	2.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	2.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	4	40.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	3	50.0%	3	30.0%	3	30.0%	1	20.0%
		MALE	0	0.0%	1	16.7%	0	0.0%	2	20.0%	0	0.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	2	66.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL, BACCALAUREATE DEGREE:			**3**	100.0%	**6**	100.0%	**10**	100.0%	**10**	100.0%	**5**	100.0%

**Diagnostic Genetics program began conferring master's degrees in 2014*
Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Ethnicity, and Gender, Fall 2014 – Fall 2018*

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
DIAGNOSTIC	WHITE NON-HISPANIC	FEMALE	2	28.6%	0	0.0%	4	80.0%	2	20.0%	3	25.0%
MEDICAL SONOGRAPHY		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
BACCALAUREATE*	BLACK NON-HISPANIC	FEMALE	1	14.3%	0	0.0%	0	0.0%	0	0.0%	1	8.3%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	HISPANIC	FEMALE	1	14.3%	3	50.0%	1	20.0%	3	30.0%	5	41.7%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	ASIAN OR PACIFIC ISLANDER	FEMALE	2	28.6%	1	16.7%	0	0.0%	2	20.0%	2	16.7%
		MALE	0	0.0%	1	16.7%	0	0.0%	0	0.0%	0	0.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	1	16.7%	0	0.0%	1	10.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	0	0.0%	1	8.3%
		MALE			0	0.0%	0	0.0%	1	10.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	1	14.3%	0	0.0%	0	0.0%	1	10.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL, BACCALAUREATE DEGREE:			**7**		**6**	100.0%	**5**	100.0%	**10**	100.0%	**12**	100.0%

**Diagnostic Medical Sonography program began conferring baccalaureate degrees in 2014*
Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Gender, and Ethnicity, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
HEALTH DISPARITIES,	WHITE NON-HISPANIC	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
DIVERSITY & ADVOCACY		MALE	NA		NA		NA		0	0.0%	0	0.0%
BACCALAUREATE	BLACK NON-HISPANIC	FEMALE	NA		NA		NA		2	100.0%	2	50.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	HISPANIC	FEMALE	NA		NA		NA		0	0.0%	1	25.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	ASIAN OR PACIFIC ISLANDER	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	MULTI-RACIAL	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	1	25.0%
	UNKNOWN OR NOT REPORTED	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
TOTAL BACCALAUREATE DEGREES									**2**	100.0%	**4**	100.0%

Health Disparities, Diversity and Advocacy program began conferring baccalaureate degrees in 2017
Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Gender, and Ethnicity, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
HISTOTECHNOLOGY	WHITE NON-HISPANIC	FEMALE	2	14.3%	1	8.3%	4	22.2%	5	33.3%	3	18.8%
BACCALAUREATE		MALE	1	7.1%	1	8.3%	0	0.0%	0	0.0%	0	0.0%
	BLACK NON-HISPANIC	FEMALE	3	21.4%	0	0.0%	3	16.7%	0	0.0%	0	0.0%
		MALE	1	7.1%	0	0.0%	0	0.0%	1	6.7%	0	0.0%
	HISPANIC	FEMALE	0	0.0%	2	16.7%	4	22.2%	6	40.0%	3	18.8%
		MALE	1	7.1%	1	8.3%	1	5.6%	0	0.0%	4	25.0%
	ASIAN OR PACIFIC ISLANDER	FEMALE	3	21.4%	4	33.3%	4	22.2%	0	0.0%	3	18.8%
		MALE	1	7.1%	3	25.0%	1	5.6%	0	0.0%	1	6.3%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	0	0.0%	0	0.0%	1	6.7%	1	6.3%
		MALE	0	0.0%	0	0.0%	0	0.0%	1	6.7%	0	0.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	1	6.7%	0	0.0%
		MALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	2	14.3%	0	0.0%	1	5.6%	0	0.0%	1	6.3%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL BACCALAUREATE DEGREES			**14**	100.0%	**12**	100.0%	**18**	100.0%	**15**	100.0%	**16**	100.0%

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Gender, and Ethnicity, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
MEDICAL DOSIMETRY	WHITE NON-HISPANIC	FEMALE	3	18.8%	3	18.8%	1	5.3%	2	11.1%	1	6.7%
BACCALAUREATE		MALE	4	25.0%	1	6.3%	2	10.5%	2	11.1%	2	13.3%
	BLACK NON-HISPANIC	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	6.7%
		MALE	0	0.0%	0	0.0%	1	5.3%	1	5.6%	0	0.0%
	HISPANIC	FEMALE	0	0.0%	5	31.3%	3	15.8%	3	16.7%	2	13.3%
		MALE	1	6.3%	0	0.0%	3	15.8%	3	16.7%	1	6.7%
	ASIAN OR PACIFIC ISLANDER	FEMALE	4	25.0%	4	25.0%	4	21.1%	4	22.2%	3	20.0%
		MALE	3	18.8%	1	6.3%	1	5.3%	2	11.1%	5	33.3%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE			1	6.3%	2	10.5%	0	0.0%	0	0.0%
	MULTI-RACIAL	FEMALE	0	0.0%	1	6.3%	1	5.3%	1	5.6%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	1	6.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	1	5.3%	0	0.0%	0	0.0%
TOTAL, CERTIFICATE & BACCALAUREATE DEGREES			**16**	100.0%	**16**	100.0%	**19**	100.0%	**18**	100.0%	**15**	100.0%

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Gender, and Ethnicity, Fall 2014– Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
MOLECULAR GENETIC	WHITE NON-HISPANIC	FEMALE	10	37.0%	5	35.7%	6	22.2%	4	22.2%	7	33.3%
TECHNOLOGY		MALE	4	14.8%	1	7.1%	4	14.8%	1	5.6%	2	9.5%
BACCALAUREATE	BLACK NON-HISPANIC	FEMALE	0	0.0%	0	0.0%	1	3.7%	1	5.6%	0	0.0%
		MALE	0	0.0%	0	0.0%	2	7.4%	0	0.0%	0	0.0%
	HISPANIC	FEMALE	3	11.1%	1	7.1%	5	18.5%	3	16.7%	2	9.5%
		MALE	1	3.7%	3	21.4%	1	3.7%	1	5.6%	2	9.5%
	ASIAN OR PACIFIC ISLANDER	FEMALE	1	3.7%	1	7.1%	4	14.8%	4	22.2%	2	9.5%
		MALE	2	7.4%	1	7.1%	3	11.1%	1	5.6%	3	14.3%
	AMERICAN INDIAN/ALASKAN	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	NATIVE	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	1	7.1%	0	0.0%	2	11.1%	1	4.8%
		MALE	0	0.0%	1	7.1%	0	0.0%	0	0.0%	1	4.8%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	1	5.6%	0	0.0%
		MALE			0	0.0%	1	3.7%	0	0.0%	1	4.8%
	UNKNOWN OR NOT REPORTED	FEMALE	5	18.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	1	3.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL, BACCALAUREATE DEGREE:			**27**	100.0%	**14**	100.0%	**27**	100.0%	**18**	100.0%	**21**	100.0%

Source: CBM009 per UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Gender, and Ethnicity, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
RADIATION THERAPY	WHITE NON-HISPANIC	FEMALE	7	35.0%	6	28.6%	3	13.0%	2	12.5%	2	10.0%
BACCALAUREATE		MALE	3	15.0%	0	0.0%	4	17.4%	0	0.0%	2	10.0%
	BLACK NON-HISPANIC	FEMALE	0	0.0%	1	4.8%	5	21.7%	0	0.0%	2	10.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	4	25.0%	0	0.0%
	HISPANIC	FEMALE	6	30.0%	7	33.3%	2	8.7%	2	12.5%	3	15.0%
		MALE	2	10.0%	2	9.5%	0	0.0%	0	0.0%	1	5.0%
	ASIAN OR PACIFIC ISLANDER	FEMALE	1	5.0%	2	9.5%	4	17.4%	0	0.0%	2	10.0%
		MALE	0	0.0%	2	9.5%	4	17.4%	5	31.3%	5	25.0%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	1	6.3%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	10.0%
		MALE	0	0.0%	1	4.8%	0	0.0%	0	0.0%	1	5.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	1	6.3%	0	0.0%
		MALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	0	0.0%	0	0.0%	0	0.0%	1	6.3%	0	0.0%
		MALE	1	5.0%	0	0.0%	1	4.3%	0	0.0%	0	0.0%
TOTAL, CERTIFICATE AND BACCALAUREATE DEGREES:			**20**	100.0%	**21**	100.0%	**23**	100.0%	**16**	100.0%	**20**	100.0%

Source: UT Houston Health Science Center Registrar's Office

C.5 SHP Degrees by Program, Gender, and Ethnicity, Fall 2014 – Fall 2018

PROGRAM/DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
RADIOLOGICAL SCIENCES	WHITE NON-HISPANIC	FEMALE	NA		NA		NA		4	20.0%	3	33.3%
*MASTER'S**		MALE	NA		NA		NA		4	20.0%	1	11.1%
	BLACK NON-HISPANIC	FEMALE	NA		NA		NA		2	10.0%	0	0.0%
		MALE	NA		NA		NA		4	20.0%	1	11.1%
	HISPANIC	FEMALE	NA		NA		NA		2	10.0%	0	0.0%
		MALE	NA		NA		NA		1	5.0%	2	22.2%
	ASIAN OR PACIFIC ISLANDER	FEMALE	NA		NA		NA		1	5.0%	1	11.1%
		MALE	NA		NA		NA		1	5.0%	1	11.1%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	MULTI-RACIAL	FEMALE	NA		NA		NA		1	5.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	NA		NA		NA		0	0.0%	0	0.0%
		MALE	NA		NA		NA		0	0.0%	0	0.0%
TOTAL BACCALAUREATE DEGREES									**20**	100.0%	**9**	100.0%

**Radiological Sciences program began conferring master's degrees in 2017*

Source: UT Houston Health Science Center Registrar's Office

C.6 SHP Total Degrees by Level, Ethnicity, and Gender, Fall 2014 – Fall 2018

DEGREE	ETHNICITY	GENDER	Fall 2014	% of Students	Fall 2015	% of Students	Fall 2016	% of Students	Fall 2017	% of Students	Fall 2018	% of Students
CERTIFICATE	WHITE NON-HISPANIC	FEMALE	0		0	0.0%	0		0		0	
		MALE	0		1	16.7%	0		0		0	
	BLACK NON-HISPANIC	FEMALE	0		1	16.7%	0		0		0	
		MALE	0		1	16.7%	0		0		0	
	HISPANIC	FEMALE	0		2	33.3%	0		0		0	
		MALE	0		0	0.0%	0		0		0	
	ASIAN OR PACIFIC ISLANDER	FEMALE	0		1	16.7%	0		0		0	
		MALE	0		0	0.0%	0		0		0	
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0		0	0.0%	0		0		0	
		MALE	0		0	0.0%	0		0		0	
	INTERNATIONAL	FEMALE	0		0	0.0%	0		0		0	
		MALE	0		0	0.0%	0		0		0	
	MULTI-RACIAL	FEMALE			0	0.0%	0		0		0	
		MALE			0	0.0%	0		0		0	
	UNKNOWN OR NOT REPORTED	FEMALE	0		0	0.0%	0		0		0	
		MALE	0		0	0.0%	0		0		0	
SUBTOTAL, CERTIFICATE			0		6	4.0%	0		0		0	
BACCALAUREATE	WHITE NON-HISPANIC	FEMALE	34	23.6%	28	18.8%	29	18.8%	22	13.0%	29	17.2%
		MALE	17	11.8%	9	6.0%	14	9.1%	9	5.3%	10	5.9%
	BLACK NON-HISPANIC	FEMALE	11	7.6%	6	4.0%	12	7.8%	5	3.0%	9	5.3%
		MALE	2	1.4%	2	1.3%	6	3.9%	8	4.7%	3	1.8%
	HISPANIC	FEMALE	18	12.5%	28	18.8%	25	16.2%	33	19.5%	33	19.5%
		MALE	10	6.9%	14	9.4%	9	5.8%	8	4.7%	19	11.2%
	ASIAN OR PACIFIC ISLANDER	FEMALE	19	13.2%	25	16.8%	24	15.6%	30	17.8%	22	13.0%
		MALE	11	7.6%	12	8.1%	12	7.8%	8	4.7%	17	10.1%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	1	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	6	4.0%	4	2.6%	7	4.1%	9	5.3%
		MALE	0	0.0%	3	2.0%	0	0.0%	2	1.2%	3	1.8%
	MULTI-RACIAL	FEMALE			2	1.3%	0	0.0%	3	1.8%	3	1.8%
		MALE			2	1.3%	3	1.9%	1	0.6%	2	1.2%
	UNKNOWN OR NOT REPORTED	FEMALE	14	9.7%	0	0.0%	1	0.6%	3	1.8%	1	0.6%
		MALE	7	4.9%	0	0.0%	5	3.2%	0	0.0%	0	0.0%
SUBTOTAL BACCALAUREATE DEGREES			**144**	100.0%	**137**	92.0%	**144**	93.5%	**139**	82.2%	**160**	92.0%

Source: UT Houston Health Science Center Registrar's Office

C.6 SHP Total Degrees by Level, Ethnicity, and Gender, Fall 2014 – Fall 2018

DEGREE	ETHNICITY	GENDER	Fall 2014	% of All	Fall 2015	% of All	Fall 2016	% of All	Fall 2017	% of All	Fall 2018	% of All
MASTER'S	WHITE NON-HISPANIC	FEMALE	0	0.0%	2	33.3%	0	0.0%	7	4.1%	5	3.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	4	2.4%	1	0.6%
	BLACK NON-HISPANIC	FEMALE	1	0.6%	0	0.0%	0	0.0%	2	1.2%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	4	2.4%	1	0.6%
	HISPANIC	FEMALE	0	0.0%	0	0.0%	0	0.0%	4	2.4%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	1	0.6%	2	1.2%
	ASIAN OR PACIFIC ISLANDER	FEMALE	0	0.0%	0	0.0%	2	20.0%	1	0.6%	2	1.2%
		MALE	0	0.0%	0	0.0%	1	10.0%	1	0.6%	2	1.2%
	AMERICAN INDIAN/ALASKAN NATIVE	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	INTERNATIONAL	FEMALE	0	0.0%	3	50.0%	4	40.0%	3	1.8%	1	0.6%
		MALE	0	0.0%	1	16.7%	3	30.0%	2	1.2%	0	0.0%
	MULTI-RACIAL	FEMALE			0	0.0%	0	0.0%	1	0.6%	0	0.0%
		MALE			0	0.0%	0	0.0%	0	0.0%	0	0.0%
	UNKNOWN OR NOT REPORTED	FEMALE	2	1.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
		MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL MASTER'S DEGREE:			3	2.0%	6	4.0%	10	6.5%	30	17.8%	14	8.0%
TOTAL, DEGREES BY YEAR			**147**	100.0%	**149**	100.0%	**154**	100.0%	**169**	100.0%	**174**	100.0%

Source: UT Houston Health Science Center Registrar's Office

C.7 SHP Graduates by Gender and Ethnicity, Fall 2014 – Fall 2018

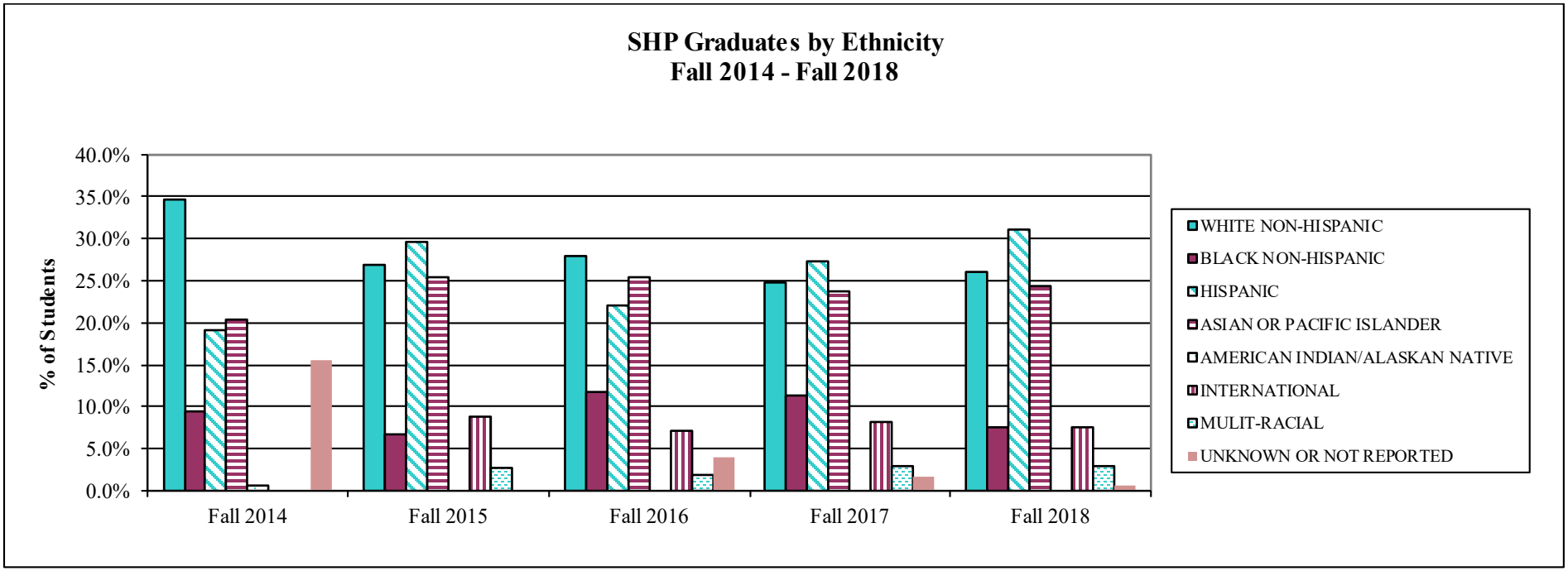
ETHNICITY	GENDER	Fall 2014	% of Students	Fall 2015	% of Students	Fall 2016	% of Students	Fall 2017	% of Students	Fall 2018	% of Students
WHITE NON-HISPANIC	FEMALE	34	23.1%	30	20.1%	14	9.1%	29	17.2%	34	19.5%
	MALE	17	11.6%	10	6.7%	29	18.8%	13	7.7%	11	6.3%
BLACK NON-HISPANIC	FEMALE	12	8.2%	7	4.7%	12	7.8%	7	4.1%	9	5.2%
	MALE	2	1.4%	3	2.0%	6	3.9%	12	7.1%	4	2.3%
HISPANIC	FEMALE	18	12.2%	30	20.1%	25	16.2%	37	21.9%	33	19.0%
	MALE	10	6.8%	14	9.4%	9	5.8%	9	5.3%	21	12.1%
ASIAN OR PACIFIC ISLANDER	FEMALE	19	12.9%	26	17.4%	26	16.9%	31	18.3%	24	13.8%
	MALE	11	7.5%	12	8.1%	13	8.4%	9	5.3%	19	10.9%
AMERICAN INDIAN/ALASKAN	FEMALE	1	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NATIVE	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
INTERNATIONAL	FEMALE	0	0.0%	9	6.0%	8	5.2%	10	5.9%	10	5.7%
	MALE	0	0.0%	4	2.7%	3	1.9%	4	2.4%	3	1.7%
MULTI-RACIAL	FEMALE			2	1.3%	0	0.0%	4	2.4%	3	1.7%
	MALE			2	1.3%	3	1.9%	1	0.6%	2	1.1%
UNKNOWN OR NOT REPORTED	FEMALE	16	10.9%	0	0.0%	1	0.6%	3	1.8%	1	0.6%
	MALE	7	4.8%	0	0.0%	5	3.2%	0	0.0%	0	0.0%
TOTAL		**147**	100.0%	**149**	100.0%	**154**	100.0%	**169**	100.0%	**174**	100.0%

Source: UT Houston Health Science Center Registrar's Office

C.8 SHP Graduates by Ethnicity, Fall 2014 – Fall 2018

ETHNICITY	Fall 2014	% of Students	Fall 2015	% of Students	Fall 2016	% of Students	Fall 2017	% of Students	Fall 2018	% of Students
WHITE NON-HISPANIC	51	34.7%	40	26.8%	43	27.9%	42	24.9%	45	25.9%
BLACK NON-HISPANIC	14	9.5%	10	6.7%	18	11.7%	19	11.2%	13	7.5%
HISPANIC	28	19.0%	44	29.5%	34	22.1%	46	27.2%	54	31.0%
ASIAN OR PACIFIC ISLANDER	30	20.4%	38	25.5%	39	25.3%	40	23.7%	43	24.7%
AMERICAN INDIAN/ALASKAN NATIVE	1	0.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
INTERNATIONAL	0	0.0%	13	8.7%	11	7.1%	14	8.3%	13	7.5%
MULTI-RACIAL			0	0.0%	3	1.9%	5	3.0%	5	2.9%
UNKNOWN OR NOT REPORTED	23	15.6%	4	2.7%	6	3.9%	3	1.8%	1	0.6%
Total	**147**	100.0%	**149**	100.0%	**154**	100.0%	**169**	100.0%	**174**	100.0%

