

The University of Texas MD Anderson Cancer Center UTHHealth Houston Graduate School of Biomedical Sciences (GSBS)

THE UNIVERSITY OF TEXAS
MD Anderson ~~Cancer Center~~ | UTHHealth[®]
Houston
Graduate School of Biomedical Sciences

Jeffrey A. Frost, Ph.D.
Associate Dean for Academic and Faculty Affairs

UTHealth Houston

Seven schools, multiple MS and PhD degree programs

THE UNIVERSITY OF TEXAS
MD Anderson
Cancer Center®

UTHealth
Houston

Graduate School of Biomedical Sciences

- MS and PhD in Biomedical Sciences
- SMS in Medical Physics
- SMS in Genetic Counseling

UTHealth Houston

McWilliams School of
Biomedical Informatics

- MS in Biomedical Informatics
- PhD in Biomedical Informatics
- PhD in Health Informatics (DHI)

UTHealth Houston

Cizik School of Nursing

- MS in nursing
- PhD in nursing

UTHealth Houston

School of Public Health

- MS and PhD in a number of areas

UTHealth Houston

McGovern Medical School

- MS in Anesthesia
- MS in Clinical Research

UTHealth Houston

School of Behavioral
Health Sciences

- MS and PhD in cognitive Behavioral Sciences

UTHealth Houston

School of Dentistry



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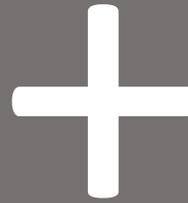
MD Anderson

#1 rated cancer center in the nation

9 National Academy of Science members

2018 Nobel Laureate & the James P. Allison Institute

#1 in cancer research funding through the NIH



UTHealth Houston

#5 ranked in NIH funding among Texas universities

Educates the largest number of healthcare professionals in Texas (6,000 each year!)

\$319.8 million research expenditures

1.8 million yearly patient visits

GSBS – 9 Doctoral and 3 MS programs



PhD programs

- Cancer Biology
- Immunology
- Genetics & Epigenetics
- Medical Physics
- Microbiology & Infectious Disease
- Molecular & Translational Biology
- Neuroscience
- Quantitative Sciences
- Therapeutics & Pharmacology

MS and SMS programs

- Biomedical Sciences (MS)
- Genetic Counseling (SMS)
- Medical Physics (SMS)

Celebrated 60 years of excellence in 2023-2024

GSBS Metrics (2025)

Total Faculty - 648

Total Students - 477

63% Women, 37% Men
43% International
32% URM Students
18.6% Disadvantaged

PhD Program (362 students)

MD/PhD (MSTP) Program (34 students)

MS and SMS Programs (81 students)

Genetic Counseling (20)
Medical Physics (5)
Biomedical Sciences (56)

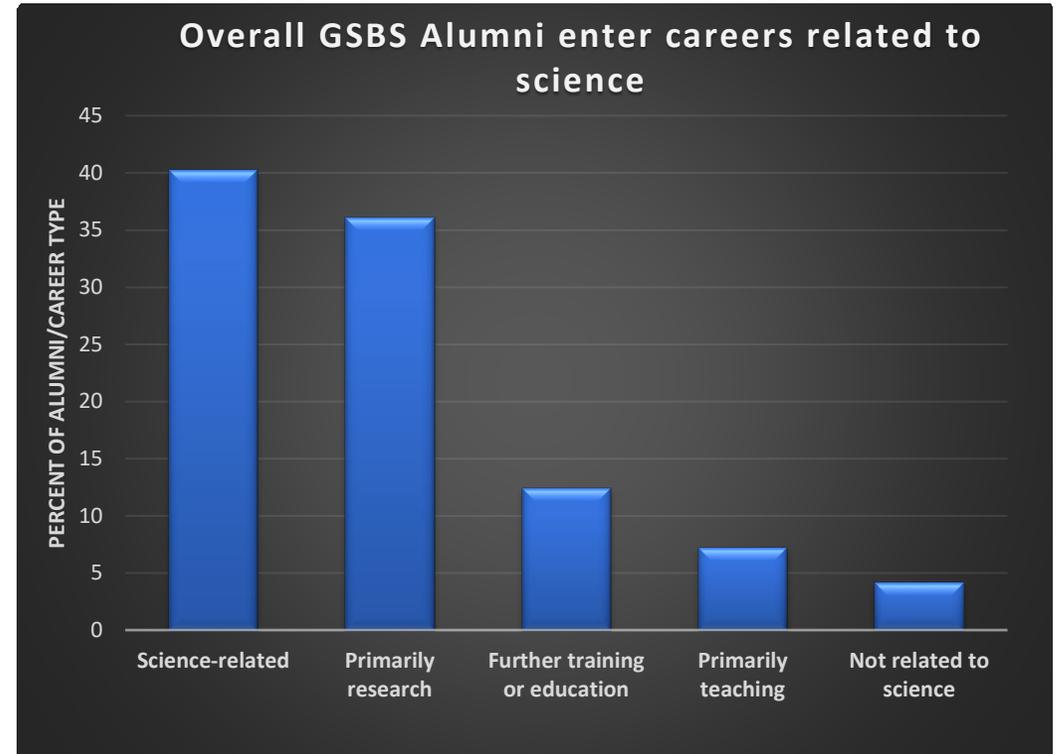
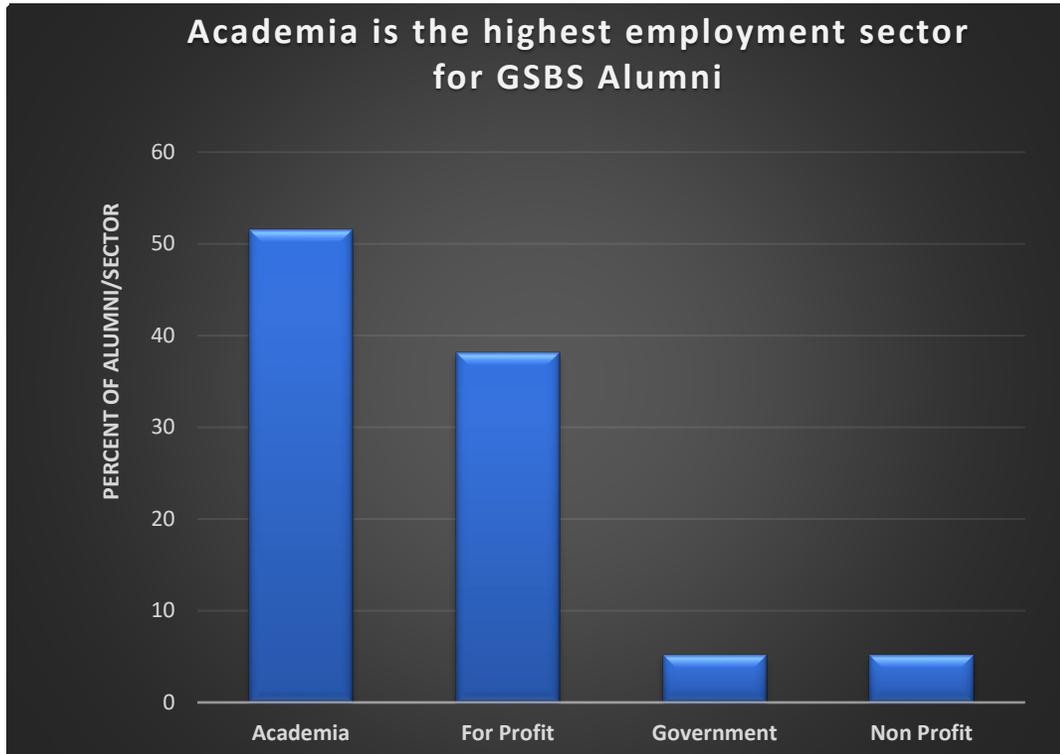
Metrics and Outcomes