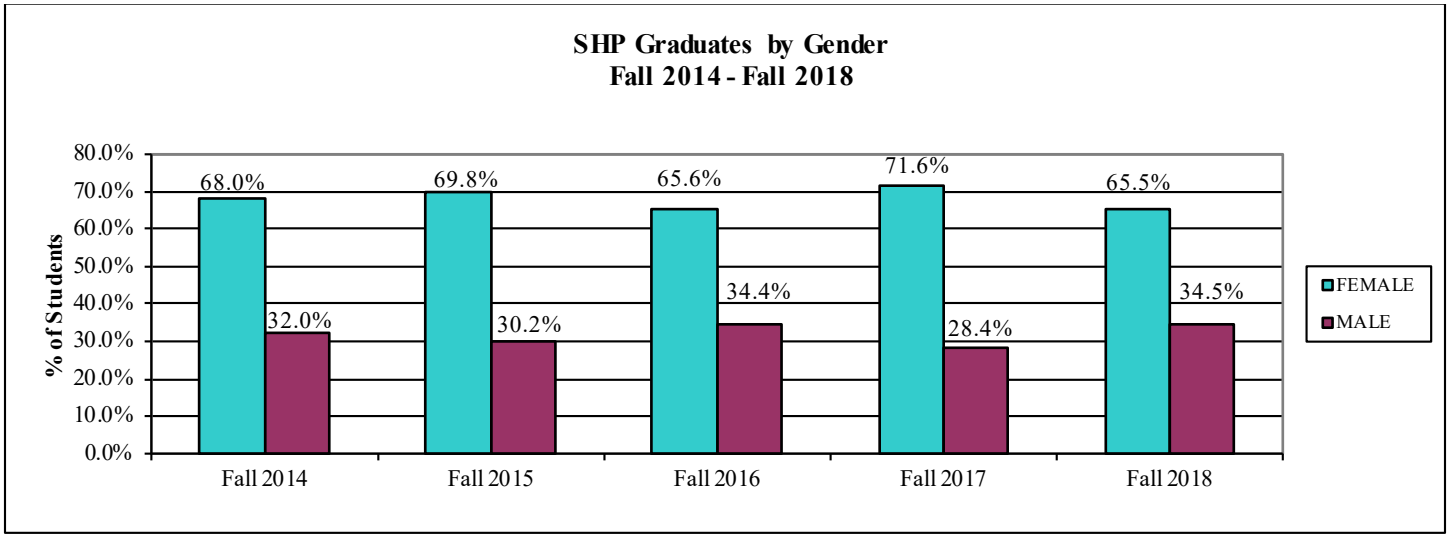
Source: UT Houston Health Science Center Registrar's Office



C.9 SHP Graduates by Gender, Fall 2014 – Fall 2018

GENDER	Fall 2014	% of Students	Fall 2015	% of Students	Fall 2016	% of Students	Fall 2017	% of Students	Fall 2018	% of Students
FEMALE	100	68.0%	104	69.8%	101	65.6%	121	71.6%	114	65.5%
MALE	47	32.0%	45	30.2%	53	34.4%	48	28.4%	60	34.5%
Total	**147**	100.0%	**149**	100.0%	**154**	100.0%	**169**	100.0%	**174**	100.0%

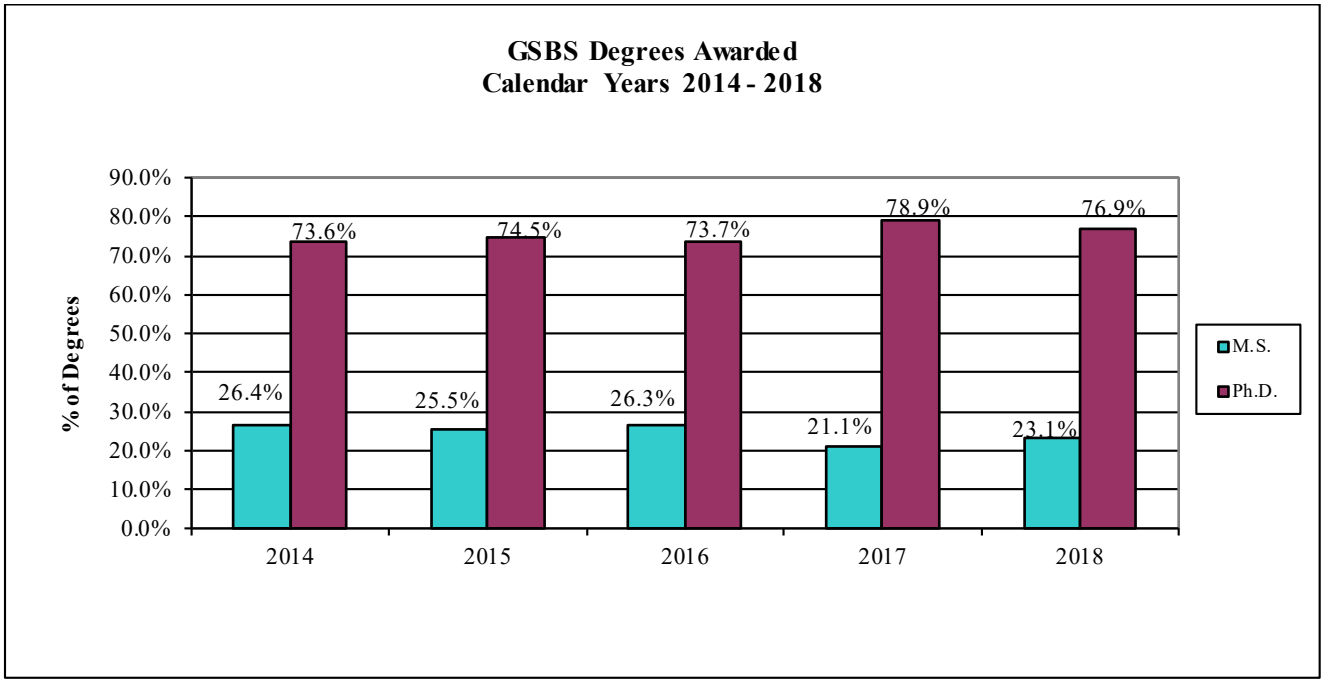
Source: UT Houston Health Science Center Registrar's Office



C.10 GSBS Degrees Awarded, Calendar Years 2014 – 2018*

DEGREE AWARDED	2014	2015	% Inc/Dec	2016	% Inc/Dec	2017	% Inc/Dec	2018	% Inc/Dec
M.S.	32	25	-28.0%	20	-25.0%	20	0.0%	21	4.8%
Ph.D.	89	73	-21.9%	56	-30.4%	75	25.3%	70	-7.1%
OVERALL	**121**	**98**	-23.5%	**76**	-28.9%	**95**	20.0%	**91**	-4.4%

Source: UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences



C.11 GSBS Graduates by Area of Research Concentration, Calendar Years 2014 – 2018

Area of Research Interest	2014		2015		2016		2017		2018	
	MS	PhD	MS	PhD	MS	PhD	MS	PhD	MS	PhD
Biochemistry and Cell Biology										4
Biochemistry and Molecular Biology		2		3		2		4		
Biostatistics, Bioinformatics, and Systems Biology		2	1	2		2	1	6		
Biomedical Sciences	20	16	10	5	6	4	5		9	
Cancer Biology	1	27	1	19		14		17		9
Cell and Regulatory Biology		1		3				2		
Clinical and Translational Sciences			1		3		2	1		
Epigenetics and Molecular Carcinogenesis						6		2		
Experimental Therapeutics		3	1	5	1	6		4		
Genes & Development		4	1	8		5		7		
Genetic Counseling	7		8		8		8		8	
Genetics & Epigenetics										18
Human & Molecular Genetics		4		3		2		1		
Immunology		6		8		1	1	7	3	6
Medical Physics	4	9	2	9	2	8	3	7		8
Microbiology & Infectious Diseases										9
Microbiology & Molecular Genetics		5		1		4		5		
Molecular Biology										
Molecular Carcinogenesis		1		4						
Molecular Pathology		1								
Neuroscience		8		2		2		12		7
Quantitative Sciences										3
Therapeutics and Pharmacology									1	3
Virology & Gene Therapy				1						
Total	32	89	25	73	20	56	20	75	21	67

Source: UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences

C.12 GSBS M.S. Program Top Areas of Research Concentration, Calendar Year 2014 – 2018

2014	2015	2016	2017	2018
Biomedical Sciences	Biomedical Sciences	Genetic Counseling	Genetic Counseling	Biomedical Sciences
Genetic Counseling	Genetic Counseling	Biomedical Sciences	Biomedical Sciences	Genetics Counseling
Medical Physics	Medical Physics	Clinical and Translational Sciences	Medical Physics	Medical Physics

Source: UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences

C.13 GSBS Ph.D. Program Top Areas of Research Concentration, Calendar Year 2014 – Fall 2018

2014	2015	2016	2017	2018
Cancer Biology	Cancer Biology	Cancer Biology	Cancer Biology	Genetics & Epigenetics
Biomedical Sciences	Medical Physics	Medical Physics	Neuroscience	Cancer Biology*
Medical Physics	Genes & Development*	Epigenetics and Molecular Carcinogenesis*	Genes & Development*	Microbiology & Infectious Diseases*
	Immunology*	Experimental Therapeutics*	Immunology*	Medical Physics
			Microbiology & Molecular Genetics*	

*Same number of graduates within given year.

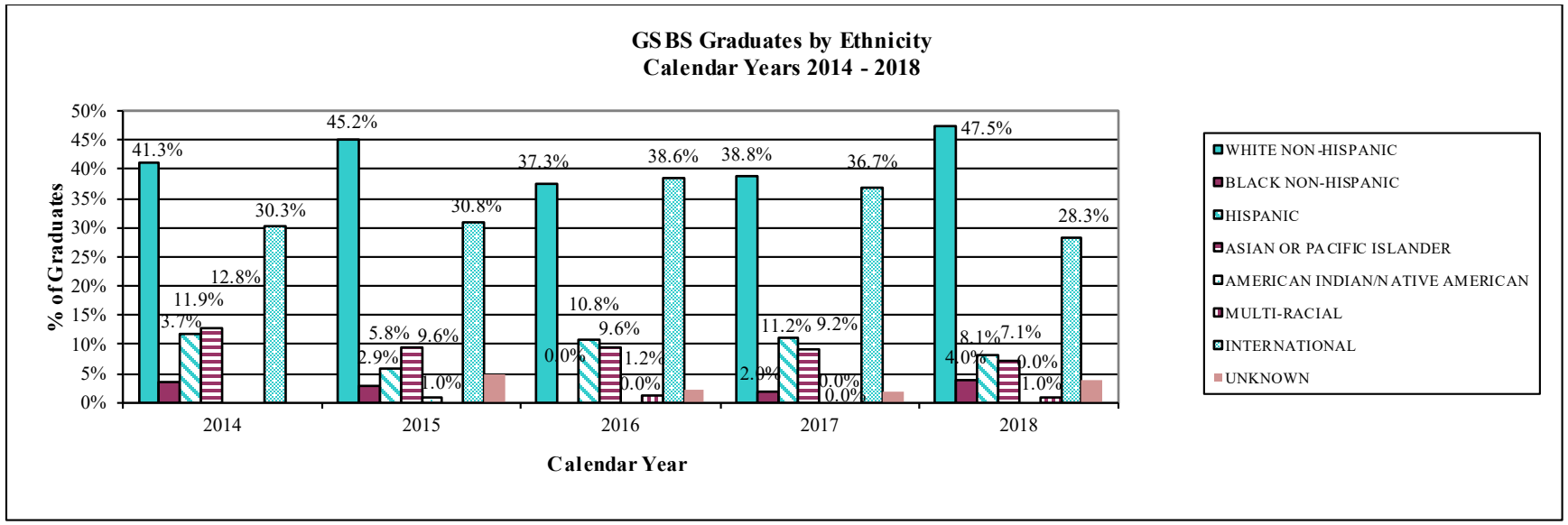
Source: UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences

C.14 GSBS Graduates by Ethnicity, Calendar Years 2014 – 2018

ETHNICITY	2014 COUNT	% of Students	2015 COUNT	% of Students	2016 COUNT	% of Students	2017 COUNT	% of Students	2018 COUNT	% of Students
WHITE NON-HISPANIC	45	41.3%	47	45.2%	31	37.3%	38	38.8%	47	47.5%
BLACK NON-HISPANIC	4	3.7%	3	2.9%	0	0.0%	2	2.0%	4	4.0%
HISPANIC	13	11.9%	6	5.8%	9	10.8%	11	11.2%	8	8.1%
ASIAN OR PACIFIC ISLANDER	14	12.8%	10	9.6%	8	9.6%	9	9.2%	7	7.1%
AMERICAN INDIAN OR ALASKAN NATIVE	0	0.0%	1	1.0%	0	0.0%	0	0.0%	0	0.0%
INTERNATIONAL	33	30.3%	32	30.8%	32	38.6%	36	36.7%	28	28.3%
MULTI-RACIAL			0	0.0%	1	1.2%	0	0.0%	1	1.0%
UNKNOWN OR NOT REPORTED	0	0.0%	5	4.8%	2	2.4%	2	2.0%	4	4.0%
TOTAL	**109**	100.0%	**104**	100.0%	**83**	100.0%	**98**	100.0%	**99**	100.0%

Source: UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences

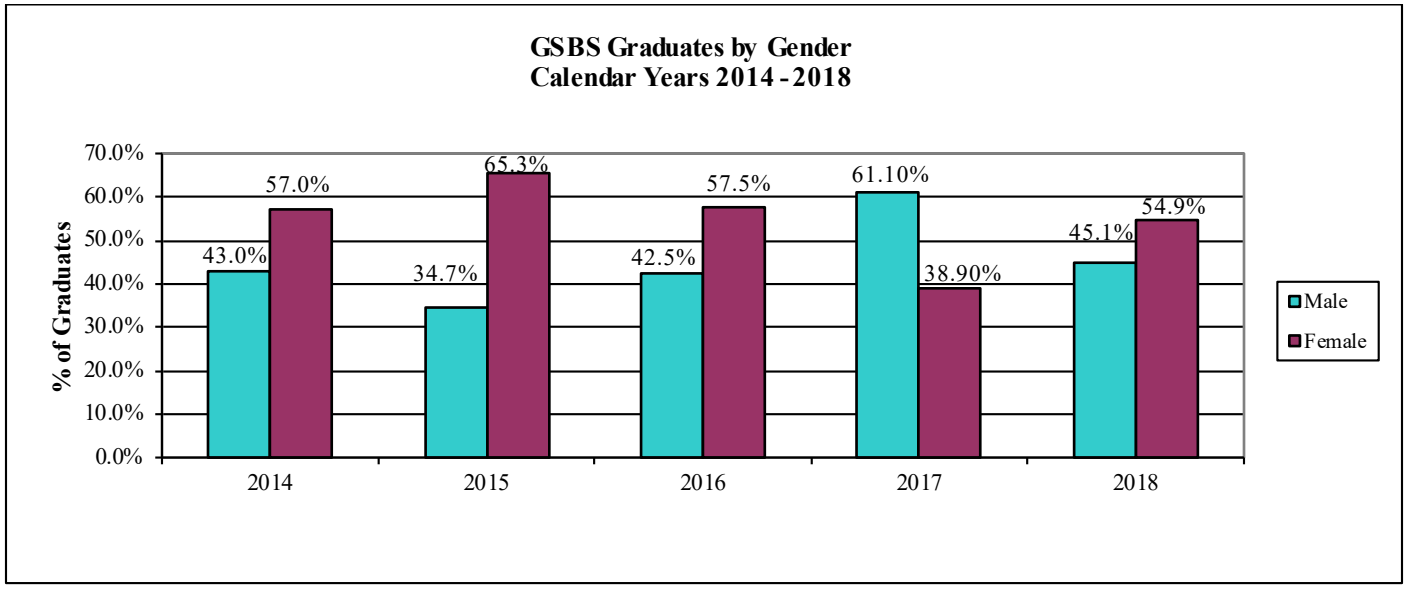
*Starting 2012, GSBS students could declare more than one ethnicity, therefore, ethnicity and degree totals may not match



C.15 GSBS Graduates by Gender, Calendar Years 2014 – 2018

GENDER	2014 COUNT	% of Students	2015 COUNT	% of Students	2016 COUNT	% of Students	2017 COUNT	% of Students	2018 COUNT	% of Students
FEMALE	69	57.0%	64	65.3%	46	57.5%	58	61.1%	50	54.9%
MALE	52	43.0%	34	34.7%	34	42.5%	37	38.9%	41	45.1%
TOTAL	**121**	100.0%	**98**	100.0%	**80**	100.0%	**95**	100.0%	**91**	100.0%

Source: UT MD Anderson Cancer Center and UTHealth Graduate School of Biomedical Sciences



D. Faculty Demographics

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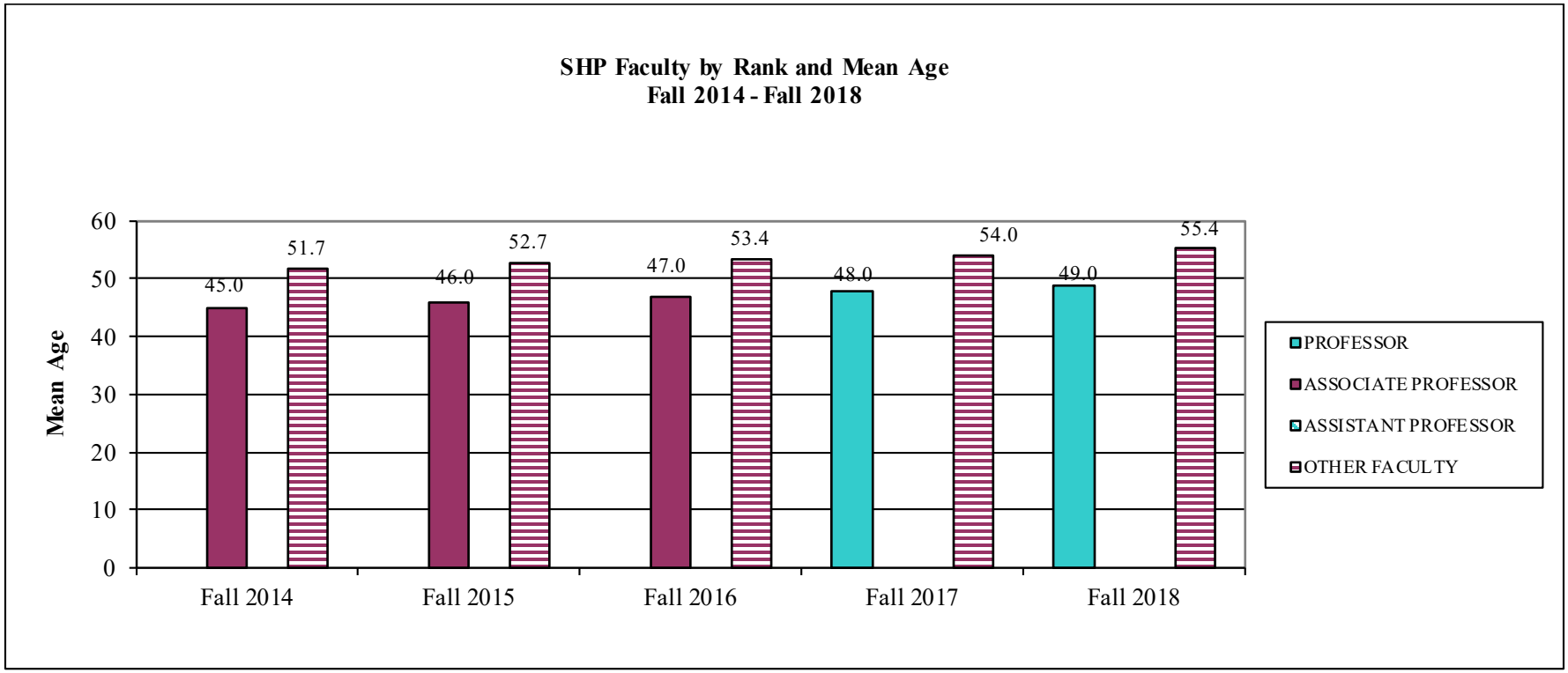
D.1 SHP Faculty by Rank and Mean Age, Fall 2014 – Fall 2018*

	Fall 2014		Fall 2015		Fall 2016		Fall 2017		Fall 2018	
MEAN AGE BY RANK	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE
PROFESSOR	0	0.0	0	0.0	0	0.0	1	48.0	1	49.0
ASSOCIATE PROFESSOR	1	45.0	1	46.0	1	47.0	0	0.0	0	0.0
ASSISTANT PROFESSOR	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OTHER FACULTY	56	51.7	54	52.7	62	53.4	72	52.7	64	55.4

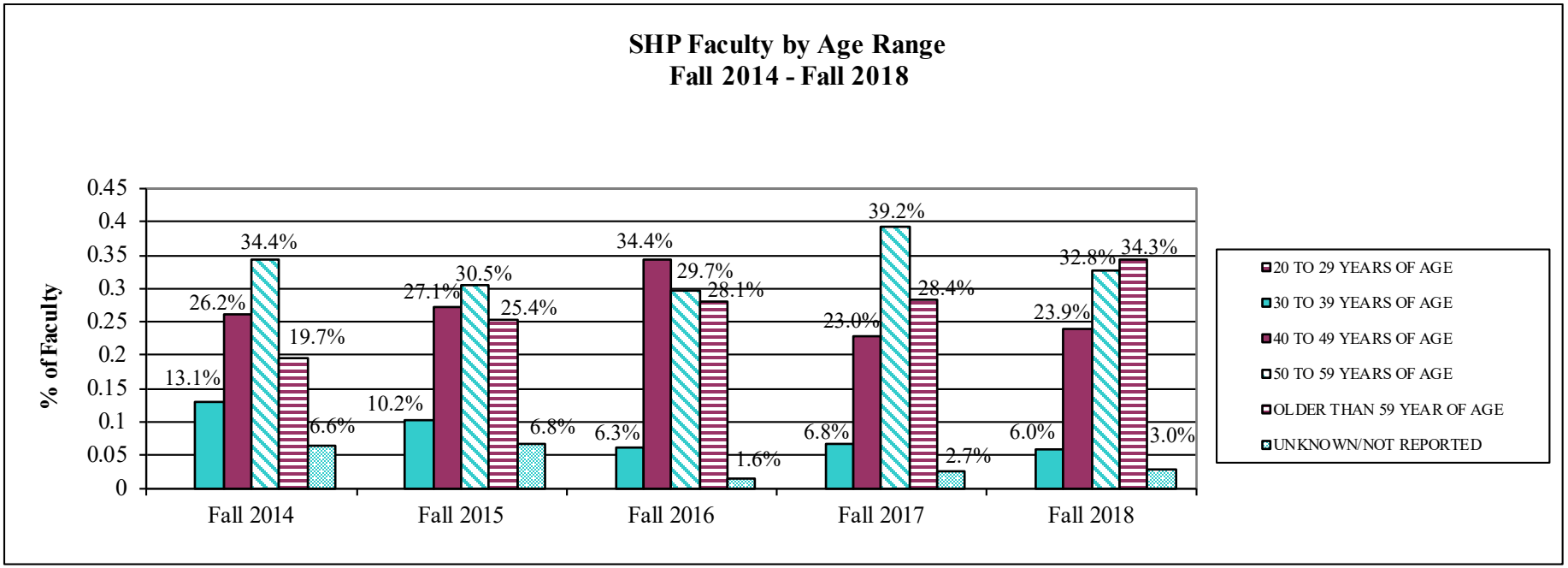
**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog
Age at Time of CBM008 Report Submission; Faculty with unknown age are not included



D.2 SHP Faculty by Age Range, Fall 2014 – Fall 2018*

AGE RANGE	Fall 2014 COUNT	% of Faculty	Fall 2015 COUNT	% of Faculty	Fall 2016 COUNT	% of Faculty	Fall 2017 COUNT	% of Faculty	Fall 2018 COUNT	% of Faculty
20 TO 29 YEARS OF AGE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
30 TO 39 YEARS OF AGE	8	13.1%	6	10.2%	4	6.3%	5	6.8%	4	6.0%
40 TO 49 YEARS OF AGE	16	26.2%	16	27.1%	22	34.4%	17	23.0%	16	23.9%
50 TO 59 YEARS OF AGE	21	34.4%	18	30.5%	19	29.7%	29	39.2%	22	32.8%
OLDER THAN 59 YEARS OF AGE	12	19.7%	15	25.4%	18	28.1%	21	28.4%	23	34.3%
UNKNOWN/NOT REPORTED	4	6.6%	4	6.8%	1	1.6%	2	2.7%	2	3.0%
TOTAL	**61**	100.0%	**59**	100.0%	**64**	100.0%	**74**	100.0%	**67**	100.0%

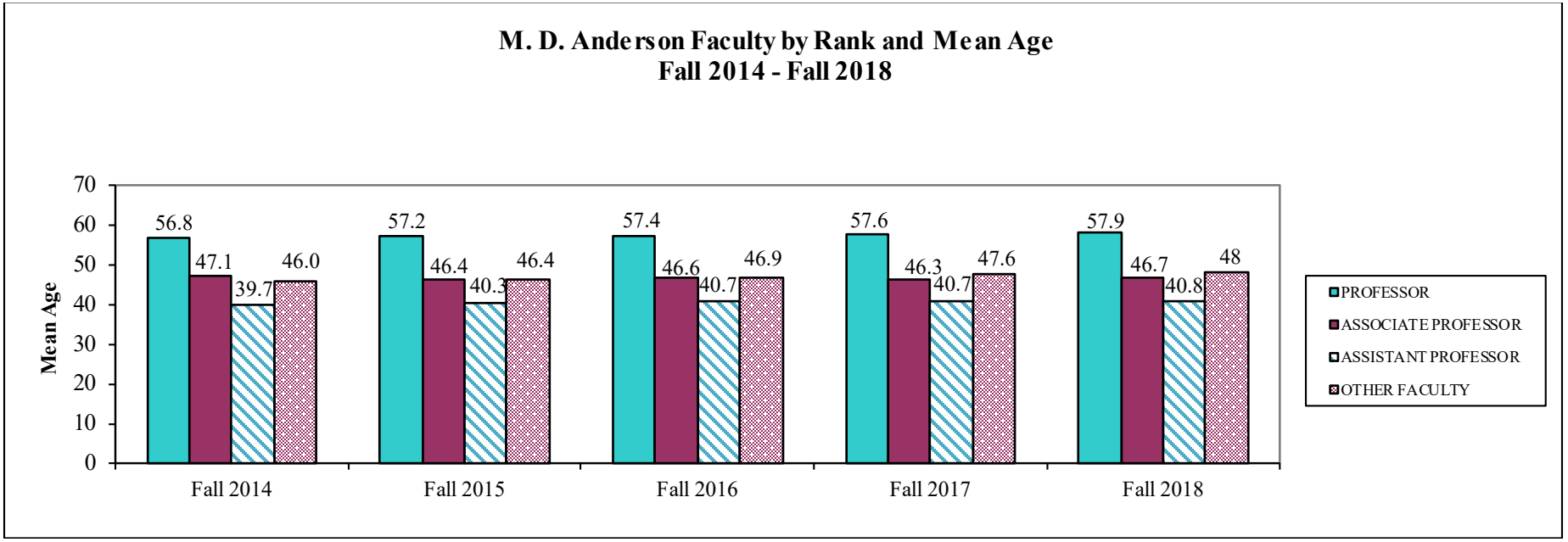
**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog



D.3 MD Anderson Faculty by Rank and Mean Age, Fall 2014 - Fall 2018

RANK	Fall 2014		Fall 2015		Fall 2016		Fall 2017		Fall 2018	
	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE	COUNT	MEAN AGE
PROFESSOR	339	56.8	333	57.2	334	57.4	344	57.6	345	57.9
ASSOCIATE PROFESSOR	142	47.1	134	46.4	143	46.6	146	46.3	142	46.7
ASSISTANT PROFESSOR	120	39.7	120	40.3	113	40.7	108	40.7	93	40.8
OTHER FACULTY	1586	46.0	1693	46.4	1728	46.9	1715	47.6	1708	48.0
TOTAL/OVERALL	**2187**	47.4	**2280**	47.7	**2318**	48.1	**2313**	48.7	**2288**	49.1

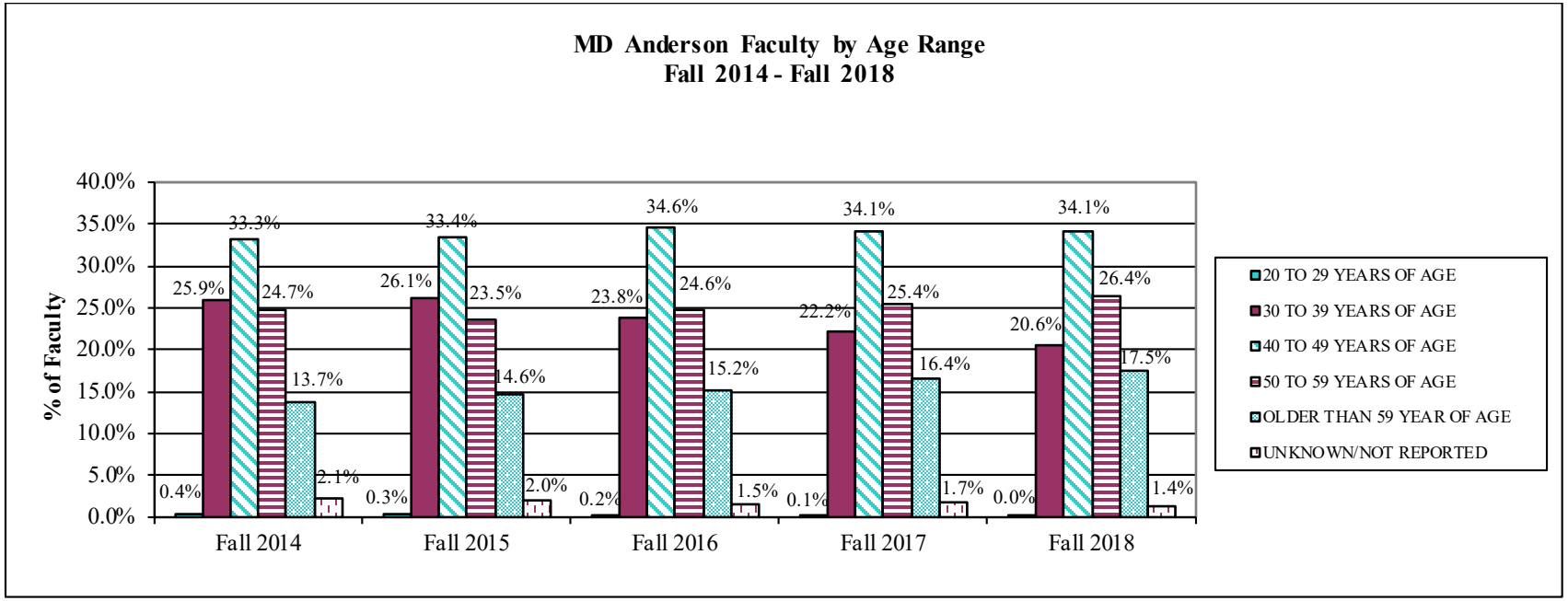
Source: Certified CBM008
Age at Time of CBM008 Report Submission; Faculty with unknown age are not included



D.4 MD Anderson Faculty by Age Range, Fall 2014 - Fall 2018

AGE RANGE	Fall 2014 COUNT	% of Faculty	Fall 2015 COUNT	% of Faculty	Fall 2016 COUNT	% of Faculty	Fall 2017 COUNT	% of Faculty	Fall 2018 COUNT	% of Faculty
20 TO 29 YEARS OF AGE	8	0.4%	8	0.3%	4	0.2%	2	0.1%	1	0.0%
30 TO 39 YEARS OF AGE	578	25.9%	607	26.1%	561	23.8%	522	22.2%	477	20.6%
40 TO 49 YEARS OF AGE	744	33.3%	777	33.4%	815	34.6%	803	34.1%	791	34.1%
50 TO 59 YEARS OF AGE	551	24.7%	548	23.5%	580	24.6%	599	25.4%	612	26.4%
OLDER THAN 59 YEARS OF AGE	306	13.7%	340	14.6%	358	15.2%	387	16.4%	407	17.5%
UNKNOWN/NOT REPORTED	48	2.1%	47	2.0%	35	1.5%	41	1.7%	32	1.4%
TOTAL	**2235**	100.0%	**2327**	100.0%	**2353**	100.0%	**2354**	100.0%	**2320**	100.0%

Source: Certified CBM008



D.5 SHP Faculty by Ethnicity and Gender, Fall 2014 – Fall 2018*

ETHNICITY	GENDER	Fall 2014 COUNT	% of Faculty	Fall 2015 COUNT	% of Faculty	Fall 2016 COUNT	% of Faculty	Fall 2017 COUNT	% of Faculty	Fall 2018 COUNT	% of Faculty
WHITE NON-HISPANIC	FEMALE	19	31.1%	19	32.2%	20	31.3%	20	27.0%	17	25.4%
	MALE	14	23.0%	14	23.7%	16	25.0%	20	27.0%	16	23.9%
BLACK NON-HISPANIC	FEMALE	7	11.5%	6	10.2%	4	6.3%	4	5.4%	3	4.5%
	MALE	3	4.9%	3	5.1%	3	4.7%	4	5.4%	4	6.0%
HISPANIC	FEMALE	1	1.6%	1	1.7%	1	1.6%	1	1.4%	1	1.5%
	MALE	0	0.0%	0	0.0%	0	0.0%	1	1.4%	1	1.5%
ASIAN	FEMALE	4	6.6%	4	6.8%	5	7.8%	5	6.8%	4	6.0%
	MALE	7	11.5%	6	10.2%	7	10.9%	8	10.8%	10	14.9%
AMERICAN INDIAN/NATIVE AMERICAN	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	1.5%
INTERNATIONAL	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UNKNOWN	FEMALE	3	4.9%	3	5.1%	2	3.1%	6	8.1%	5	7.5%
	MALE	2	3.3%	2	3.4%	4	6.3%	5	6.8%	6	9.0%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	FEMALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TWO OR MORE RACES	FEMALE	1	1.6%	1	1.7%	2	3.1%	0	0.0%	0	0.0%
	MALE	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TOTAL		**61**	100.0%	**59**	100.0%	**64**	100.0%	**74**	100.0%	**67**	100.0%

**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog

D.6 MD Anderson Faculty by Ethnicity and Gender, Fall 2014 - Fall 2018*

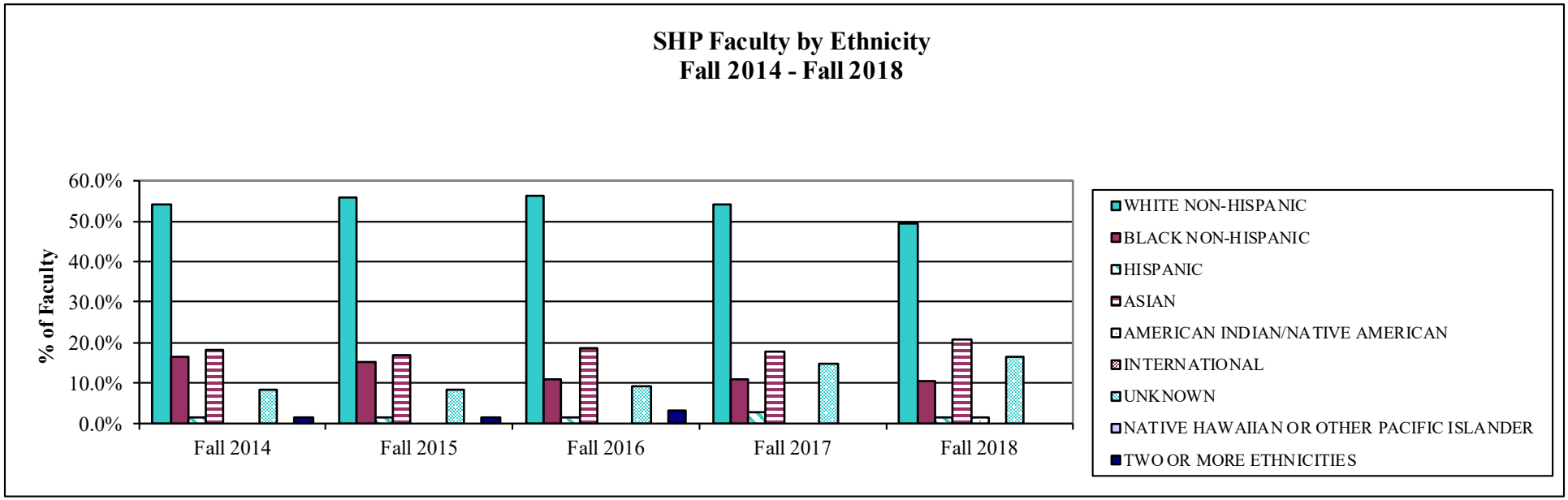
ETHNICITY	GENDER	Fall 2014 COUNT	% of Faculty	Fall 2015 COUNT	% of Faculty	Fall 2016 COUNT	% of Faculty	Fall 2017 COUNT	% of Faculty	Fall 2018 COUNT	% of Faculty
WHITE NON-HISPANIC	FEMALE	382	17.1%	399	17.2%	397	16.9%	402	17.1%	406	17.5%
	MALE	667	29.8%	691	29.8%	682	29.0%	707	30.1%	697	30.0%
BLACK NON-HISPANIC	FEMALE	42	1.9%	42	1.8%	45	1.9%	45	1.9%	44	1.9%
	MALE	25	1.1%	25	1.1%	26	1.1%	25	1.1%	30	1.3%
HISPANIC	FEMALE	54	2.4%	54	2.3%	56	2.4%	59	2.5%	61	2.6%
	MALE	95	4.3%	86	3.7%	101	4.3%	99	4.2%	103	4.4%
ASIAN	FEMALE	277	12.4%	298	12.8%	311	13.2%	317	13.5%	321	13.8%
	MALE	451	20.2%	444	19.1%	461	19.6%	464	19.8%	464	20.0%
AMERICAN INDIAN/NATIVE AMERICAN	FEMALE	4	0.2%	3	0.1%	3	0.1%	2	0.1%	2	0.1%
	MALE	1	0.0%	1	0.0%	1	0.0%	1	0.0%	2	0.1%
INTERNATIONAL	FEMALE	82	3.7%	107	4.6%	89	3.8%	61	2.6%	48	2.1%
	MALE	113	5.1%	123	5.3%	121	5.1%	99	4.2%	70	3.0%
UNKNOWN	FEMALE	10	0.4%	10	0.4%	12	0.5%	18	0.8%	17	0.7%
	MALE	23	1.0%	24	1.0%	34	1.4%	34	1.4%	40	1.7%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	FEMALE	2	0.1%	2	0.1%	2	0.1%	2	0.1%	2	0.1%
	MALE	1	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%
TWO OR MORE RACES	FEMALE	4	0.2%	7	0.3%	6	0.3%	5	0.2%	5	0.2%
	MALE	2	0.1%	5	0.2%	5	0.2%	6	0.3%	7	0.3%
TOTAL		**2235**	100.0%	**2322**	100.0%	**2353**	100.0%	**2347**	100.0%	**2320**	100.0%

**Does not include adjunct faculty*
Source: Certified CBM008

D.7 SHP Faculty by Ethnicity, Fall 2014 – Fall 2018*

ETHNICITY	Fall 2014 COUNT	% of Total	Fall 2015 COUNT	% of Total	Fall 2016 COUNT	% of Total	Fall 2017 COUNT	% of Total	Fall 2018 COUNT	% of Total
WHITE NON-HISPANIC	33	54.1%	33	55.9%	36	56.3%	40	54.1%	33	49.3%
BLACK NON-HISPANIC	10	16.4%	9	15.3%	7	10.9%	8	10.8%	7	10.4%
HISPANIC	1	1.6%	1	1.7%	1	1.6%	2	2.7%	1	1.5%
ASIAN	11	18.0%	10	16.9%	12	18.8%	13	17.6%	14	20.9%
AMERICAN INDIAN/NATIVE AMERICAN	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	1.5%
INTERNATIONAL	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UNKNOWN	5	8.2%	5	8.5%	6	9.4%	11	14.9%	11	16.4%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TWO OR MORE RACES	1	1.6%	1	1.7%	2	3.1%	0	0.0%	0	0.0%
TOTAL	**61**	100.0%	**59**	100.0%	**64**	100.0%	**74**	100.0%	**74**	100.0%

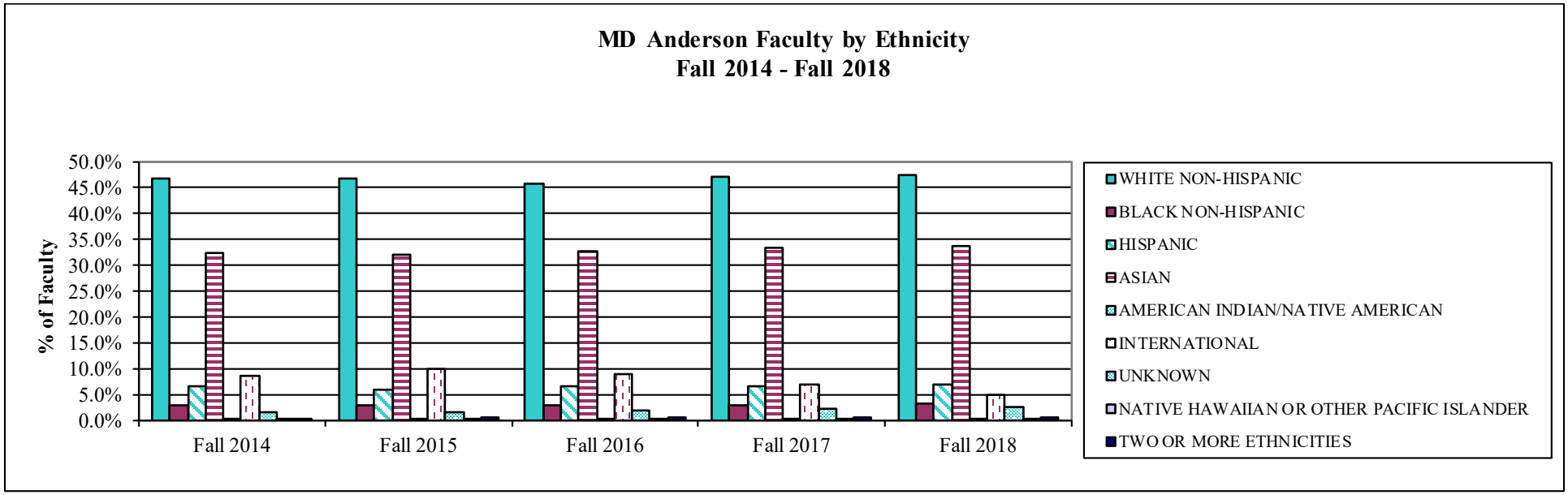
**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog



D.8 MD Anderson Faculty by Ethnicity, Fall 2014 - Fall 2018*

ETHNICITY	Fall 2014 COUNT	% of Faculty	Fall 2015 COUNT	% of Faculty	Fall 2016 COUNT	% of Faculty	Fall 2017 COUNT	% of Faculty	Fall 2018 COUNT	% of Faculty
WHITE NON-HISPANIC	1049	46.9%	1090	46.9%	1079	45.9%	1109	47.3%	1103	47.5%
BLACK NON-HISPANIC	67	3.0%	67	2.9%	71	3.0%	70	3.0%	74	3.2%
HISPANIC	149	6.7%	140	6.0%	157	6.7%	158	6.7%	164	7.1%
ASIAN	728	32.6%	742	32.0%	772	32.8%	781	33.3%	785	33.8%
AMERICAN INDIAN/NATIVE AMERICAN	5	0.2%	4	0.2%	4	0.2%	3	0.1%	4	0.2%
INTERNATIONAL	195	8.7%	230	9.9%	210	8.9%	160	6.8%	118	5.1%
UNKNOWN	33	1.5%	34	1.5%	46	2.0%	52	2.2%	57	2.5%
NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER	3	0.1%	3	0.1%	3	0.1%	3	0.1%	3	0.1%
TWO OR MORE RACES	6	0.3%	12	0.5%	11	0.5%	11	0.5%	12	0.5%
TOTAL	**2235**	100.0%	**2322**	100.0%	**2353**	100.0%	**2347**	100.0%	**2320**	100.0%

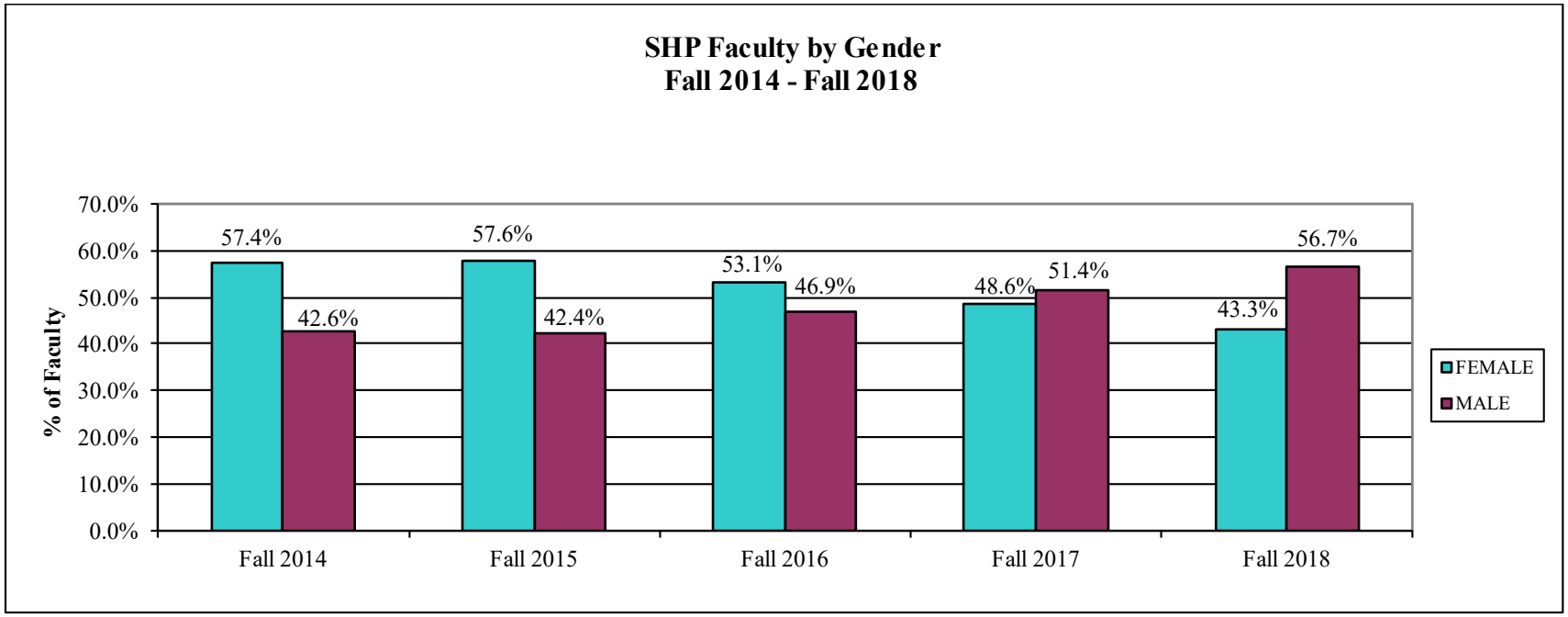
**New ethnicities were implemented including "Native Hawaiian or other Pacific Islander" and "Two or more races"*
Source: Certified CBM008



D.9 SHP Faculty by Gender, Fall 2014 – Fall 2018*

GENDER	Fall 2014 COUNT	% of Total	Fall 2015 COUNT	% of Total	Fall 2016 COUNT	% of Total	Fall 2017 COUNT	% of Total	Fall 2018 COUNT	% of Total
FEMALE	35	57.4%	34	57.6%	34	53.1%	36	48.6%	29	43.3%
MALE	26	42.6%	25	42.4%	30	46.9%	38	51.4%	38	56.7%
TOTAL	**61**	100.0%	**59**	100.0%	**64**	100.0%	**74**	100.0%	**67**	100.0%

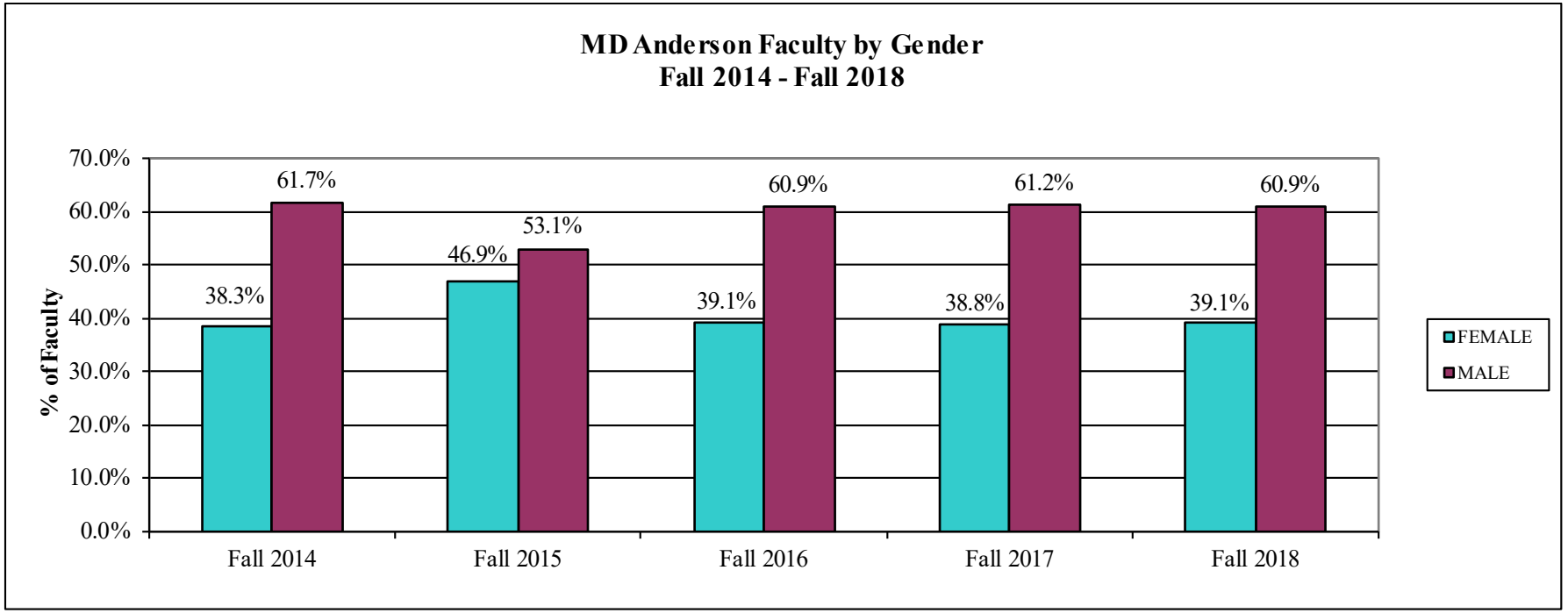
**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog



D.10 MD Anderson Faculty by Gender, Fall 2014 - Fall 2018

GENDER	Fall 2014 COUNT	% of Total	Fall 2015 COUNT	% of Total	Fall 2016 COUNT	% of Total	Fall 2017 COUNT	% of Total	Fall 2018 COUNT	% of Total
FEMALE	857	38.3%	922	46.9%	921	39.1%	911	38.8%	906	39.1%
MALE	1378	61.7%	1042	53.1%	1432	60.9%	1436	61.2%	1414	60.9%
TOTAL	**2235**	100.0%	**1964**	100.0%	**2353**	100.0%	**2347**	100.0%	**2320**	100.0%

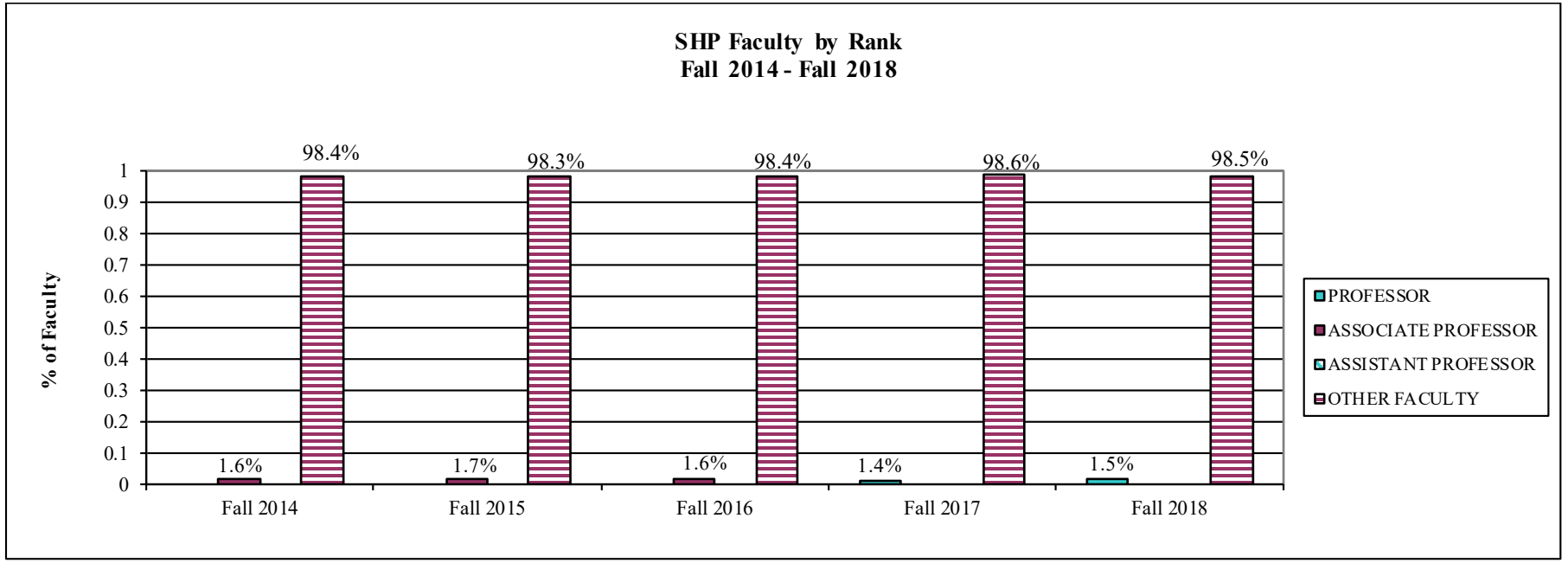
Source: Certified CBM008



D.11 SHP Faculty by Rank, Fall 2014 – Fall 2018*

RANK	Fall 2014			Fall 2015			Fall 2016			Fall 2017			Fall 2018		
	COUNT	% of ALL	FTE	COUNT	% of ALL	FTE	COUNT	% of ALL	FTE	COUNT	% of ALL	FTE	COUNT	% of ALL	FTE
PROFESSOR	0	0.0%	0.00	0	0.0%	0.00	0	0.0%	0.00	1	1.4%	1.00	1	1.5%	1.00
ASSOCIATE PROFESSOR	1	1.6%	1.00	1	1.7%	1.00	1	1.6%	1.00	0	0.0%	0.00	0	0.0%	0.00
ASSISTANT PROFESSOR	0	0.0%	0.00	0	0.0%	0.00	0	0.0%	0.00	0	0.0%	0.00	0	0.0%	0.00
OTHER FACULTY	60	98.4%	28.00	58	98.3%	26.00	63	98.4%	25.00	73	98.6%	26.00	66	98.5%	30.00
TOTAL	**61**	100.0%	29.00	**59**	100.0%	27.00	**64**	100.0%	26.00	**74**	100.0%	27.00	**67**	100.0%	31.00

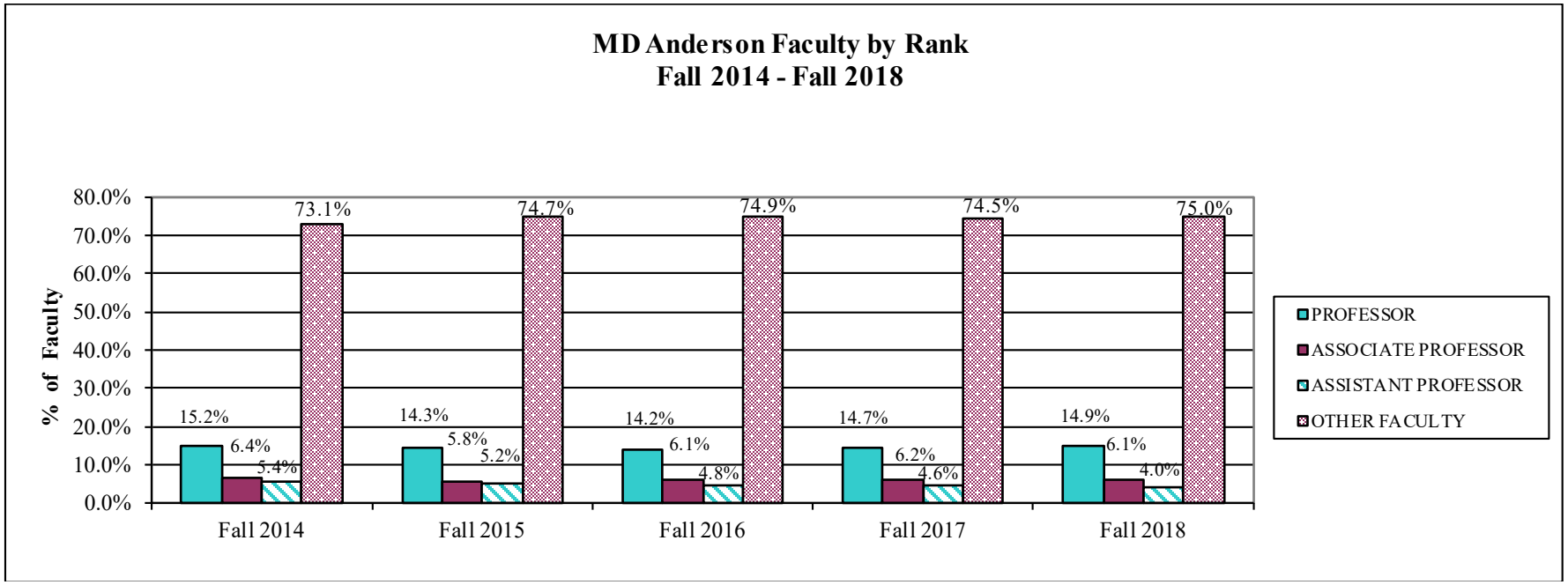
**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog



D.12 MD Anderson Faculty by Rank, Fall 2014 - Fall 2018

FACULTY RANK	Fall 2014			Fall 2015			Fall 2016			Fall 2017			Fall 2018		
	COUNT	% OF ALL	FTE	COUNT	% OF ALL	FTE	COUNT	% OF ALL	FTE	COUNT	% OF ALL	FTE	COUNT	% OF ALL	FTE
PROFESSOR	339	15.2%	338.00	333	14.3%	332.00	334	14.2%	326.00	344	14.7%	342.96	345	14.9%	344.00
ASSOCIATE PROFESSOR	142	6.4%	142.00	134	5.8%	134.00	143	6.1%	136.00	146	6.2%	145.99	142	6.1%	142.00
ASSISTANT PROFESSOR	120	5.4%	120.00	120	5.2%	120.00	113	4.8%	111.00	108	4.6%	107.99	93	4.0%	93.00
OTHER FACULTY	1634	73.1%	1126.99	1735	74.7%	1159.77	1763	74.9%	1145	1749	74.5%	1194.02	1740	75.0%	1213.08
TOTAL	**2235**	100.0%	1726.99	**2322**	100.0%	1745.77	**2353**	100.0%	1718	**2347**	100.0%	1790.96	**2320**	100.0%	1792.08

Source: Certified CBM008



D.13 SHP Mean Faculty* Salaries by Rank, Fall 2014 - Fall 2018

RANK	Fall 2014			Fall 2015			Fall 2016			Fall 2017			Fall 2018		
	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE
PROFESSOR	$0	0	0.00	$0	0	0.00	$0	0	0.00	$141,797	1	1.00	$173,462	1	1.00
ASSOCIATE PROFESSOR	$122,101	1	1.00	$126,069	1	1.00	$130,797	1	1.00	$0	0	0.00	$0	0	0.00
ASSISTANT PROFESSOR	$0	0	0.00	$0	0	0.00	$0	0	0.00	$0	0	0.00	$0	0	0.00
OTHER FACULTY	$118,080	28	28.00	$118,898	26	26.00	$121,905	25	25.00	$126,468	26	26.00	$129,821	30	30.00
OVERALL	**$118,219**	**29**	**29.00**	**$118,219**	**27**	**27.00**	**$122,247**	**26**	**26.00**	**$127,035**	**27**	**27.00**	**$131,228**	**31**	**31.00**

**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog

D.14 MD Anderson Cancer Center Mean Faculty* Salaries by Rank, Fall 2014 - Fall 2018