Total Graduates	3,000+
Avg. time to degree (PhD)	~5.3 years
Endowment	\$26 Million



Total Graduates – 3,000+

Where are GSBS Alumni?



Top job functions of Alumni



GSBS Tuition and Fees – Fall 2025

- Five-year tuition and fee plan was approved by the GSBS Faculty in January 2023 and the UT System Board of Regents in August 2023
- Numbers below are provided as guidance for planning and grant submissions and are subject to change

Graduate Program	Annual Stipend Salary	Fringe Benefits (28%)	Tuition and Required Fees (T&F)	Estimated Cost to Support a Graduate Research Assistantship
SMS (Medical Physics)	\$18,000 to \$36,000	\$5,040 to \$10,080	\$8,183	\$31,223 to \$54,263
MS (Biomedical Sciences)	\$28,000 to \$36,000	\$7,840 to \$10,080	\$8,183	\$44,023 to \$54,263
PhD	\$36,000	\$10,080	\$8,183	\$54,263
MD/PhD	\$36,000	\$10,080	\$8,208	\$54,288

Updated information also available on the GSBS Finance Website

Common Funding Opportunities for GSBS Students

1. GSBS fellowships and scholarships

- A variety of **awards to students**
- Some cover stipends and some are renewable
- Require a specific aims page, progress report, and other supporting documents

2. Institutional training grants (i.e. NIH T-Grants)

- **Awarded to an institution** (i.e. UTHealth or MDACC) to support trainees
- Usually covers stipend, tuition and fees, and includes access to specialized training/mentoring
- Applications for slots vary; often ask for specific aims, research strategy, and other supporting documents

3. Individual fellowships (i.e. NIH F-Grants)

- **Awarded to the student**; include funding mechanisms that support NIH-defined diverse trainees (i.e. F31-Diversity)
- Usually covers stipend, funds for tuition and fees, and travel
- Applications ask for specific aims, research strategy, and *many* other supporting documents

4. Transition fellowships (i.e. NIH F99/K00 Grants)

- **Awarded to a student**; include funding mechanisms that support NIH-defined diverse trainees
- Usually cover stipend for graduate and postdoc years, and includes funds for tuition (PhD phase) and travel/supplies
- Applications often ask for specific aims, research strategy, and other supporting documents

5. Other

- Industry and foundation awards to support student research
- **Awarded to a student**
 - May fund a variety of things

GSBS Support for Fellowships and Training Grants

- Assistance to GSBS students and faculty with navigating NIH fellowship and training grant opportunities.
- Assistance with data on current and past GSBS students to complete training grant tables.
- Provide “boilerplates” docs for standard sections
 - GSBS PhD requirements and responsible conduct of research (RCR).
 - Sample text describing career development, IDP’s, and other training activities.



Sarah Herzog, PhD
Program Manager, Training
Grants and Fellowships



Raquel Y. Salinas, PhD
Director, Student Affairs and
Career Development

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