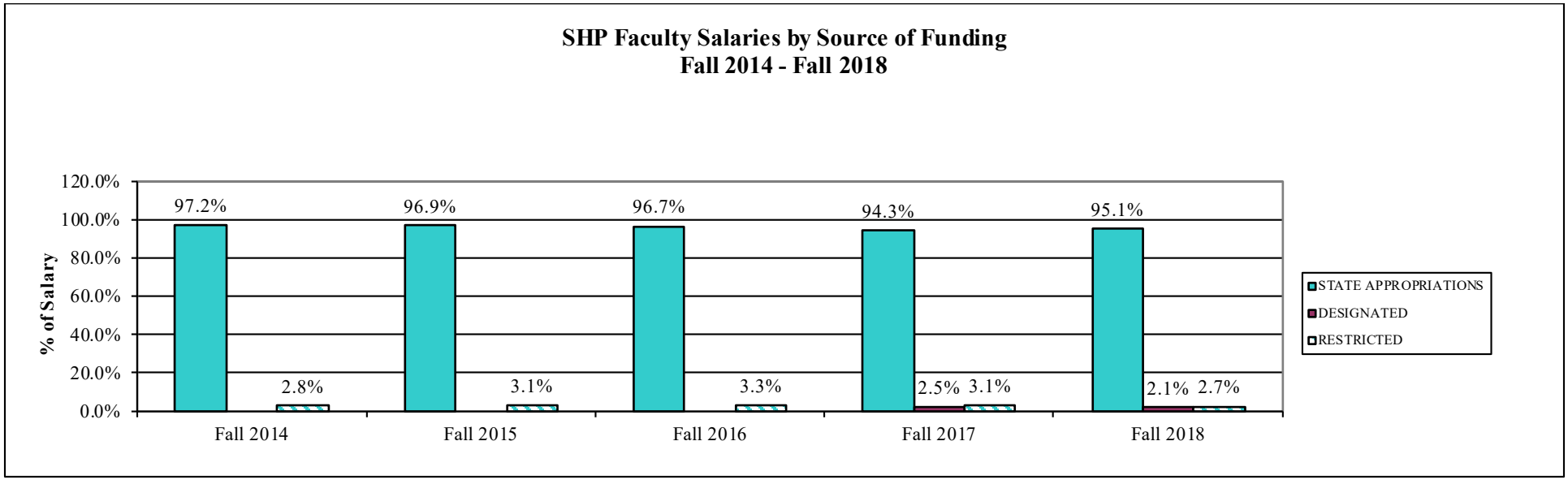
RANK	Fall 2014			Fall 2015			Fall 2016			Fall 2017			Fall 2018		
	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE	MEAN SALARY	COUNT	FTE
PROFESSOR	$368,869	338	338.00	$377,678	328	328	$395,709	333	332.74	$392,393	342	341.95	$417,443	344	344
ASSOCIATE PROFESSOR	$226,042	142	142.00	$242,935	134	134	$246,703	143	143	$241,026	146	145.98	$257,460	142	142
ASSISTANT PROFESSOR	$190,556	120	120.00	$186,666	120	120	$196,586	113	113	$198,740	108	107.99	$207,592	93	93
OTHER FACULTY	$199,450	1126	1118.65	$211,772	1151	1143.23	$227,605	1178	1170.02	$230,079	1198	1186.2	$253,282	1216	1204.94
OVERALL	**$234,196**	**1,726**	**1,718.65**	**$243,844**	**1,733**	**1,725.23**	**$258,847**	**1,767**	**1,758.76**	**$260,026**	**1,794**	**1,782.12**	**$282,705**	**1,795**	**1,783.94**

**Includes only faculty with non-zero salary and total appointment greater than or equal to 50%.*
Source: Certified CBM008

D.15 SHP Faculty Salaries by Source of Funds, Fall 2014 – Fall 2018*

SOURCE OF FUNDING	Fall 2014		Fall 2015		Fall 2016		Fall 2017		Fall 2018	
	Sum	% OF ALL	Sum	% OF ALL	Sum	% OF ALL	Sum	% OF ALL	Sum	% OF ALL
STATE APPROPRIATIONS	$3,331,857	97.2%	$3,116,594	96.9%	$3,074,568	96.7%	$3,235,469	94.3%	$3,869,295	95.1%
DESIGNATED	$0	0.0%	$0	0.0%	$0	0.0%	$87,000	2.5%	$87,000	2.1%
RESTRICTED	$96,482	2.8%	$100,824	3.1%	$103,849	3.3%	$107,484	3.1%	$111,783	2.7%
TOTAL	**$3,428,339**	**100.0%**	**$3,217,418**	**100.0%**	**$3,178,417**	100.0%	**$3,429,953**	100.0%	**$4,068,078**	100.0%

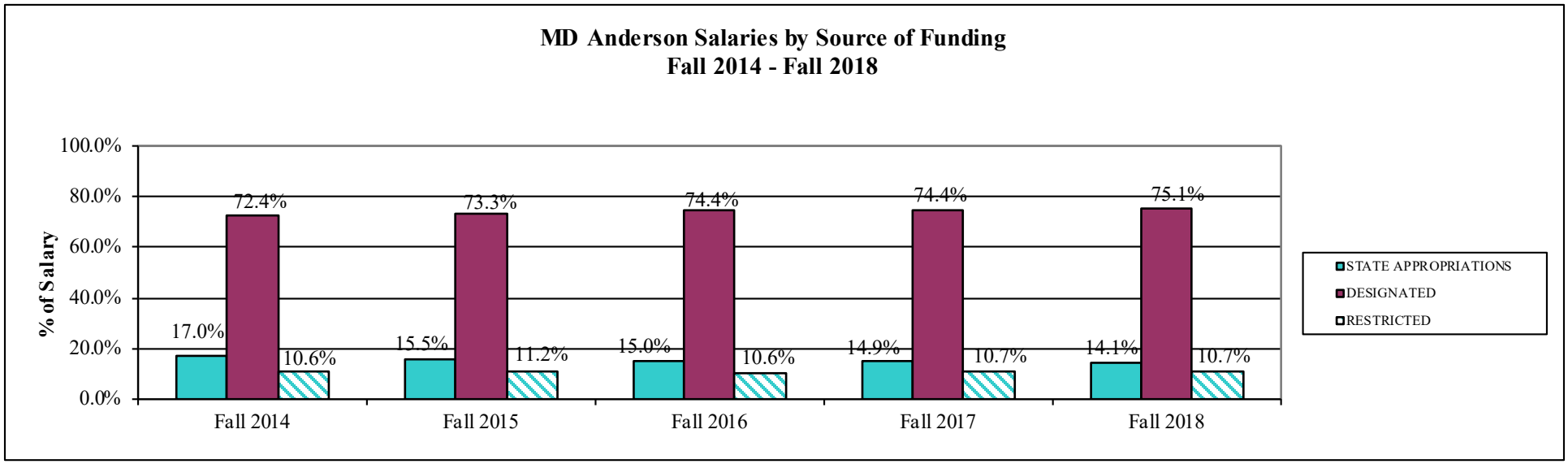
**Does not include adjunct faculty*
Source: Certified CBM008 and SHP Web Catalog



D.16 MD Anderson Faculty Salaries by Source of Funds, Fall 2014 - Fall 2018

SOURCE OF FUNDING	Fall 2014		Fall 2015		Fall 2016		Fall 2017		Fall 2018	
	Sum	% of Total	Sum	% of Total	Sum	% of Total	Sum	% of Total	Sum	% of Total
STATE APPROPRIATIONS	$69,073,177	17.0%	$66,457,452	15.5%	$69,180,300	15.0%	$69,819,178	14.9%	$72,016,735	14.1%
DESIGNATED	$294,333,847	72.4%	$313,632,999	73.3%	$342,073,748	74.4%	$349,164,229	74.4%	$383,301,097	75.1%
RESTRICTED	$43,220,286	10.6%	$47,881,472	11.2%	$48,607,373	10.6%	$50,216,106	10.7%	$54,741,677	10.7%
TOTAL	**$406,627,310**	100.0%	**$427,971,923**	100.0%	**$459,861,421**	100.0%	**$469,199,513**	100.0%	**$510,059,509**	100.0%

Source: Certified CBM008



D.17 MD Anderson Faculty American Association for Advancement of Science Fellows Appointments Fiscal Year 2019

Name	Department
J. Jack Lee, M.D	Quantitative Sciences and Biostatistics

E. Academic Assessments

THE UNIVERSITY OF TEXAS
MD Anderson Cancer Center
Making Cancer History®

E.1 Accreditation Status

E.1.1 School of Health Professions (SHP) Program Accreditation Schedule

Program	Accrediting Agency	Date of Last Review	Length of Certification
Cytogenetic Technology	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)	April 2014	7 years
Histotechnology	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)	April 2015	7 years
Clinical Laboratory Sciences	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)	March 2020	10 years
Molecular Genetic Technology	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)	September 2018	10 years
Cytotechnology	Commission on Accreditation of Allied Health Education Programs (CAAHEP)	November 2015	10 years
Medical Dosimetry	Joint Review Committee on Education in Radiologic Tech. (JRCERT)	April 2014	8 years
Radiation Therapy	Joint Review Committee on Education in Radiologic Tech. (JRCERT)	November 2015	8 years
Diagnostic Imaging	Joint Review Committee on Education in Radiologic Tech. (JRCERT)	August 2018	8 years
Diagnostics Genetics	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)	September 2018	10 years

E.1.2 Graduate School of Biomedical Sciences (GSBS) Program Accreditation Schedule

Program	Accrediting Agency	Date of Last Review	Length of Certification
MS and PhD Program	Southern Association of Colleges and Schools (SACS)	2010	10 years
MS with specialization in Genetic Counseling	American Board of Genetic Counseling (ABGC)	2014	8 years
MS and PhD with specialization in Medical Physics	Commission on Accreditation of Medical Physics Educational Programs (CAMPEP)	2018	5 years

E.1.3 Accredited Medical Programs Schedule

Institutional ACGME* Review: January 15, 2020

Program	Accrediting Agency	Accreditation Effective Date
Blood Banking & Transfusion Medicine	ACGME	January 14, 2020
Chemical Pathology	ACGME	January 14, 2020
Complex General Surgical Oncology	ACGME	January 9, 2020
Cytopathology	ACGME	January 14, 2020
Dermatopathology	ACGME	January 14, 2020
Gynecologic Oncology	ACGME	February 12, 2020
Hematology and Oncology	ACGME	January 24, 2020
Hematopathology	ACGME	January 14, 2020
Hospice and Palliative Care	ACGME	January 16, 2020
Molecular Genetics Pathology	ACGME	January 14, 2020
Musculoskeletal Oncology	ACGME	April 12, 2019
Ophthalmic Plastic & Reconstructive Surgery	ACGME	January 9, 2020
Pain Management	ACGME	January 27, 2020
Pediatric Hematology/Oncology	ACGME	January 27, 2020
Micrographic surgery and dermatologic oncology (formerly known as Procedural Dermatology)	ACGME	January 18, 2020
Radiation Oncology	ACGME	January 16, 2020
Breast Pathology	ACGME	January 14, 2020
Gastrointestinal & Liver Pathology	ACGME	January 14, 2020
Genitourinary Pathology	ACGME	January 14, 2020
Gynecologic Oncology Pathology	ACGME	January 14, 2020
Head & Neck Pathology	ACGME	January 14, 2020
Soft Tissue Pathology	ACGME	January 14, 2020
Surgical Pathology	ACGME	January 14, 2020
Thoracic Pathology	ACGME	January 14, 2020
Thoracic Surgery	ACGME	December 13, 2019
Vascular and Interventional Radiology	ACGME	January 23, 2020

* *Accreditation Council for Graduate Medical Education*

E.1.4 Texas Medical Board Approved Programs

- Advanced Airway Management
- Advanced Colorectal Surgery
- Advanced Dermatopathology
- Advanced Hematopathology
- Advanced Interventional Radiology
- Advanced Musculoskeletal Oncology
- Advanced Pediatric Hematology/Oncology
- Advanced Radiation Oncology
- Advanced Therapeutic Endoscopy
- Body Imaging
- Breast Imaging
- Breast Surgical Oncology
- Cancer Anesthesia
- Cancer Rehabilitation
- Diagnostic Radiology
- General Internal Medicine
- Head and Neck Surgery
- Head and Neck Surgical Oncology & Reconstruction
- Hepatopancreatobiliary (HPB) Surgery
- Histocompatibility and Immunogenetics
- Immunotherapy
- Interventional Pulmonology
- Investigational Cancer Therapeutics
- Leukemia
- Lymphoma
- Maxillofacial Prosthetics & Oncologic Dentistry
- Medical Oncology International
- Melanoma Oncology
- Microvascular Reconstructive Surgery
- Musculoskeletal Radiology
- Multidisciplinary Pathology
- Neuro-Oncology
- Neurosurgical Oncology
- Oncologic-based Maxillofacial Dental Implant
- Oncologic Cardiology
- Oncologic Emergency Medicine
- Oncologic Endocrinology

Texas Medical Board Approved Programs, *continued*

- Onco-Hospitalist
- Oncologic Nephrology
- Oncologic Neuroradiology
- Pediatric Neuro Oncology
- Pediatric Surgical Oncology
- Regional Anesthesia and Acute Pain
- Sarcoma Medical Oncology
- Stem Cell Transplantation & Cellular Therapy
- Surgical Endocrinology
- Surgical Oncology
- Surgical Oncology International
- Symptom Control & Palliative Care
- Thoracic/Head & Neck Medical Oncology
- Thoracic Pathology
- Thoracic Imaging
- Urinary Tract & Pelvic Reconstruction
- Urologic Oncology

Source: Graduate Medical Education

E.2 Results of Selected National Certification Exams

E.2.1 Program in Clinical Laboratory Science

American Society for Clinical Pathology (Board of Certification Exam)
Medical Laboratory Scientist Generalist Exam

Year	# of Graduates	# Graduates Taking BOC Exam	% Passing	Program Mean BOC Score	National Mean BOC Score
2009	17	17	94%	545	492
2010	19	19	90%	514	498
2011	14	14	100%	536	502
2012	17	17	100%	599	499
2013	16	16	94%	548	502
2014	13	13	80%	524	485
2015	16	14	64%	509	488
2016	15	15	100%	631	495
2017	14	11	91%	548	509
2018	14	14	93%	590	500

E.2.2 Program in Cytogenetic Technology - Registry Exam Scores

	2009	2010**	2011***	2012	2013	2014	2015	2016	2017	2018
Program Part I	75	590	516	456	495	484	544	527	512	490
National Part I	73.72	516	468	456	494	455	480	453	458	469
Program Part II	77*	700								
National Part II	73.71*	714								

The cytogenetics exam is given by National Credentialing Agency for Laboratory Personnel (NCA). The exam is signified by the following designation CLSp(CG). There are two parts to the examination. Part one is a 100 theory question exam. Part two is a practical exam that was 100 questions in length until 2001 when it was changed to an 80 question exam. This explains why the scores appear to be much lower when in fact they are very good scores. (2001 – 90.31%; 2002 – 92.8%).
* No national data is available for Part II after exam was converted to a computer exam format in 2001. Part II scores for 2001 – 2003 are raw scores, all others are scaled scores.
**NCA was merged with ASCP (different scoring system)
***In 2011 the ASCP revised the Cytogenetic BOC from a two part to only a single exam.

E.2.3 Program in Histotechnology

Program in Histotechnology
Performance on ASCP Board of Certification Exam

Year	# of Graduates	# Graduates Taking BOC Exam	% Passing	Program Mean BOC Score Written Exam	National Mean BOC Score MCQ Exam	# of Programs in Nation	National Ranking	Program Mean BOC Score Practical Exam	National Mean BOC Score Practical Exam	National Ranking
	3 HTL	3 HTL	100%	560	433	NA	NA	498	552	NA
2007	3 HT	3 HT	100%	632	463	24	1	Discontinued	NA	NA
	4 HTL	4 HTL	100%	520	422	NA	NA			
2008	2 HT	2 HT	100%	506	448	28	16	Discontinued	NA	NA
	4 HTL	4 HTL	100%	454	422	NA	NA			
2009	2 HT	2 HT	100%	549	480	28	6	Discontinued	NA	NA
	7 HTL	7 HTL	100%	597	435	NA	NA			
2010	1 HT	2 HT	100%	446	478	33	22	Discontinued	NA	NA
	5 HTL	5 HTL	100%	461	432	NA	NA			
2011	9 HTL	9 HTL	100%	491	454	NA	NA	Discontinued	NA	NA
2012	11 HTL	12 HTL	82%	460	440	NA	NA	Discontinued	NA	NA
2013	12 HTL	12 HTL	100%	478	425	6	NA	Discontinued	NA	NA
2014	13 HTL	11 HTL	85%	527	426	7	NA	Discontinued	NA	NA
2015	14 HTL	11 HTL	79%	462	456	8	NA	Discontinued	NA	NA
2016	15 HTL	11 HTL	91%	485	446	8	NA	Discontinued	NA	NA
2017	15 HTL	15 HTL	93%	500	463	9	NA	Discontinued	NA	NA
2018	15 HTL	15 HTL	87%	493	458	9	NA	Discontinued	NA	NA

Performance on HTL and HT ASCP Board of Certification Exam
MDACC Program/National Programs Pass Rates

Year	MD ANDERSON Program in Histotechnology			NATIONAL Programs in Histotechnology			MD ANDERSON Program in Histotechnology		NATIONAL Programs in Histotechnology	
	# Graduates	# Graduates Taking MCQ (BOC)	% Pass	Total # of Programs	# Examinees Taking MCQ (BOC) First Time	% Pass	# Graduates Taking Practical BOC	% Pass	# Examinees Taking Practical BOC First Time	% Pass
2007	2 HTL	2	100%	NA	53	70%	2	100%	39	90%
	3 HT	3	100%	24	217	65%	Discontinued	NA	Discontinued	NA
2008	3 HTL	4	100%	NA	99	59%	Discontinued	NA	Discontinued	NA
	2 HT	2	100%	28	264	75%				
2009	4 HTL	4	100%	NA	95	63%	Discontinued	NA	Discontinued	NA
	2 HT	2	100%	28	271	75%				
2010	7 HTL	7	100%	NA	131	58%	Discontinued	NA	Discontinued	NA
	1 HT	2	100%	33	312	73%				
2011	5 HTL	5	100%	NA	101	70%	Discontinued	NA	Discontinued	NA
	9 HTL	9	100%	NA	109	69%				
2012	11 HTL	11	82%	NA	183	66%	Discontinued	NA	Discontinued	NA
2013	12 HTL	12	100%	NA	324	58%	Discontinued	NA	Discontinued	NA
2014	13 HTL	11	85%	7	426	65%	Discontinued	NA	Discontinued	NA
2015	14 HTL	11	79%	8	456	70%	Discontinued	NA	Discontinued	NA
2016	15 HTL	11	91%	8	320	73%	Discontinued	NA	Discontinued	NA
2017	15 HTL	15	93%	9	176	66%	Discontinued	NA	Discontinued	NA
2018	15 HTL	13	88%	9	215	71%	Discontinued	NA	Discontinued	NA

NOTE: Program = Results of U.T. MD Anderson Cancer Center School of Health Sciences Program in Histotechnology test results.
MCQ = Computerized test results.
Practical = Practical exam of blocks and slides results.
National = Refers to all individuals taking the certification exam.
HT = Histologic Technician; HTL = Histotechnologist

E.3 Summary of Surveys

E.3.1 Summary of School of Health Professions Course/Rotation, Faculty, and Lecturer Evaluations

Semester	Number of Courses/Rotations	Number of Faculty/Lecturers	Number of Course/Rotation Evaluations	Number of Faculty/Lecturer Evaluations	Number of Total Evaluations
Fall 2015	91	505	1,535	2,746	4,281
Spring 2016	87	119	1,120	1,556	2,676
Summer 2016	53	63	552	702	1,254
Fall 2016	92	58	1,172	1,576	2,748
Spring 2017	88	50	755	1,232	1,987
Summer 2017	64	35	360	384	744
Fall 2017	94	45	922	1,275	2,197
Spring 2018	82	50	688	1,049	1,737
Summer 2018	54	36	532	638	1,170
Fall 2018	98	57	1,025	1,769	2,794
Spring 2019	91	53	952	1,738	2,690
Summer 2019	55	35	413	432	845

E.3.2 School of Health Professions Surveys

SHP* Program Evaluation by Program and Year

FY	CLS	CGT	CT	DI	DG	DMS	HT	MD	MGT	RS	RT	TOTALS
2014	12	19	11	35	NA	NA	11	3	13	NA	15	**119**
2015	15	15	0	25	3	NA	12	15	19	NA	16	**120**
2016	12	14	2	26	6	6	4	16	12	NA	13	**111**
2017	0	0	0	0	0	0	0	0	0	0	0	**0**
2018	14	14	0	17	8	5	5	18	16	9	9	**115**

*SHP Program Legend
CLS = Clinical Laboratory Science; CGT = Cytogenetic Technology; CT = Cytotechnology
DI = Diagnostic Imaging; DG = Diagnostic Genetics; DMS = Diagnostic Medical Sonography; HT = Histotechnology; MD = Medical Dosimetry MGT = Molecular Genetic Technology; RS = Radiological Sciences; RT= Radiation Therapy

F. Administrative & Academic Reporting Measures

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Making Cancer History®

History of the State of Texas Strategic Planning Process

Beginning in 1991, Texas embarked on a comprehensive strategic planning process for all state agencies within the executive branch of government. House Bill 2009, Seventy-second Legislature, Regular Session, 1991, which inaugurated the process, established the requirements and time frame under which Texas completed its first planning cycle. House Bill 2009 was subsequently codified as Chapter 2056 of the Government Code.

In 1993, Chapter 2056 of the Government Code was amended (Senate Bill 1332, Seventy-third Legislature, 1993) to consolidate certain planning requirements and to change the required planning horizon from six years to five years (i.e., the second year of the current biennium and the next two biennia). Formal plans must be completed and submitted every two years; however, agencies may engage in planning on a continual basis and may adjust plans internally as changing conditions dictate.

Conceptual Framework

Strategic planning is a long-term, iterative, and future-oriented process of assessment, goal setting, and decision-making that maps an explicit path between the present and a vision of the future. It includes a multiyear view of objectives and strategies for the accomplishment of agency goals. Clearly defined outcomes and outputs provide feedback that leads to program performance that influences future planning, resource allocation, and operating decisions. The strategic planning process incorporates and sets direction for all agency operations.

A Strategic Plan is a formal document that communicates an agency's goals, directions, and outcomes to various audiences, including the Governor and the Legislature, client and constituency groups, the general public, and the agency's employees. The Strategic Plan serves as the starting point for developing the agency's budget structure, which will be used for an appropriations request for how fiscal resources will be allocated.

Purposes of Strategic Planning

The ultimate goal of strategic planning is to anticipate and accommodate the future by identifying issues, opportunities, and problems. Strategic planning for Texas state government serves a number of distinct, though interrelated, purposes:

- to establish *statewide direction* in key policy or functional areas to move away from crisis-driven decision-making;
- to provide a starting point for *aligning resources* in a rational manner to address the critical issues facing the state now and in the future;
- to make state government *more responsive* to the needs of Texans by placing greater emphasis on benefits and results than on simply service efforts and workload;
- to *bring/focused issues to* policymakers for review and debate;
- to provide a context to *link* the budget process and other legislative processes with priority issues, and to improve *accountability* for the use of state resources;
- to establish a means of *coordinating* the policy concerns of public officials with implementation efforts and to build interagency, intergovernmental, and *public/private/nonprofit partnerships;* and
- to provide a forum for communication between service providers and the constituents they serve.

The performance measures adopted by health related institutions are included following the actual UTMDACC Performance Measure Report submitted annually to the Legislative Budget Board. The performance measures are in the order of the submission to the Legislative Budget Board.

F.1 MD Anderson Performance Measures Reported to the Legislative Budget Board*

Performance Measure	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Total number of outpatient visits	1,363,008	1,440,684	1,404,329	1,441,403	1,458,076
Total number of inpatient days	202,636	202,483	198,080	202,411	207,071
Net revenue as a percent of gross revenues	51.32%	51.58%	49.73%	48.89%	49.29%
Net revenue per equivalent patient day	4,483.74	4,733.62	4,689.28	4,889.49	5,310.08
Operating expenses per equivalent patient day	3,776.00	3,837.72	4,269.33	4,102.10	4,217.92
Personnel expenses as a percent of operating expenses	58.08%	67.80%	57.03%	57.67%	55.98%
Total number of residents	166	169	156	153	153
Minority residents as a percent of total residents	7.23%	5.92%	8.97%	10.46%	13.73%
Percent of residency completers practicing in Texas	42.00%	38.00%	33.00%	29.00%	31.00%
Total uncompensated charity care provided in state facilities (costs)	130,077,190	106,306,319	213,856,290	102,467,082	86,801,215
State support for patient care as a percent of estimated cost of uncompensated care	95.15%	116.43%	61.91%	129.21%	152.53%
Administrative cost as a percent of total expenditures	7.72%	3.10%	2.87%	2.95%	2.87%
Outpatient-related charges as a percent of all charges by faculty	78.43%	71.57%	71.34%	72.47%	72.46%
Percent of charges to managed care contracts by faculty	57.87%	53.10%	53.55%	54.88%	55.49%
Total external research expenditures	406,622,738	447,077,363	451,384,835	539,621,032	536,090,747
External research expenditures as percent of total state appropriations	16.39%	17.06%	15.87%	19.26%	18.34%
External research expenditures as percent of state appropriations for research	3241.21%	3254.59%	3598.02%	3928.28%	3958.12%
Value of lost or stolen property	260,000	203,169	204,118	247,808	N/A
Lost or stolen property as a percent of total inventoried property lost or stolen	0.11%	0.04%	0.06%	0.08%	N/A
Allied health enrollment	318	317	339	357	381
Percent of allied health graduates passing the certification/licensure exam on the first attempt	90.00%	90.00%	90.00%	90.00%	90.00%
Percent of allied health graduates licensed or certified in Texas	90.00%	90.00%	90.00%	100.00%	100.00%
Graduate Training in Biomedical Sciences *MD Anderson students attending GSBS; from GSBS Data Tables*	384	350	309	295	286
Total Number of Post-doctoral Trainees *Number not reported to LBB; from MD Anderson Trainee Support Services*	730	774	775	756	769
Total Number of Research Trainees	1,853	1,890	1,847	1,779	1,791

** Courtesy of Tomas Guajardo, Executive Director of State and System Reporting*

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F.2 Health Related Institutions Performance Measures Definitions

Total Number of Outpatient Visits

Definition: A "patient visit" occurs when an individual receives health care services from institutional faculty, post-graduate trainees, or pre-doctoral dental students at a hospital or clinic, affiliated with, contracted with, or owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. An "outpatient visit" occurs when the individual receives health care services, including emergency room services, but is not admitted to a hospital bed. One patient who initially visits an emergency room and is then referred to and receives health care services from another affiliated, or contracted, or owned outpatient facility would be counted as two outpatient visits. The definition includes visits to both on-site (on the premises of the hospital or institution) and off-site outpatient facilities. It includes outpatient visits previously reported as a separate measure under the Dental School.

Data Limitations: Some outpatient visits are not recorded, resulting in potential underreporting of this institutional volume indicator.

Data Source: Hospitals and clinics affiliated with, contracted with, or owned, operated, and funded by the health-related institutions will collect this data. To the extent possible, data should be gathered from the institutions' patient accounting, patient registration or medical records information systems.

Methodology: The total number of outpatient visits during the fiscal year. To the extent possible, the total should exclude outpatient visits associated with health care providers who are not employed by the institution but may teach residents and students.

Purpose/Importance: This measure is an indicator of the number of outpatients who are treated and not admitted to a hospital bed (inpatient).

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year. In some cases, affiliated institutions will provide year-end data which reflect different reporting periods.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

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Total Number of Inpatient Days

Definition: An "inpatient day" occurs when an individual, who is admitted by institutional faculty, or post-graduate trainee, occupies a hospital bed at the time that the official census is taken at each hospital affiliated with, contracted with, or owned, operated, and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. One patient occupying one room for two nights would be counted as two inpatient days.

Data Limitations: None.

Data Source: Hospitals affiliated with, contracted with, or owned, operated, and funded by the health-related institutions will collect this data. This data should be gathered from the hospitals' patient accounting, patient registration or medical records information systems.

Methodology: The total number of inpatient days during a fiscal year. To the extent possible, the total should exclude outpatient visits associated with health care providers who are not employed by the institution but may teach residents and students.

Purpose/Importance: This measure is an indicator of the number of inpatient days provided by an affiliated hospital.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year. In some cases, affiliated institutions will provide year-end data which reflect different reporting periods.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Net Revenue as a Percent of Gross Revenues

Definition: "Net revenue" is the total dollar amount of gross patient charges, less un-sponsored charity care, bad debts, contractual allowances and other deductions, earned by hospitals and clinics owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period.

Data Limitations: None.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' accounting information system.

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Methodology: The dollar amount of net revenue during the fiscal year, divided by the total dollar amount of gross patient charges during the fiscal year.

Purpose/Importance: This measure is an indicator of the net revenue generated by state- owned hospitals or clinics.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Net Revenue per Equivalent Patient Day

Definition: The dollar amount of net revenue per inpatient day adjusted for equivalent outpatient activity provided in hospitals and clinics owned, operated and funded by a health related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. "Net revenue" is gross patient charges, less un-sponsored charity care, bad debts, contractual allowances and other deductions. "Equivalent patient days" is the combination of (actual) patient days for inpatient revenue and the calculated (equivalent) patient days for outpatient revenue.

Data Limitations: While commonly used by hospitals to evaluate cost per unit of performance, significant differences in the mix of outpatients against inpatients can make comparisons between hospitals difficult. Furthermore, reimbursement methodologies employed by payors are often significantly different for inpatient and outpatient care, complicating inter-institutional comparisons, and even year-to-year comparisons of the single institution.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' accounting information system.

Methodology: The dollar amount of net revenue during the fiscal year, divided by equivalent patient days during the fiscal year.

Purpose/Importance: This measure is an indicator of the net revenue generated per patient day.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

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Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Operating Expenses per Equivalent Patient Day

Definition: The dollar amount of operating expenses per inpatient day adjusted for equivalent outpatient activity provided in hospitals and clinics owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. "Equivalent patient days" is the combination of (actual) patient days for inpatient revenue and the calculated (equivalent) patient days for outpatient revenue.

Data Limitations: None.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' accounting information system.

Methodology: The dollar amount of operating expenses during the fiscal year, divided by equivalent patient days during the fiscal year.

Purpose/Importance: This measure is an indicator of the amount of operating expenditures per patient day.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New *Measure*: No.

Desired Performance: Higher than target.

Personnel Expenses as a Percent of Operating Expenses

Definition: The dollar amount of personnel expenses as a percentage of total operating expenses in hospitals and clinics owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. "Personnel expenses" are full-time and part-time employee's salaries and all related employee benefits plus expenses for contracted labor.

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Data Limitations: None.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' accounting information system.

Methodology: The dollar amount of personnel expenses during the fiscal year, divided by the total dollar amount of operating expenses during the fiscal year.

Purpose/Importance: This measure is an indicator of the proportion of the operating budget expended on personnel expenses.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Total Number of MD or DO Residents

Definition: M.D. or D.O. filled positions at any level in ACGME or AOA accredited residency programs including sub-specialty programs as of July 1 of the current calendar year. Do not include physicians undertaking post-residency training that is not considered to be part of the accredited residency program. Do not include podiatry residents.

Data Limitations: None.

Data Source: Institutional records.

Methodology: The total number of residents as of September 1 of the current calendar year.

Purpose/Importance: Long-term data of this measure can be analyzed to evaluate trends in the number of residents in Texas medical schools.

Reporting Period: This measure is reportable in November and represents the results of data compiled as of September 1 of the current calendar year.

Calculation Type: Non-cumulative.

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New Measure: Yes.

Desired Performance: Higher than target.

Minority M.D. and D.O. Residents as a Percent of Total M.D. or D.O. Residents

Definition: M.D. or D.O. residents as of July 1 of the current calendar year who identify themselves as Hispanic (all categories), Black, American-Indian, or Alaskan Native. The definition includes permanent residents of the U.S. but excludes non-U.S. residents and Asian-Americans.

Data Limitations: None.

Data Source: Institutional records.

Methodology: The number of minority residents as of July 1 of the current calendar year, divided by the total number of residents as of July 1 of the current calendar year.

Purpose/Importance: This measure is an indicator of the effectiveness of the institution's efforts to attract minorities to its post-graduate residency training programs.

Reporting Period: This measure is reportable in November and represents the results of data compiled as of July 1 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Percent of Medical Residency Completers Practicing in Texas

Definition: The percentage of physicians who are practicing medicine at a Texas address two years after completing an institutionally-affiliated and accredited residency training program in Texas as of August 31 of the current calendar year.

Data Limitations: The decision of practice location by a physician who completes a residency training program at the University of Texas MD Anderson Cancer Center is not controlled by the institution.

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Data Source: Licensure and practice data provided by the Texas State Board of Medical Examiners to the reporting institution.

Methodology: The number of physicians who are practicing medicine in Texas two years after completing training in Texas as of August 31 of the current calendar year, divided by the total number of physicians who completed training in Texas two post-graduate years prior.

Purpose/Importance: This measure is an indicator of the number of physicians trained in Texas who remain in the state to practice medicine.

Reporting Period: This measure is reportable in November and represents the calculation of results compiled as of August 31 of the current calendar year for residents completing training two post-graduate years prior. (e.g., results as of August 31, 1998 for resident completing training during the 1996 post-graduate year.)

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Total Gross Patient Charges for Un-sponsored Charity Care Provided in State Facilities

Definition: The total dollar amount of gross patient charges for un-sponsored charity care provided in hospitals and clinics owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. Use the definition of un-sponsored charity care included in Article III, Special Provisions of the General Appropriations Act, that coincides with the reporting period.

Data Limitations: Annual charges include inflationary adjustments that make year-to-year comparisons difficult. Furthermore, changes in charity assignment and accounting policies may impact this measure. Additionally, changes in economic conditions and private and government insurance availability may increase or decrease the total number of patients needing care funded by charity.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. The total should be consistent with the total reported in Schedule C-1A of the institution's Annual Financial Report.

Methodology: The total dollar amount of gross patient charges for un-sponsored charity care provided during the fiscal year. Do not include faculty practice plan charges.

Purpose: This measure identifies the total un-sponsored charity care provided in the hospital and clinics of the institution.

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Total Uncompensated Care Provided in State-owned Facilities

Definition: The total dollar amount of uncompensated care provided in hospitals and clinics owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. Use the definition of uncompensated care included in Article III, Special Provisions of the General Appropriations Act, that coincides with the reporting period.

Data Limitations: Changes in charity assignment and accounting policies may impact this measure. Additionally, changes in economic conditions and private and government insurance availability may increase or decrease the total number of patients needing care funded by charity.

Data Source- Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. The total should be consistent with the total reported in Schedule C-1A of the institution's Annual Financial Report.

Methodology: The total dollar amount of uncompensated care provided during the fiscal year. Do not include faculty practice plan.

Purpose: This measure identifies the total uncompensated care provided in the hospital and clinics of the institution.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: Yes.

Desired Performance: Higher than target.

Total Gross Patient Charges for Un-sponsored Charity Care Provided by Faculty

Definition: The total dollar amount of gross patient charges for un-sponsored charity care provided through faculty physician practice plans (i.e., PRS, MSRDP, PIP) during the reporting period. Use the definition of un-sponsored charity care included in Article III, Special Provisions of the General Appropriations Act that coincides with the reporting period. If an institution chooses to use a statistical sample in determining indigent care status as allowed under this definition, the sample methodology must be: (1) consistent with the methodology used by all other academic health centers; and (2) pre-filed with the Legislative Budget Board and the Governor's Office of Budget and Planning. The State Auditor will not certify the measure unless the methodology meets these two

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qualifications. The definition applies to charges by all practice plans, including medical, dental, allied health, nursing or other health care discipline.

Data Limitations: Annual charges include inflationary adjustments that make year-to-year comparisons difficult. Furthermore, changes in charity assignment and accounting policies may impact this measure. Additionally, changes in economic conditions and private and government insurance availability may increase or decrease the total number of patients needing care funded by charity.

Data Source: Annual Financial Report, Schedule D-6.

Methodology: The total dollar amount of gross patient charges for un-sponsored charity care provided during the fiscal year. Do not include facility charges.

Purpose: This measure identifies the total un-sponsored charity care provided by the faculty of the institution through the practice plan.

Total Uncompensated Care Provided by Faculty

Definition: The total dollar amount of uncompensated care provided through faculty physician practice plans (i.e., PRS, MSRDP, PIP) during the reporting period. Use the definition of uncompensated care included in Article III, Special Provisions of the General Appropriations Act that coincides with the reporting period. The definition applies to all practice plans, including medical, dental, allied health, nursing or other health care discipline.

Data Limitations- Changes in charity assignment and accounting policies may impact this measure. Additionally, changes in economic conditions and private and government insurance availability may increase or decrease the total number of patients needing uncompensated care.

Data Source: Annual Financial Report, Schedule D-6.

Methodology: The total dollar amount of uncompensated care provided during the fiscal year. Do not include facility.

Purpose: This measure identifies the total uncompensated care provided by the faculty of the institution through the practice plan.

Reporting Period: This measure is reportable in November.

Calculation Type: Non-cumulative.

New Measure: Yes

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Desired Performance: Higher than target.

State Support for Patient Care as a Percent of Un-Sponsored Charity Care

Definition: Total dollar amount of General Revenue Fund appropriations expended for patient care in hospitals and clinics owned, operated and funded by a health-related institution as a percentage of un-sponsored charity care provided during the reporting period. Use the definition of un-sponsored charity care included in Article III, Special Provisions of the General Appropriations Act that coincides with the reporting period.

Data Limitations: Changes in charity assignment and accounting policies may impact this measure. Additionally, changes in economic conditions and private and government insurance availability may increase or decrease the total number of patients needing care funded by charity.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' accounting information system.

Methodology: Total dollar amount of the General Revenue Fund appropriations expended for patient care during the fiscal year, divided by the total gross charges for un-sponsored charity care provided during the fiscal year.

Purpose: This measure indicates the proportionality of the state contribution to the cost of providing patient care at the institution to the total gross charges for un-sponsored charity care.

State General Revenue Support for Uncompensated Care as a Percent of the estimated cost of Uncompensated Care

Definition: Total dollar amount of General Revenue Fund appropriations expended for Uncompensated Care in hospitals and clinics owned, operated and funded by a health- related institution as a percentage of the estimated cost of Uncompensated Care provided during the reporting period. The definition of estimated cost of Uncompensated Care is that which is included in Article III, Special Provisions of the General Appropriations Act, that coincides with the reporting period.

Data Limitations: Changes in charity assignment and accounting policies may impact this measure. Additionally, changes in economic conditions and private and government insurance availability may increase or decrease the total number of patients needing care funded by charity.

Data Source: Hospitals and clinics owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' accounting information system.

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Methodology: Total dollar amount of the General Revenue Fund appropriations expended for patient care during the fiscal year, divided by the total uncompensated care provided during the fiscal year.

Purpose: This measure indicates the proportionality of the state contribution to the cost of providing patient care at the institution to the total uncompensated care.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: Yes.

Desired Performance: Higher than target.

Administrative Cost as Percent of Total Expenditures

Definition: The dollar amount of expenditures for Institutional Support as a percentage of Total Current Funds expenditures, excluding auxiliary enterprises and the results of service department operations during the reporting period. "Institutional Support" includes costs associated with executive management, fiscal operations, general administration and logistical services, administrative computing support, and public relations/development as defined by the National Association of College and University Business Officers.

Data Limitations: Determination of certain administrative expenses is made by a judgment of primary purpose, and is therefore subjective in interpretation.

Data Source: Institutional records and the Annual Financial Report.

Methodology: The amount of Institutional Support Expenses divided by the Total Expenses, excluding auxiliary enterprises and the results of service department operations.

Purpose/Importance: This measure is an indicator of the proportion of the operating budget expended on administrative costs.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

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Desired Performance: Lower than target.

Outpatient-related Charges as a Percent of All Charges by Faculty

Definition: The dollar amount of gross patient charges provided by faculty to outpatients as a percentage of the total dollar amount of gross patient charges provided by faculty to all patients seen in a hospital or clinic affiliated with, contracted with, or owned, operated and funded by a health-related institutions (including the Texas Department of Criminal Justice Hospital) during the reporting period. An outpatient is an individual receiving health care services, including emergency room services, but is not admitted to a hospital bed. The dollar amount should include charges for both on-site (on the premises of the hospital or institution) and off-site clinic activities.

Data Limitations: None.

Data Source: Hospitals and clinics affiliated with, contracted with, or owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' patient accounting information system.

Calculation: The dollar amount of gross outpatient-related charges during the fiscal year, divided by the total dollar amount of gross patient charges during the fiscal year. Do not include facility charges.

Purpose: This measure is an indicator of the amount of services provided on an outpatient basis.

Percent of Patient Charges to Managed Care Contracts by Faculty

Definition: The dollar amount of gross patient charges by faculty provided to patients whose third-party insurance is with a managed care company as a percentage of total gross patient care changes by faculty during the reporting period. "Patients" are individuals who are seen or admitted by institutional faculty, or post graduate trainees, in a hospital or clinic affiliated with, contracted with or owned, operated, and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. A managed care company is defined as any HMO or PPO that has contracted to reimburse a hospital or clinic for less than billed charges. The definition includes contracts with Medicare and Medicaid HMOs but excludes traditional Medicare and Medicaid. The definition also includes contracts on correctional managed health care.

Data Limitations: None.

Data Source: Hospitals and clinics affiliated with, contracted with, or owned, operated and funded by the health-related institutions will collect this data. This data should be gathered from the institutions' patient accounting information system.

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Calculation: The dollar amount of gross managed care-related charges during the fiscal year, divided by the total dollar amount of gross patient charges during the fiscal year. Do not include facility charges.

Purpose: This measure is an indicator of the percent of patients of an affiliated hospital or clinic who are enrolled in a managed care plan.

Total External Research Expenditures

Definition: The total expenditures for the conduct of research and development from external sources during the reporting period. The definition excludes expenditures of dollars appropriated directly to the institution or state funds transferred from other state agencies and institutions (e.g., Advanced Research or Advanced Technology Program Funds) or institutionally-controlled funds. The exclusion of "expenditures of dollars appropriated directly to the institution" applies to both general revenue funds and local funds. The total may include indirect costs and fringe benefits.

Data Limitations: None.

Data Source: Institutional records and the Survey of Research Expenditures.

Methodology: The total dollar amount of expenditures for the conduct of research and development from external sources during the fiscal year. The total should equal the sum of federal and private expenditures for the conduct of research and development that is reported to the Texas Higher Education Coordinating Board in the Survey of Research Expenditures.

Purpose/Importance: This measure is an indicator of the level of research dollars generated and of the scope of the institution's research mission.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

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External Research Expenditures as Percent of Total State Appropriations

Definition: The total expenditures for the conduct of research and development from external sources as defined by Outcome Measure R-1 as a percentage of total expenditures of dollars appropriated directly to the institution during the reporting period. "Dollars appropriated directly to the institution" includes both general revenue funds and local funds. It excludes appropriated funds transferred from other state agencies and institutions.

Data Limitations: None.

Data Source: Institutional records and the Survey of Research Expenditures.

Methodology: The dollar amount of expenditures for the conduct of research and development from external sources during the fiscal year, divided by the total expenditures of dollars appropriated directly to the institution during the fiscal year.

Purpose/Importance: This measure is an indicator of the proportion of the institution's expenditures on research.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

External Research Expenditures as a Percent of State Appropriations for Research

Definition: The total expenditures for the conduct of research and development from external sources as defined by Outcome Measure R-1 as a percentage of total research dollars appropriated directly to the institution during the reporting period. Dollars appropriated directly to the institution" includes both general revenue funds and local funds. It excludes appropriated funds transferred from other state agencies and institutions.

Data Limitations: None.

Data Source: Institutional records and the Survey of Research Expenditures.

Methodology: The dollar amount of expenditures for the conduct of research and development from external sources during the fiscal year, divided by the total expenditures of dollars appropriated directly to the institution during the fiscal year.

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Purpose/Importance: This measure is an indicator of the proportion of the institution's expenditures on research.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Value of Lost or Stolen Property

Definition: The total net book value of inventoried property that is reported to the Comptroller of Public Accounts as lost or stolen for the fiscal year being reported.

Data Limitations: None.

Data Source: Institutional data files and State Property Accounting System reports.

Methodology: The total net book value of inventoried property reported as lost or stolen (SPA codes 17, 18, 20, or 21) during the fiscal year. Net book value is defined as historical cost [plus or minus any appropriate increases or reductions in value] less accumulated depreciation.

Purpose/Importance: This measure is an indicator of the value of property lost or stolen during a fiscal year.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Lower than target.

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Percent of Property Lost or Stolen

Definition: The percent of the total net book value of inventoried property that is reported to the Comptroller of Public Accounts as lost or stolen for the fiscal year being reported.

Data Limitations: None.

Data Source: Institutional data files and State Property Accounting System (SPA) records.

Methodology: The total net book value of property reported as lost or stolen (SPA codes 17, 18, 20, or 21) during the fiscal year divided by the total depreciated cost of inventoried property at the end of the fiscal year being reported. Net book value is defined as historical cost [plus or minus any appropriate increases or reductions in value] less accumulated depreciation.

Purpose/Importance: This measure is an indicator of the magnitude of property lost or stolen during a fiscal year.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of data compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Lower than target.

Allied Health Enrollment

Definition: Students enrolled in Coordinating Board-approved allied health degree or certificate programs during the reporting period.

Data Limitations: None.

Data Source: Office of the Registrar at the reporting institution.

Methodology: The total unduplicated number of students enrolled on the official census day of each semester of the academic year.

Purpose: This measure indicates the number of students enrolled in the allied health school at the institution. Long-term data can be analyzed to evaluate trends in allied health enrollment.

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Percent of Allied Health Graduates Passing Certification/Licensure Examination on the First Attempt

Definition: Allied health graduates or eligible students in a discipline that offers or requires an external certification or licensure who pass the examination on the first attempt during the reporting period.

Data Limitations: None.

Data Source: Records of licensure exam performance provided by the applicable licensing/certifying agencies to the reporting institution. Those records may be supplemented by information provided directly by graduates.

Methodology: The number of graduates or eligible students who pass an external examination on the first attempt during the fiscal year, divided by the total number of graduates or eligible students taking an external examination for the first time during the fiscal year.

Purpose/Importance: This measure is an indicator of the effectiveness of the institution's instructional program in preparing graduates for licensure.

Reporting Period: Fiscal year. This measure is reportable in November and represents the calculation of results compiled from September 1 of the previous calendar year through August 31 of the current calendar year.

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

Percent of Allied Health Graduates Licensed or Certified in Texas

Definition: Allied health graduates in a discipline that offers or requires an external certificate or licensure who are licensed or certified to practice in Texas two years after completing their certificate or degree programs as of August 31 of the current calendar year.

Data Limitations: None.

Data Source: Records of licensure status provided by the applicable licensing/certifying agencies to the reporting institution. Those records may be supplemented by information provided directly by graduates.

Methodology: The number of graduates who are licensed or certified to practice in Texas two years after completing their degrees as of August 31 of the current calendar year, divided by the total number of graduates in a discipline that offers or requires an external certificate or licensure two academic years prior.

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Purpose/Importance: This measure is an indicator of the number of allied health school graduates who remain in Texas to practice.

Reporting Period: This measure is reportable in November and represents the calculation of results compiled as of August 31 of the current calendar year for graduates during the previous academic year. (e.g., results as of August 31, 1999 for graduates during the 1998 academic year.)

Calculation Type: Non-cumulative.

New Measure: No.

Desired Performance: Higher than target.

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F.3 Definitions of Performance Measures Not Submitted to the Legislative Budget Board

Graduate School of Biomedical Sciences (GSBS) Students - This is the number of students that have an advisor from MD Anderson. Currently the UTHSC-H reports all GSBS students. MD Anderson does not report their students to prevent duplication of numbers.

Postdoctoral Fellow/Trainee - Any individual holding a Ph.D. or the equivalent degree required for the research position held. A Postdoctoral Fellow usually works with a mentor for three, but no more than 6 years.

Research Trainee - A broad category that includes Interns/students/graduate students holding a Bachelor's degree or higher who may be from an external institution or enrolled in an advanced educational program and are at MDACC to acquire practical experience or to receive academic credit from their sponsoring institution.

F.4 Explanation for Significant Variances in Legislative Budget Board Measures

TOTAL # MD OR DO RESIDENTS:
Explanation of Variance: The total actual residents for 2019 was lower than the target due to lack of funding. The MD Anderson Department of Clinical Education did not receive any additional funding to support new positions.

TOTAL # OUTPATIENT VISITS:
During FY 2016, the institution embarked on one of its largest clinical and business transformations: the Electronic Health Record (EHR) OneConnect effort. The optimization of the EHR returned the institution to pre-implementation productivity levels, however slightly below the target.

MINORITY ADMISSIONS AS % 1ST-YEAR:
Minority admission as a percent of first year increased and is above target.

% STUDENTS RECEIVING FINANCIAL AID:
Slightly lower than FY 2018, but higher than FY 2017.

MINORITY RESIDENTS AS % TOTAL:
Slightly lower than FY 2018, but higher than FY 2017.

% ALLIED HEALTH GRADS LICENSED – TX:
Our graduates exceeded the target for passing board certifications. Students need this certification to practice in Texas.

% RESID COMPLETERS PRACTICE IN TX:
The rate increases as compared to last year and is slightly higher than the target.

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TOTAL UNCOMPENSATED CARE PROV. FAC.:
The variance resulted from the shift in the payor mix - with Medicare increasing as compared to the prior year.

TTL UNCOMP. CARE PROV. ST. FACILITY: MDACC experienced a decrease in the actual Uncompensated Care, as compared to the Technical related target. Of the three areas comprising Technical related UCC, I.e. Medicare, Medicaid and Indigent, the decrease was mainly related to Medicare.

TOTAL EXTERNAL RESEARCH EXPENDITURE: Increasing research expenditures for the institution. The FY 2019 amount represents a 1.6% increase to that reported in FY 2018.

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F.5 The University of Texas MD Anderson Cancer Center Accountability Report

Degrees and Certificates Awarded

Degrees and certificates awarded for students at public 4-year institutions. Percent change is from first to last year displayed.

	2017 Count	2018 Count	2019 Count	Percent Change
Total	154	169	173	12.3 %
Certificate				
Associate				
Bachelor's	144	139	159	10.4 %
Master's	10	30	14	40.0 %
Doctoral Research Scholarship				
Doctoral Professional Practice				

Degrees and Certificates Awarded (Economically Disadvantaged)

Economically disadvantaged undergraduates receiving a Certificate, Associate Degree or Bachelor's Degree. Percent change is from first to last year displayed.

	2017 Count	2018 Count	2019 Count	Percent Change
Undergraduates Receiving an Award	75	73	85	13.3 %

Fall Headcount

Fall headcount including dual credit students and not including fall flex students. Percent change is from first to last year displayed.

	2017 Count	2018 Count	2019 Count	Percent Change
Total	357	376	376	5.3 %
Male	106	92	86	-18.9 %
Female	251	284	290	15.5 %
Total	357	376	376	5.3 %
White	84	94	106	26.2 %
African American	42	28	24	-42.9 %
Hispanic	108	122	119	10.2 %
Asian	86	90	79	-8.1 %
International	25	31	37	48.0 %
Other	12	11	11	-8.3 %

Completion by Selected Program Area

Completion by selected professional practice areas. Percent change is from first to last year displayed.

	2017 Count	2018 Count	2019 Count	Percent Change
Total				
Pharmacy				
Dental				
Medical				
Audiology				

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Working or Enrolled in Texas within One Year after Award

Students found working or enrolled in Texas within one year after earning a degree or certificate. Note that this measure was revised to match the 60x30TX state strategic plan. Percentage point change is from first to last year displayed.

	2016		2017		2018		Point Change
	Count	Percent	Count	Percent	Count	Percent	
Total	101	72.7 %	96	66.7 %	124	77.5 %	4.8
Working Only	92	66.2 %	88	61.1 %	111	69.4 %	3.2
Enrolled Only	3	2.2 %	3	2.1 %	4	2.5 %	0.3
Working and Enrolled	6	4.3 %	5	3.5 %	9	5.6 %	1.3

Undergraduate Student Debt as Percentage of First Year Wage

Median of undergraduate student loan debt as a percentage of first year wage for graduates of Texas public institutions. Point change is from first to last year displayed.

	2015	2016	2017	Point Change
	Pct	Pct	Pct	
Median	48.74 %	43.63 %	34.92 %	-0.1382

Percent of Undergraduates Completing with Debt

Percent of undergraduate students earning an associate or bachelor's degree with student loan debt. Percentage point change is from first to last year displayed.

	2017	2018	2019	Point Change
	Pct	Pct	Pct	
Associate				0.0
Bachelor's	56.64 %	51.80 %	40.51 %	-16.1
Total	56.64 %	51.80 %	40.51 %	-16.1

Tuition and Fees

Average cost of mandatory tuition and fees charged a student taking 30 semester credit hours. Percent change is from first year to last year displayed.

	2018	2019	2020	Percent Change
	Amount	Amount	Amount	
Average Tuition and Fees	$5,274	$5,637	$5,851	10.9 %

Resident Physicians in Accredited Programs

M.D. or D.O. filled positions in the Accreditation Council for Graduate Medical Education (ACGME) or American Osteopathic Association (AOA) accredited residency programs. Percent change is from first to last year displayed.

	2018	2019	2020	Percent Change
	Count	Count	Count	
Funded ACGME/AOA Resident Physicians (Total for years 1-7)	151	147	151	0.0 %

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Primary Care Residents

Number of primary care resident positions filled.

	2017	2018	2019	Percent Change
No data available in table.				

Physicians Practicing in Texas

Percentages of medical school graduates and residency completers practicing in Texas. Percent change is from first to last year displayed. State-level data not available for this measure.

	2017	2018	2019	Percent Change
	Pct	Pct	Pct	
% Medical School Graduates				
% Med Grads Entering Prim Care Res				
% of Med Residency Completers	29.00 %	31.00 %	40.00 %	37.9 %

Students Receiving Pell Grants

Fall undergraduate students receiving a Pell grant as reported in THECB's Financial Aid Database. Percentage point change is from first to last year displayed.

	2016		2017		2018		Point Change
	Count	Percent	Count	Percent	Count	Percent	
Pell	108	34.0 %	112	34.9 %	108	30.3 %	-3.7
No Pell	210	66.0 %	209	65.1 %	248	69.7 %	3.7

Graduation Rates for Graduate Programs

Students in medical professional practice receiving a doctorate degree within five years. Percentage point change is from first to last year displayed.

	2017			2018			2019			Point Change
	Entering Fall Cohort	Count	Percent	Entering Fall Cohort	Count	Percent	Entering Fall Cohort	Count	Percent	
Pharmacy										
* Graduated with Doctorate										
* Did not graduate										
Dental										
* Graduated with Doctorate										
* Did not graduate										
Medical										
* Graduated with Doctorate										
* Did not graduate										

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Graduation Rates for Master's Programs

Master's students receiving a master's degree within five years. Percentage point change is from first to last year displayed.

	2017			2018			2019			Point Change
	Entering Fall Cohort	Count	Percent	Entering Fall Cohort	Count	Percent	Entering Fall Cohort	Count	Percent	
Master's										
* Graduated with Master's										
* Did not graduate										

Graduation Rates for Doctoral Programs

Doctoral students receiving a doctorate within ten years. Percentage point change is from first to last year displayed.

	2017			2018			2019			Point Change
	Entering Fall Cohort	Count	Percent	Entering Fall Cohort	Count	Percent	Entering Fall Cohort	Count	Percent	
Doctoral										
* Graduated with Doctorate										
* Graduated with Master's										
* Did not graduate										

Certification and Licensure Pass Rates

State-level data not available for this measure. Percentage point change is from first to last year displayed.

	2017	2018	2019	Point Change
	Pct	Pct	Pct	
Nursing				0.0
Allied Health	90.00 %	90.00 %	93.50 %	3.5
Medical				0.0
Dental				0.0
Pharmacy				0.0

Average Debt of Graduates with Loans

Each student's debt at time of receiving an applicable degree, based on the highest degree earned. Percent change from first year to last year displayed.

	2017	2018	2019	Percent Change
	Amount	Amount	Amount	
Same	$25,743	$24,706	$23,680	-8.0 %
Other	$26,931	$21,401	$22,797	-15.4 %
Total	$26,476	$22,916	$23,225	-12.3 %

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Outpatient Visits

Number of Outpatient Visits.

	2017	2018	2019	Percent Change
Number of Outpatient Visits	1,441,403	1,458,076	1,547,197	7.3 %

Inpatient Days

Number of Inpatient Days

	2017	2018	2019	Percent Change
Number of Inpatient Days	202,411	207,071	218,217	7.8 %

Federal and Private Research Expenditures per Research FTE Faculty

Federal and private research expenditures divided by the number of fall tenured/tenure-track full-time-equivalent faculty (ranks 1-5) with research responsibilities. Percent change is from first to last year displayed.

	2017	2018	2019	Percent Change
	Amount	Amount	Amount	
Federal and Private Research Expenditures per Research FTE faculty	$816,278	$843,865	$867,083	6.2 %

Research Expenditures by Source of Funds

Total research expenditures by source of funds (federal, state, institutional, and private). Percent change is from first to last year displayed. Peer groups displayed as an average.

	2017	2018	2019	Percent Change
	Amount	Amount	Amount	
Total	$839,432,768	$857,950,511	$895,748,758	6.7 %
Federal	$166,551,539	$173,899,855	$179,497,413	7.8 %
State Appropriations	$255,960,301	$259,701,431	$258,021,660	0.8 %
Institutional	$98,048,243	$111,338,720	$137,420,189	40.2 %
Private	$318,872,685	$313,010,505	$320,809,496	0.6 %

Faculty Headcount by Race/Ethnicity and Gender

Fall faculty by total, race/ethnicity and gender. Percent change is from first to last year displayed.

	2016		2017		2018		Percent Change
	Count	Percent	Count	Percent	Count	Percent	
Total	2,353	100.0 %	2,347	100.0 %	2,320	100.0 %	-1.4 %
Male	1,432	60.9 %	1,436	61.2 %	1,414	60.9 %	-1.3 %
Female	921	39.1 %	911	38.8 %	906	39.1 %	-1.6 %
Total	2,353	100.0 %	2,347	100.0 %	2,320	100.0 %	-1.4 %
White	1,079	45.9 %	1,109	47.3 %	1,103	47.5 %	2.2 %
African American	73	3.1 %	71	3.0 %	75	3.2 %	2.7 %
Hispanic	151	6.4 %	150	6.4 %	156	6.7 %	3.3 %
Asian	775	32.9 %	784	33.4 %	788	34.0 %	1.7 %
International	216	9.2 %	168	7.2 %	127	5.5 %	-41.2 %
Other	59	2.5 %	65	2.8 %	71	3.1 %	20.3 %

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Total Uncompensated Care Provided by Faculty

The total dollar amount of uncompensated care provided through faculty physician practice plans (i.e. PRS, MSRDP, PIP). Percent change is from first to last year displayed.

	2017	2018	2019	Percent Change
	Amount	Amount	Amount	
Total Uncompensated Care	$76,907,485	$83,573,013	$88,716,569	15.4 %

The University of Texas MD Anderson Cancer Center
Health-Related Accountability Measures and Definitions
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F.6 Health Related Accountability Measures and Definitions

COMPLETION - KEY MEASURES

C01UH - Degrees and Certificates Awarded
Definition: Number of certificates, associate degrees, bachelor's (baccalaureate) degrees, master's degrees, doctoral degrees (doctoral research scholarship), and professional (doctoral professional practice)degrees awarded by Texas public institutions of higher education. Certificates are lower-level undergraduate certificates. Note that this measure includes doctoral degrees (doctoral research scholarship) and professional (doctoral professional practice) degrees when reported for individual sectors; however, doctoral and professional degrees are not included for tracking progress toward the 60x30TX statewide completion goal. Source: CMB009

C01UH- Degrees and Certificates Awarded (Econ Dis)
Definition: Number of undergraduates who received a certificate, associate degree, or bachelor's (baccalaureate) degree from a Texas public institution of higher education. Certificates are lower-level undergraduate certificates. Economically disadvantaged students are those receiving Pell at any time (from 1997 through the most current fiscal year data is available). Source: CMB009, Financial Aid Database System (FADS)

C04UHC - Enrollment
Definition: Number of students enrolled in fall at a Texas public institution. Dual credit students are included (if dual credit is offered);flex entry students are not included. Source: CBM001

C05H - Completion by Selected Program Area
Definition: Number of degrees for selected levels awarded by specialty, including Pharmacy, Dental, Medical, Audiology, Physical Therapy, and Nursing Practice. Source: CMB009

COMPLETION - CONTEXTUAL MEASURES

C08UH - Students Receiving Pell Grants
Definition: Percentage and number of undergraduate students who received any amount of Pell Grant as reported in the THECB financial aid database (FADS). Matches the fall undergraduate enrollment by valid Social Security Number (SSN) to FADS and includes all students who received a Pell Grant at any time in the academic year. The percentage reported is the number of Pell grant students divided by the fall undergraduate enrollment. Source:CBM001, Financial Aid Database (FADS)

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C13UH - Graduation Rates for Graduate Programs
Definition: The cohort was developed by pulling all of the students coded on the CBM001 at a specific level in the fall semester and then checking the five prior years to determine if they had been coded at that level in those prior years. If students were coded at that level in the prior years, they were dropped from the cohort. The doctoral cohort was tracked for 10 years. The master's cohort was tracked for 5 years. The master's cohort does not include students who received a master's level certificate or were classified as a doctorate student within the next 5 years (and did not earn a master's degree). Source: CBM001, CBM009, CBM00N

MARKETABLE SKILLS - KEY MEASURES

M01A - Working or Enrolled within One Year
Definition: Number and percentage of students awarded a degree or certificate in a given year who are employed in the 4th quarter of the calendar year in which the program (fiscal) year ends or enrolled in a Texas public or private (independent) institution in the fall semester after receiving the award. Students are considered employed if they are reported in the Texas Unemployment Insurance (UI) or the U.S. Office of Personnel Management (OPM) wage records. Note that this measure was revised to match the 60x30TX state strategic plan; enrollment is no longer dependent on degree level. Source: CBM001, CBM009, Unemployment Insurance (UI) wage records, Office of Personnel Management (OPM) wage records

MA02A - Process to Identify Marketable Skills
Definition: Process to Identify Marketable Skills

MARKETABLE SKILLS - CONTEXTUAL MEASURES

M02H - Certification and Licensure Pass Rates
Definition: Licensure/certification rate on state or national exams. For medical, dental, allied health, nursing and pharmacy programs, eligible students are those in a discipline that offers or requires an external certification or licensure who pass the examination on the first attempt during the reporting period. Calculated as the number of graduates or eligible students who pass an external examination on the first attempt during the fiscal year, divided by the total number of graduates or eligible students taking an external examination for the first time during the fiscal year. Source: Legislative Budget Board (LBB)

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STUDENT DEBT - KEY MEASURES

S01A - Student Debt as Percentage of Wage

Definition: Median of individual student loan debt as a percentage of first year wage for students awarded a certificate, associate degree, or bachelor's degree in a given year from a Texas public institution. Individual must have student loan debt at time of award and wages in first year following award. Each student's loan debt includes all loans reported in the THECB financial aid database (FADS) report by any institution for that student in the last 15 years. First year wages are based on UI wage data reported to the Texas Workforce Commission. Bachelor's degrees awarded at community colleges are not included. Source: CBM009, Unemployment Insurance (UI) wage records, Financial Aid Database System (FADS)

S02UH - Excess Semester Credit Hours

Definition: Average number of semester credit hours (SCH) attempted by graduates of bachelor's degree programs from a Texas public institution in excess of the degree plan. To determine SCH attempted, compile all college level semester credit hours a graduate attempted for up to 10 years prior to the time of college graduation. Developmental education SCH attempted and dual credit SCH attempted are not included. Two breakouts are also shown: average attempted SCH accumulated by graduates who began and graduated at the same institution and average attempted SCH accumulated among graduates who began at another public institution. Source: CBM001, CBM009, CBM00N

S03UH - Percent of Graduates with Debt

Definition: Percentage of students awarded an associate or bachelor's degree from a Texas public or private (independent) 4-year institution in a given year who have student loan debt. Each student's loan debt includes all loans reported in the THECB financial aid database (FADS) report by any institution for that student in the last 15 years. Source: CBM009,Financial Aid Database System (FADS)

S04UH - Tuition and Fees

Definition: Statutory tuition (state required tuition), designated tuition (set by institutional governing boards), and mandatory fees (charged to all students), for resident undergraduate students at 30 semester credit hours (SCH) for a fall and spring semester. Many institutions charge additional fees that vary by field of study and/or major. The actual cost for 30 SCH of tuition and fees may be higher for some students as only statutory tuition, designated tuition, and mandatory fees are included. Source: College Student Budget

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STUDENT DEBT - CONTEXTUAL MEASURES

S06UCH - Average Debt of Graduates with Loans

Definition: Average debt is calculated by averaging each student's loan debt, accumulated at all Texas institutions up to the time of receiving an applicable degree, based on the student's highest degree earned. Only students with debt are included. Each student's loan debt includes all loans reported in the THECB financial aid database (FADS) report by any institution for that student in the last 15 years, such as federal and state loans, parent Plus loans, and private educational loans. Two breakouts are also shown: average debt accumulated among graduates who began and graduated at the same institution and average debt accumulated among graduates who began at another public institution. Source: CBM001,CBM009, Financial Aid Database System (FADS)

SECTOR-SPECIFIC/OTHER - KEY MEASURES

X01H - Residents in Accredited Programs

Definition: M.D. or D.O. filled positions at any level in Accreditation Council for Graduate Medical Education (ACGME) or American Osteopathic Association (AOA)-accredited residency programs including sub-specialty programs. This does not include physicians undertaking post-residency training that is not considered part of the accredited residency program. Source: CBM00R for 1-7 years; institutions provide data for 8 years or more

X02H - Physicians Practicing in Texas

Definition: Percentage of medical school graduates practicing in Texas (LBB: I-5& H-2) are M.D. or D.O. graduates practicing medicine at a Texas address as of August 31 of the current calendar year. Percentage of medical school graduates entering a primary care residency (LBB: M-3) are the M.D. or D.O. students who report just prior to graduation that they are entering an accredited post-graduate program in primary care. Percentage of medical residency completers practicing in Texas (LBB: I-4 & HC-1) are physicians who are practicing medicine at a Texas address two years after completing an institutionally-affiliated and accredited residency training program in Texas as of August 31 of the current calendar year. Source: Institutions; Legislative Budget Board (LBB)

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SECTOR-SPECIFIC/OTHER - CONTEXTUAL MEASURES

X03H - Outpatient Visits

Definition: The total number of outpatient visits during the fiscal year. An 'outpatient visit' occurs when the individual receives health care services, including emergency room services, but is not admitted to a hospital bed. One patient who initially visits an emergency room and is then referred to and receives health care services from another affiliated, contracted, or owned outpatient facility would be counted as two outpatient visits. The definition includes visits to both on-site (on the premises of the hospital or institution) and off-site outpatient facilities. It includes outpatient visits previously reported as a separate measure under the Dental School. A 'patient visit' occurs when an individual receives health care services from Institutional faculty, post-graduate trainees, or pre-doctoral dental students at a hospital or clinic, affiliated with, contracted with, or owned, operated and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. To the extent possible, the total should exclude outpatient visits associated with health care providers who are not employed by the institution but may teach residents and students. Source: Institutions

X04H - Inpatient Days

Definition: The total number of inpatient days during a fiscal year. An 'inpatient day' occurs when an individual, who is admitted by an institutional faculty or post-graduate trainee, occupies a hospital bed at the time that the official census is taken at each hospital affiliated with, contracted with, or owned, operated, and funded by a health-related institution (including the Texas Department of Criminal Justice Hospital) during the reporting period. One patient occupying one room for two nights would be counted as two inpatient days. To the extent possible, the total should exclude inpatient days associated with health care providers who are not employed by the institution but may teach residents and students. Source: Institutions

X05H - Research Expenditures per FTE Faculty

Definition: Federal and private research expenditures divided by the number of fall tenured/tenure-track full-time-equivalent faculty (ranks 1-5) with research responsibilities. Source: Institutions' Annual Financial Reports. CBM008

X06UH - Research Expenditures by Source of Funds

Definition: Total research expenditures by source of funds (federal, state, private, and institutional). To qualify as research, the primary purpose of the contract, gift, or grant must be research. Source: Institutions' Annual Financial Reports

X09H - Faculty Headcount

Definition: Number of faculty by total, race/ethnicity and gender. Tenure/tenure-track data come from CBM008 Faculty Report using rank codes 1-4 and coded for a tenure/tenure track position and non-tenure/tenure-track faculty are those faculty coded as non-tenure. Source: CBM004, CBM008

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X10H - Total Uncompensated Care by Faculty

Definition: The total dollar amount of uncompensated care provided through faculty physician practice plans (i.e. PRS, MSRDP, PIP) during the reporting period. Uncompensated care definition provided by the Legislative Budget Board (LBB) (and located in Article III, Special Provisions of the General Appropriations Act). The definition applies to all practice plans, including medical, dental, allied health, nursing, or other health care discipline. Source: Institutional data reported to the LBB

G. Other MD Anderson Academic Programs

THE UNIVERSITY OF TEXAS
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G.1 MD Anderson Educational Trainees, 2017 - 2018

Clinical	
Audiology Fellow	2
Clinical Chemistry Fellows	1
Fellows	282
Medical Physics Fellows	7
Medical Physics Residents	8
Pharmacy Residents	18
Physician Assistant Fellows & Residents	4
Psychology Fellows	1
Residents	27
Rotating Fellows	195
Rotating Fellow Research	4
Rotating Medical Students	305
Rotating Pharmacy Residents	11
Rotating Psychology Fellow	2
Rotating Residents	832
Rotating Residents Research	73
Rotating Veterinary Residents	3
Subtotal	**1,775**
Research	
Graduate Research Assistants-GSBS	286
Graduate Research Assistants-UTHSCH	74
Graduate Student-non-UTHSCH	278
MD/PhD Student – GSBS	5
Odyssey Fellows	11
Postdoctoral Fellows	769
Research Interns	162
Research Medical Students	181
Rosalie B. Hite Graduate Research Assts.	4
Visiting Postdoctoral Fellows	8
Visiting Research Collaborator	13
Subtotal	**1,791**
School of Health Professions**	
Clinical Laboratory Science Students	28
Cytogenetic Technology Students	27
Diagnostic Genetics Students	15
Diagnostic Imaging Students	82
Diagnostic Medical Sonography Students	22
Health Disp. Diversity & Advocacy Students	15
Histotechnology Students	31
Medical Dosimetry Students	37
Molecular Genetic Technology Students	36
Radiation Therapy Students	43
Radiologic Sciences	21
Subtotal	**357**
Special Programs	
Administrative Fellows	4
Chaplaincy Fellows	5
Chaplaincy Interns	10
Child Life Interns	3
Clinical Ethics Fellow	1
Clinical Ethics Interns	1
Dietetic Interns	4
HIM Students	3
Social Work Interns	7
Veterinary Residents	2
Veterinary Students	8
Subtotal	**45**
Observers	
Observers	473
STEP Observers	310
Subtotal	**783**
Student Programs	
College Students	482
Genetics Counseling Students	2
High School Students	134
Pharmacy Students	59
Physical/Occupational Therapy Students	36
Physician Assistant Students	53
Psychology Graduate Students	5
Speech Pathology Students	2
Technology Students	115
Subtotal	**888**
Nursing Programs*	
Academic Undergraduate Students	950
Academic Graduate Students	252
Academic Doctoral Students	124
Academic High School Students	38
Academic Observation	10
Professional Student Nurse Externs	23
Professional Student Nurse Externs - Summer	25
Other Placements**	18
Subtotal	**1,440**
TOTAL	**7,082**

** Annual metrics are provided by the Div. of Nursing.*
*** Other placements include RN Refresher, Telemetry Technician, Surgical Scrub Technician*

Source: Trainee & Alumni Affairs

G.2 Trainee Demographics by Group, 2017 - 2018

Demographic Profile	Clinical Residents & Fellows			Postdoctoral Fellows*			GSBS		
	Description	N	Percent	Description	N	Percent	Description	N	Percent
Number of Trainees	Total Population	309		Total Population	787		Total Population	293	
Number of Programs Served	Total Programs	66		Total Programs	59		Total Programs	44	
Ethnicity	White, Non-Hispanic	126	41%	Foreign	605	77%	White, Non-Hispanic	114	39%
	Asian	66	21%	White, Non-Hispanic	76	10%	Foreign	103	35%
	Foreign	77	25%	Asian	65	8%	Hispanic	23	8%
	Hispanic	18	6%	Hispanic	25	3%	Asian	32	11%
	Black, Non-Hispanic	14	5%	Black, Non-Hispanic	10	1%	Black, Non-Hispanic	12	4%
	2+race	8	3%	American Indian Alaskan Native	0	0%	American Indian Alaskan Native	2	1%
	American Indian Alaskan Native	0	0%	2+race	6	1%	2+race	7	2%
Gender	Male	180	58%	Male	437	56%	Male	126	43%
	Female	129	42%	Female	350	44%	Female	167	57%
Average Age	35 years old			34 years old			28 years old		

*Postdoctoral Fellows include Postdoctoral Fellows, Visiting Postdoctoral Fellows, Odyssey Fellows, Odyssey Scholars and Veterinary Fellows. Total head count may not be equal to the total number of postdoctoral on this report because some trainees had more than one title during this reporting period.

Source: Trainee & Alumni Affairs

G.3 Trainee Country of Origin & Visa Types, 2017 – 2018

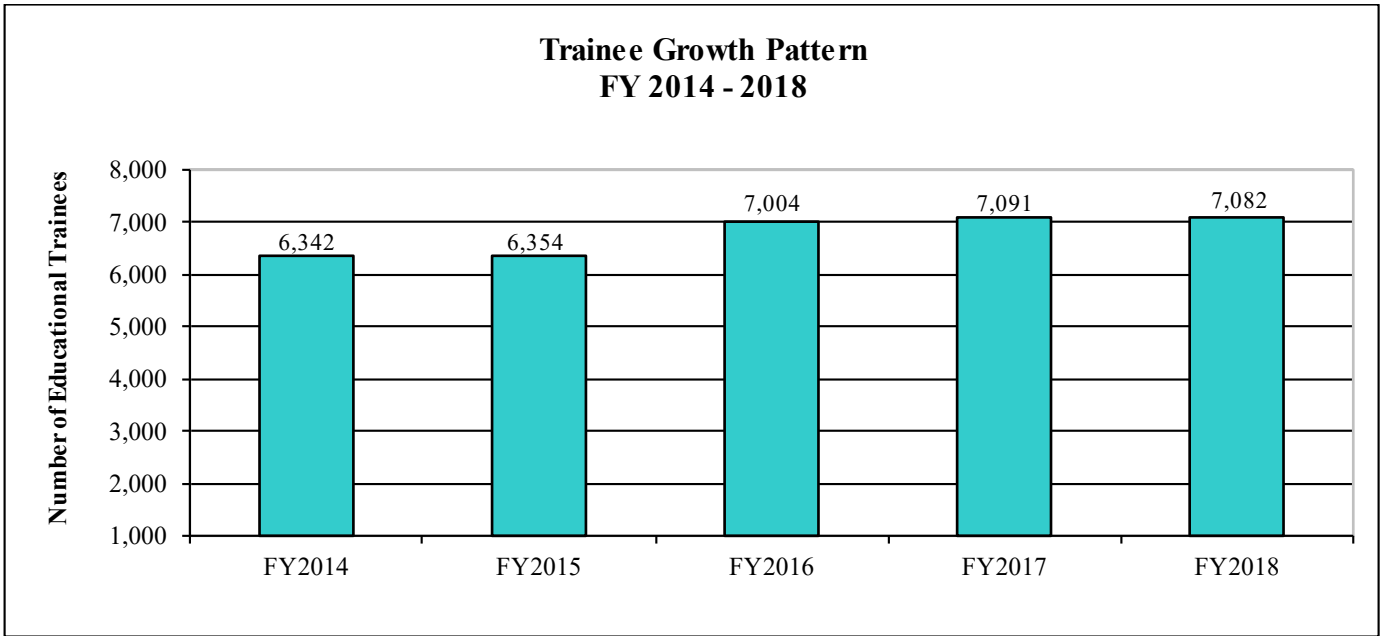
Demographic Profile	Clinical Residents & Fellows			Postdoctoral Fellows			GSBS		
	Country/Visa	N	Percent	Country/Visa	N	Percent	Country/Visa	N	Percent
Top 5 Countries of Origin	USA	201	65%	China	263	33%	USA	153	52%
	India	18	6%	USA	89	11%	China	37	13%
	Canada	15	5%	India	88	11%	India	30	10%
	Lebanon	10	3%	South Korea	44	6%	Taiwan	13	4%
	China	8	3%	Japan	35	4%	South Korea	10	3%
Citizenships and Most Frequent Visa Types	US Citizen	201	65%	US Citizen	104	13%	US Citizen	169	58%
	US Permanent Resident	31	10%	US Permanent Resident	76	10%	US Permanent Resident	12	4%
	H1-B	15	5%	H1-B	90	11%	F-1	80	27%
	J-1	55	18%	J-1	394	50%	F-1-OCOS	22	8%

Source: Trainee & Alumni Affairs

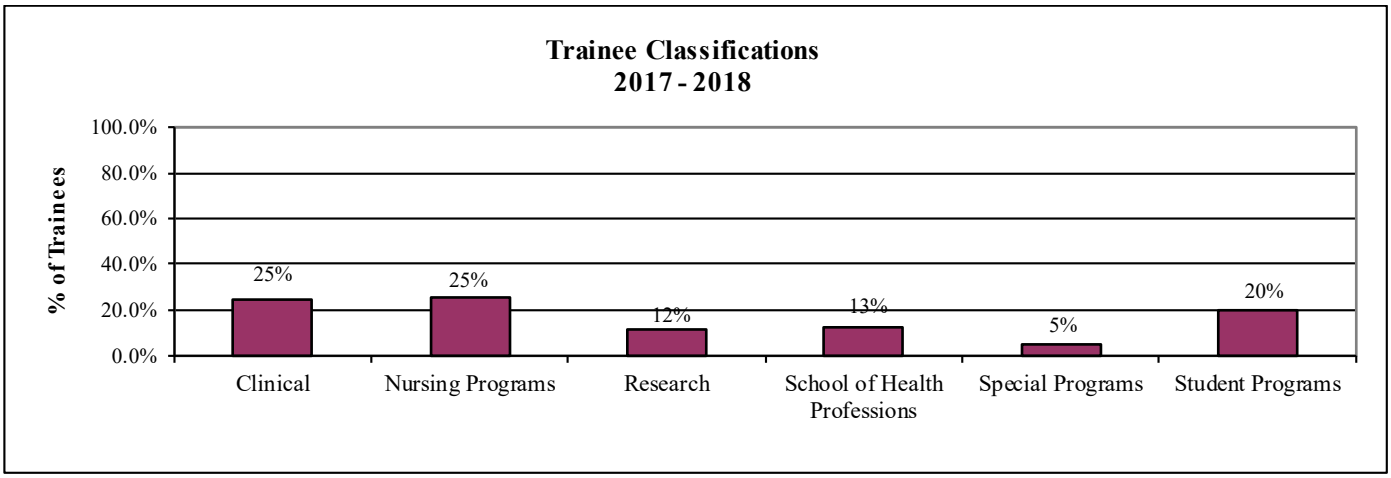
G.4 Five Year Trainee Growth Pattern, FY 2014 – FY 2018

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Percent of Growth 2017 - 2018
Clinical	1,276	1,236	1,693	1,755	1,775	1%
Research	1,854	1,890	1,847	1,779	1,791	1%
Special Programs & Observers	452	489	838	906	831	-8%
Student Programs	1,204	1,084	810	806	888	10%
School of Health Professions	318	303	317	339	357	5%
Nursing Programs*	1,238	1,352	1,499	1,506	1,440	-4%
Grand Total	**6,342**	**6,354**	**7,004**	**7,091**	**7,082**	0%
Grand Total (excluding Nursing)	**5,104**	**5,002**	**5,505**	**5,585**	**5,642**	1%

Source: Trainee & Alumni Affairs
**Metrics provided by the Division of Nursing.*



G.5 Trainee Classifications Graph, 2017 – 2018



Source: Trainee & Alumni Affairs

G.6 Summary of Internal Awards, 2017 - 2018

Type of Award	Number Awarded	Total Funding Awarded
Clinical Endowed Fellowship Award - Jesse H. Jones Fellowship in Cancer Education	2	$6,000.00
Clinical Endowed Fellowship Award - Susan Papizan Dolan Fellowship in Breast Oncology	2	$3,000.00
Clinical Endowed Fellowship Award - The A. Lavoy Moore Endowment Fund	3	$7,500.00
Clinical Endowed Fellowship Award - The Connie and Jim Walter Fellowship in Sarcoma Research	1	$1,000.00
Clinical Endowed Fellowship Award - The Daniel Bendict Gazan Fellowship in Sarcoma Research	2	$2,000.00
Clinical Endowed Fellowship Award - The Diane Denson Tobola Fellowship in Ovarian Cancer Research	1	$3,000.00
Clinical Endowed Fellowship Award - The Janice Davis Singletary Fellowship for Lymphoma	4	$12,000.00
Clinical Endowed Fellowship Award - The Jeffrey Lee Cousins Fellowship in Lung Cancer Research	1	$2,000.00
Clinical Endowed Fellowship Award - The Kimberly Patterson Fellowship in Leukemia Research	4	$18,000.00
Clinical Endowed Fellowship Award - The Linda K. Manning Fellowship in Ovarian Cancer Research	4	$6,000.00
Clinical Endowed Fellowship Award - The Marion D. Edwards Fellowship in Hepatic Oncology	1	$3,000.00
Clinical Endowed Fellowship Award - The Shannon Timmins Fellowship for Leukemia Research	2	$2,000.00
Clinical Endowed Fellowship Award - The Thomas H. and Mayme P. Scott Fellowship in Cancer Research	1	$4,000.00
Education & Training	1	$2,000.00
One-time Trainee Cash Award - Genetics	3	$17,600.00
One-time Trainee Cash Award - Bioinformatics and Computational Biology	2	$14,640.00
One-time Trainee Cash Award - Biostatistics	2	$10,000.00
One-time Trainee Cash Award - Cancer Biology	6	$32,417.00
One-time Trainee Cash Award - Cancer Prevention Research Training Program	1	$3,000.00
One-time Trainee Cash Award - Epigenetics and Molecular Carcinogenesis	2	$4,000.00
One-time Trainee Cash Award - Experimental Therapeutics	1	$2,500.00
One-time Trainee Cash Award - Leukemia	2	$12,000.00
One-time Trainee Cash Award - Melanoma Medical Oncology - Research	1	$5,000.00
One-time Trainee Cash Award - Pathology	1	$5,000.00
One-time Trainee Cash Award - Radiation Oncology	1	$2,500.00
One-time Trainee Cash Award - Stem Cell Transplantation and Cellular Therapy	1	$10,000.00
One-time Trainee Cash Award - Translational Molecular Pathology	1	$5,000.00
One-time Trainee Cash Award - GI Medical Oncology	1	$10,000.00
Oral Competition Award - AMGEN - Basic Science	4	$2,500.00
Oral Competition Award - AMGEN - Elevator Speech	1	$1,500.00
Oral Competition Award - Bayer - Translational	4	$2,500.00
Oral Competition Award - Bayer - Clinical	4	$2,500.00
Oral Competition Award - Bristol Myers - Population Science	4	$2,500.00
Oral Competition Award - Quality Improvement	2	$1,500.00
Postdoctoral Fellowship Award - Maryanne Rosenstein Family Fellowship in Merkel Cell Carcinoma Research	2	$10,000.00
Postdoctoral Fellowship Award - The Anne Eastland Spears Fellowship for GI Cancer Research	2	$4,000.00
Postdoctoral Fellowship Award - The Ben F. Love Fellowship in Innovative Cancer Therapies	2	$4,500.00
Postdoctoral Fellowship Award - The Diane Denson Tobola Fellowship in Ovarian Cancer Research	3	$9,000.00
Postdoctoral Fellowship Award - The Harold C. and Mary L. Daily Endowment Fund	3	$15,000.00
Postdoctoral Fellowship Award - The Jeffrey Lee Cousins Fellowship in Lung Cancer Research	3	$6,000.00
Postdoctoral Fellowship Award - The Kimberly Patterson Fellowship in Leukemia Research	1	$4,000.00
Postdoctoral Fellowship Award - The Lupe C. Garcia Fellowship in Cancer Research	1	$1,000.00
Postdoctoral Fellowship Award – The Marion D. Edwards Fellowship in Hepatic Oncology	1	$3,000.00
Postdoctoral Fellowship Award - The Sheskey Family Fellowship for Breast Cancer Research	1	$1,000.00
Postdoctoral Fellowship Award - The Thomas H. and Mayme P. Scott Fellowship in Cancer Research for FY18	1	$4,000.00
TOTAL	**93**	**$280,157.00**

Source: Trainee & Alumni Affairs